

## REFERENCES

- AbdelMotaal, D. (2008). The Biofuels Landscape: Is There a Role for the WTO? *Journal of World Trade*, 42 (1), 61-86.
- ADB. (2005). *Proposed Technical Assistance Core Environment Program and Biodiversity Conservation Corridors Initiative in the GMS*. Manila: Asian Development Bank.
- ADB & NSTDA. (2009). *Exploring Core Environment Program-Private Sector Partnerships for Developing Biodiesel as an Alternative Fuel in the Greater Mekong Subregion*. Bangkok: Asian Development Bank & the National Science and Technology Development Agency.
- ADB & UNEP. (2007). *Synthesis Environmental Assessment Report of the Greater Mekong Subregion*. Bangkok: Asean Development Bank and United Nations Environment Programme.
- ADB & UNEP. (2007). *Thailand: National Environmental Performance Assessment Report*. Bangkok: Asian Development Bank Greater Mekong Subregion Environment Operations Center & UN Environment Programme Regional Resources Center for Asia and the Pacific.
- ADB. (2006). *Asian Development Outlook 2006: Routes for Asia's Trade*. Manila: Asian Development Bank.
- ADB. (2006). *Biodiversity Conservation Corridors Initiative in the Greater Mekong Subregion*. Core Environment Program. Bangkok: Asian Development Bank.
- ADB. (2009). *Development Partners Meeting on GMS Biofuels and Rural Renewable Energy*. Bangkok: Asian Development Bank.
- ADB. (2008). *Environmental Performance Assessment*. Environmental Operations Center. Bangkok: Asian Development Bank.
- ADB. (2004). *Greater Mekong Subregion Cooperation Strategy and Program (2004-2008)*. Manila: Asian Development Bank.
- ADB. (2008). *Greater Mekong Subregion: Maturing and Moving Forward*. Manila: Asian Development Bank.
- ADB. (2009). *Integrating Biofuel and Rural Renewable Energy Production in Agriculture for Poverty Reduction in the Greater Mekong Subregion: An Overview and Strategic Framework for Biofuel Development*. Greater Mekong Subregion Economic Cooperation Program. Manila: Asian Development Bank, October.
- ADB. (2009). *Lao PDR: Sustainable Natural Resource Management and Productivity Enhancement Project: Report and Recommendations*. Manila: Asian Development Bank.
- ADB. (2009). *Road Map for Expanded Energy Cooperation in the Greater Mekong*. Manila: Asian Development Bank.
- ADB. (2009). *The Economics of Climate Change in Southeast Asia*. Manila: Asian Development Bank.

- Adis, I. (2007). *The Impact of Trade Liberalisation on the Environment: A Study of Four Sectors in Thailand*. Research paper prepared for the Rapid Trade and Environment Assessment project in Thailand. Winnipeg: International Institute for Sustainable Development.
- Agrawal, A., & Gibson, C. (1999). Enchantment and Disenchantment: The Role of Community in Natural Resource Conservation. *World Development*, 27 (4), 629-649.
- Agrawal, A., & Sivaramakrishnan, K. (Eds.). (2003). *Regional Modernities: The Cultural Politics of Development in India*. Stanford: Stanford University Press.
- AIT and World Bank. (2009). *Report of the Workshop on Sustainable Rice Irrigation: Producing More with Less Water*. prepared by A. Mishrat and P. Kumar, held from 22-24 June 2009, Bangkok: Asian Institute of Technology.
- Alternative Agriculture Network (AAN). (2009). *Biofuels: An Oil Palm Predicament* (Online). (28 August 2009). Available from: <http://aanesan.wordpress.com/2009/08/18/an-oil-palm-predicament/>.
- Altieiri, M. (2009). Agroecology, Small Farms and Food Sovereignty. *Montly Review*, July-August.
- Alton, C., Bluhm, D., & Sannanikone, S. (2005). *Para Rubber Cultivation in Northern Laos: Constraints and Chances*. Lao-German Programme Rural Development in Mountainous Areas of Northern Lao PDR. Vientiane: GTZ - German Agency for Technical Cooperation.
- Ammar, S. (1996). Thai Agriculture: From Engine of Growth to Sunset Status. *TDRl Quarterly Review*, 11 (4), 3-10.
- Ammar, S. (1999). *The Future of Agriculture and Agro-industry*. Bangkok: mimeo.
- Ammar, S., & Somchai, J. (2009). *Economic Shocks and the Vulnerable in Thailand: A Case Study of Rising Food and Fuel Prices*. Discussion paper prepared for the Thailand Development Research Institute. Bangkok: United Nations.
- Ammar, S., Suthad, S., & Direk, P. (1991). *Thai Agriculture: Resources, Institutions and Policies*. Bangkok: Thailand Development Research Institute Foundation.
- Ampol Senanarong. (2004). *His Majesty's Philosophy of Sufficiency Economy and the Royal Development Study Centers*. Ministerial Conference on Alternative Development: Bangkok, 8 November.
- Ampol Senanarong. (n.d.). *Vision-based Leadership for Sufficiency Economy*. from Sufficiency Economy and the Royal Development Study Centres(online). (February 16, 2010). Available from: <http://www.sufficiencyeconomy.org>
- Anderson, B. (1983). *Imagined Communities: Reflections on the Origin and Spread of Nationalism*. London: Verso.
- Anderson, K., & Blackhurst, R. (Eds.). (1992). *The Greening of World Trade Issues*. Hempstead: Harvester Wheatsheaf.
- Antonio, R., & Kellner, D. (1991). *Theorizing Modernity*. New York: Dickens, Fontana.
- Apfell Marglin, F., & Marglin, S. (Eds.). (1990). *Dominating Knowledge: From Development to Dialogue*. Oxford: Oxford University Press.

- Apichai, P. (2007). *A Theorisation of Buddhist Economics that Goes Beyond Schumacher*. Bangkok: Thamassat University conference proceedings.
- Apichai, P. (1998). *Agriculture in Thailand at a Crossroads*. Bangkok: Thammasat Univeristy.
- Apichai, P. (1997). Tambon Councils and Community Forest Management. In P. Hirsch, *Seeing the Forests for the Trees: Environment and Environmentalism in Thailand* (pp.72-88). Chiang Mai: Silkworms.
- Apichai, P. (2007). *Why Buddhist Economics Is Needed as a New Paradigm for a Better Understanding of Happiness*. Bangkok: International Conference on Happiness and Public Policy.
- Arat, Z. (1988). Democracy and Economic Development: Modernization Theory Revisited. *Comparative Politics* , 21(1):21-36.
- Arce, A., Villarreal, M., & Vries, P. d. (1994). The Social Construction of Rural Development: Discourses, Practices and Power. In D. Booth (Ed.), *Rethinking Social Development: Theory, Research and Practice* (pp. 152-171). Essex: Longman.
- Armitage, D., Ryan Plummer, F. B., Charles, A., Davidson-Hunt, I., Diduck, A., Doubleday, N., et al. (2008). Adaptive Co-management for Social-ecological Complexity. *Frontiers in Ecology and the Environment* , 6 (online). (3 June 2009). Available from: [http://www.cifor.cgiar.org/livesinforessts/publications/pdf\\_files/Frontiers\\_in\\_Ecology\\_and\\_Environment\\_2008.pdf](http://www.cifor.cgiar.org/livesinforessts/publications/pdf_files/Frontiers_in_Ecology_and_Environment_2008.pdf).
- Arnst, R. (2009). *Business As Usual: Responses within ASEAN to the Food Crisis*. Bangkok: Focus on the Global South.
- ASEAN. (2008). *ASEAN Integrated Food Security Framework and Strategic Plan of Action on Food Security in the ASEAN Region 2009-2013*. Jakarta: ASEAN Secretariat.
- Asia Times Online. *Clipping file from 2007-2009*.
- Asian Farmers' Association for Sustainable Rural Development. (2009). *Upscale Sustainable, Integrated, Diversified, Organic Agriculture by Smallholders Farmers To Adapt and Mitigate Effects of Climate Change*. Paper presented at the 32nd session of IFAD's Governing Council, 18 February by Maria Estrella Penunia, Secretary General, AFA (online). (26 August 2009). Available from: <http://asianfarmers.org/?p=592>.
- Axelrod, R. (1984). *The Evolution of Cooperation*. New York: Basic Books.
- Badenoch, N. (2001). *Environmental Governance: Principles and Practice in Mainland Southeast Asia*. Washington, D.C.: World Resources Institute.
- Bai, Z. (Ed.). (2008). *Global Assessment of Land Degradation and Improvement*. Rome and Wageningen: FAO/ISRIC.
- Bailis, R., Ezzati, M., & Kammen, D. (2005). The Role of Technology Management in the Dynamics of Greenhouse Gas Emissions From Household Energy Use in Sub-Saharan Africa . *Journal of Economic Development* , 14(1):149-174.
- Baird, I. (2010). Land, Rubber and People: Rapid Agrarian Changes and Responses in Southern Laos. *Journal of Lao Studies* , 1 (1), 1-47.

- Baird, I. (2010). *Quotas, Powers, Patronage and Illegal Rent-Seeking: The Political Economy of Logging and the Timber Trade in Southern*. Forest Trends.
- Baird, I., & Shoemaker, B. (2005). *Aiding or Abetting? Internal Resettlement and International Aid Agencies in the Lao PDR*. Toronto: Probe International.
- Baker, C., & Pasuk, P. (2005). *A History of Thailand*. New York: Cambridge University Press.
- Baker, C., & Pasuk, P. (1999). Afterword: Chatthip and the Thai Village. In N. Chatthip, *The Thai Village Economy in the Past* (C. Baker, & P. Pasuk, Trans., pp. 114-131). Chiang Mai: Silkworm Books.
- Bangkok Post (Alan Oxley). (2009, December 20). Poor Countries Won't Submit to Immoral Demands. *Bangkok Post*, p. B2.
- Bangkok Post (Jeremy Bird). (15 March 2010). Low river levels caused by extreme low rainfall.
- Bangkok Post (Nareerat Wiriyapong). (2009). Goal Set to Cut Energy Emissions by 30%: PM to Announce Plan at Copenhagen. *Bangkok Post*, 15 December.
- Bangkok Post (Yuthana Praiwan). (2010). *Alternative Energy Gains Momentum: Incentives Likely to Be Extended*. 16 January.
- Bangkok Post (Yuthana Praiwan). (2009, May 29). Biodiesel Hub Taking Shape: New Lease on Life for Abandoned Orchards.
- Bangkok Post (Yuthana Praiwan). (2010). Thailand Eyes Role as Regional Renewable Energy Hub. 8 January.
- Bangkok Post. (2009). Brazilian Ethanol Model Worth Following. *Bangkok Post*, 31 October 2009.
- Bangkok Post. *Clipping File 2006-2009*. Bangkok.
- Bangkok Post. (2009). Government Plans Safeguards for Farmers. 28 December.
- Bangkok Post. (2009, January 18). Government to get tough on off-season rice crops: dams fall, raising fear of water shortages.
- Bangkok Post. (2009). Surin Urges Cooperation on Food Security . 28 February.
- Bangkok Post. (2010, May 19). The Next Green Revolution.
- Banse, M. (2008). Will EU Biofuel Policies Affect Global Agricultural Markets? *European Review of Agricultural Economics*, 35 (2), 117-141.
- Banuri, T. (2009). Climate Change and Sustainable Development. *Natural Resources Forum*, 33 (4), 257-258.
- Banuri, T. (2009). *Closing Remarks to the 1st Annual UN International Energy Conference*. 31 August - 1 September in New York: United Nations (online). (15 December 2009). Available from: <http://www.youtube.com/watch?v=mczXAUr7OL0&feature=related>
- Banuri, T. (1990a). Development and the Politics of Knowledge: A Critical Interpretation of the Social Role of Modernisation. In F. Apfell Marglin, & S. Marglin (Eds.), *Dominating Knowledge: From Development to Dialogue* (pp. 29-72). Oxford: Oxford University Press.

- Banuri, T. (1997). *If You Torture the Data Long Enough: The Case of the Environmental Kuznets Curve*. Background paper for the UNDP Human Development Report 1998.
- Banuri, T. (1990b). Modernization and its Discontents: A Cultural Perspective on Theories of Development. In F. Apffel Marglin, & S. Marglin (Eds.), *Dominating Knowledge: From Development to Dialogue* (pp. 73-101). Oxford: Oxford University Press.
- Banuri, T. (1998). *Pakistan: Environmental Impacts of Cotton Production on Trade*. Paper prepared for the Trade Knowledge Network. Winnipeg: International Institute for Sustainable Development.
- Banuri, T. (2007). Sustainable Livelihoods and the Sufficiency Economy. In W. Surichai (Ed.), *Rural Livelihoods and Human Insecurities in Globalising Asian Economies* (pp. 5-18). Bangkok: Center for Social Development Studies and Social Research Institute, Chulalongkorn University.
- Barney, K. (2009). Laos and the Making of a 'Relational' Resource Frontier. *The Geographical Journal*, 175 (2), 146-159.
- Barney, K. (2001). *Paper Promises: A Political Ecology of Plantation Forestry in Eastern Thailand and Sarawak, Eastern Malaysia*. Masters Thesis in Environmental Studies, York University, Canada.
- Barney, K. (2007). *Power, Progress and Impoverishment: Plantations, Hydropower, Ecological Change and Community Transition in Hinboun District, Lao PDR*. Toronto: York Center for Asian Research.
- Barrett, S. (1990). The Problem of Global Environmental Protection. *Oxford Review of Economic Policy*, 6(1):68-79.
- Bauman, Z. (1998). *Globalisation: The Human Consequences*. Cambridge: Polity.
- Bauman, Z. (2002). *Society under Siege*. Cambridge: Polity.
- Baumol, W. (1971). *Environmental Protection, International Spillovers and Trade*. Stockholm: Almqvist and Wiksell.
- Baumol, W., & Oates, W. (1979). *Economics, Environmental Policy and the Quality of Life*. Englewood Cliffs, NJ: Prentice-Hall.
- Baumüller, H. (2009). *Competing for Business: Sustainable Development Impacts of Investment Incentives in Southeast Asia*. Winnipeg: International Institute for Sustainable Development.
- Baumüller, H. (2007). *Potential Environmental Impacts of Trade Liberalisation in Fish and Fish Products*. Research paper prepared for the Rapid Trade and Environment Assessment project in Thailand. Winnipeg: International Institute for Sustainable Development.
- Baumüller, H. (2008). *Prospects and Drivers for Agricultural Change in the Mekong: The Case of Sugar, Rice and Rubber*. Bangkok: World Wide Fund for Nature (WWF) Greater Mekong Program.
- Bebbington, A. (1994). Theory and Relevance in Indigenous Agriculture: Knowledge, Agency and Organisation. In D. Booth (Ed.), *Rethinking Social Development: Theory, Research and Practice* (pp. 202-225). Essex: Longman.

- Beck, U. (2007, December 27). Interview in the series How to Think About Science. *Ideas (Episode 5)*. (P. Kennedy, Interviewer) CBC(online). (1 November 2009). Available from: <http://www.cbc.ca/ideas/features/science/index.html#episode5>
- Beck, U. (1992). *Risk Society: Towards a New Modernity*. London: Sage (published in German in 1986).
- Beck, U., Giddens, A., & Lash, S. (1994). *Reflexive Modernisation*. Cambridge: Polity Press.
- Bello, W. (2000). The Philippines: The Making of a Neo-classical Tragedy. In R. Robison, M. Beeson, K. Jayasuriya, & H.-R. Kim (Eds.), *Politics and Markets in the Wake of the Asian Crisis* (pp. 239-258). London: Routledge.
- Berger, M. (2004). *The Battle for Asia: From Decolonisation to Globalisation*. London: RoutledgeCurzon.
- Bhagwati, J. (1993). Does Free Trade Harm the Environment? The Case for Free Trade. *Scientific American*, November, 17-23.
- Bhagwati, J. (1991). *The World Trading System at Risk*. Princeton: Princeton University Press.
- Bhagwati, J. (1995). Trade Liberalisation and Fair Trade Demands: Addressing the Environment and Labour Standards Issues. *The World Economy*, 18 (6).
- Bhagwati, J., Panagariya, A., & Srinivasan, T. (Eds.). (1998). *Lectures on International Trade* (2 ed.). Cambridge: MIT Press.
- Birdsall, N., & Wheeler, D. (1992). Trade Policy and Industrial Pollution in Latin America. In P. Low (Ed.), *International Trade and the Environment* (pp. 159-168). World Bank Discussion Papers 159. Washington, D.C.: World Bank.
- Birdsall, N., & Wheeler, D. (1993). Trade Policy and Industrial Pollution in Latin America: Where Are the Pollution Havens? *Journal of Environment and Development*, 1:137- 149.
- Blackhurst, R. (1977). International Trade and Domestic Environmental Policies in a Growing World Economy. In R. Blackhurst (Ed.), *International Relations in a Changing World* (pp. 341-364). Geneva: Sythoff-Leiden.
- Blake, D., & Rattaphon, P. (2006). *Situation Analysis: Lower Songkhram River Basin, Thailand*. Bangkok: Mekong Wetlands Biodiversity Conservation and Sustainable Use Programme.
- BOI (Thailand Board of Investment). (2006-2010). *BOI Newsletters*.
- Bolt, K., Ruta, G., & Sarraf, M. (2005). *Estimating the Cost of Environmental Degradation*. Environment Department Papers. Washington, D.C.: World Bank.
- Booth, D. (Ed.). (1994). *Rethinking Social Development: Theory, Research and Practice*. Essex: Longman Scientific and Technical.
- Bourdieu, P. (1990). *In Other Words: Essays Towards a Reflexive Sociology*. (M. Adamson, Trans.) Cambridge: Polity.
- Bourdieu, P. (1992). *Invitation to a Reflexive Sociology*. Chicago: University of Chicago Press.

- Bourdieu, P. (2004). *Science of Science and Reflexivity*. (R. Nice, Trans.) Cambridge: Polity.
- Bowie, K. (1992). Unraveling the Myth of the Subsistence Economy: Textile Production in 19th Century Northern Thailand. *Journal of Asian Studies*, 51 (4), 797-823. Reprinted in Jonathan Rigg (Ed). 2008. Southeast Asian Development, London: Routledge.
- Bowring, J. (1969). *The Kingdom and People of Siam*. London: Oxford University Press.
- Brazil - EMBRAPA. (2004). *Agroecologia da Cana de Açúcar*. Brasilia: Embrapa (online). (1 November). Available from: [www.cana.cnmp.embrapa.br](http://www.cana.cnmp.embrapa.br)
- Brazil - Ministry of Agriculture, Livestock and Food Supply. (2006). *Brazilian Agroenergy Plan 2006-2011*. Brasilia, D.F.: Embrapa.
- Brazil. (2007). *Biofuels in Brazil: Realities and Prospects*. Brasilia: Ministry of External Relations(online). (5 October 2009). Available from: [www.dc.mre.gov.br/imagens-e-textos/temas-brasileiros-1/english/biofuels-in-brazil-realities-and-prospects](http://www.dc.mre.gov.br/imagens-e-textos/temas-brasileiros-1/english/biofuels-in-brazil-realities-and-prospects)
- Brazil. (1998). *The Energy Sector: The Case of Alcohol Fuel (Ethanol)*. Submission to the World Trade Organisation Committee on Trade and Environment. Geneva: World Trade Organisation, September.
- Brazilian Development Bank (BNDES) & Center for Strategic Studies and Management Science Technology and Innovation (CGEE). (2008). *Sugarcane-Based Bioethanol: Energy for Sustainable Development*. Joint report by BNDES and CGEE. Rio de Janeiro: BNDES.
- Brazil-ITAIPU. (2008). *Projeto Condomínio de Agroenergia para Agricultura Familiar (Agroenergy for Small-scale Agriculture)*. Brasilia: Government of Brazil.
- Breakthrough Institute. (2009). *Rising Tigers, Sleeping Giant: Asian Tigers Set to Dominate the Clean Energy Race By Out-investing the United States* (online). (29 November 2009). Available from: [http://thebreakthrough.org/blog/Rising\\_Tigers.pdf](http://thebreakthrough.org/blog/Rising_Tigers.pdf)
- Breman, J. (1988). *The Shattered Image: Construction and Deconstruction of the Village in Colonial Asia*. Providence, Rhode Island: Foris.
- Bundhit Eua-Arporn; Jintana Ubonwat. (2006). *Provincial Energy Strategies and Planning: Case Study of Nakorn Ratchisima*. Bangkok: Chulalongkorn University.
- Bundit, F. (2009). Recent Policies and Challenges in Sustainable Energy Development in Thailand. In V. Vijay, & H. Garg (Eds.), *Renewable Energy and Environment for Sustainable Development* (pp. 12-25). New Delhi: Narosa.
- Burma Environmental Working Group. (2009). *Accessible Alternatives: Ethnic Communities' Commitment to Social Development and Environmental Conservation in Burma*. Chiang Mai: Wanida Press, September.
- Busse, M. (2004). Trade, Environmental Regulations and the World Trade Organization: New Empirical Evidence. *Journal of World Trade*, 38(2): 285-306.

- Buttel, F. (1986). Sociology and the Environment: The Winding Road Toward Human Ecology. *International Social Science Journal*, 38(3):337-356.
- Caldwell, L. (1990). *International Environmental Policy: Emergence and Dimensions*. Durham: Duke University Press.
- Calkins, P. (n.d.). *The Sufficiency Economy at the Edges of Capitalism* (online). (February 16, 2010). Available from: from Sufficiency Economy and the Royal Development Study Centres: <http://www.sufficiencyeconomy.org>
- Caouette, D., & Turner, S. (Eds.). (2009). *Agrarian Angst and Rural Resistance in Contemporary Southeast Asia*. New York and London: Routledge.
- Cardoso, F., & Faletto, E. (1969). *Dependence and Development in Latin America*. Berkeley: University of California Press.
- Cardoso, F., & Faletto, E. (1969). *Dependence and Development in Latin America*.
- Carson, R. (1962). *Silent Spring*. Boston: Houghton Mifflin.
- Case, W. (2002). *Politics in Southeast Asia: Democracy or Less*. Richmond, Surrey: Curzon.
- CBD. (2009). *Consideration of Ways and Means to Promote the Positive and Minimise Impacts of the Production and Use of Biofuels on Biodiversity*. Montreal: Convention on Biological Diversity Secretariat.
- Chang Noi. (2009). *Jungle Book: Thailand's Politics, Moral Panic and Plunder 1996-2008*. Chiang Mai: Silkworm Books.
- Chang Noi. (2008). Thailand and the profit and loss on global warming. 28 April (online). (29 May ). Available from: <http://www.geocities.com/changnoi2/climate3.htm>
- Chang, H.-J. (2007). *Bad Samaritans: The Myth of Free Trade and the Secret History of Capitalism*. New York: Bloomsbury.
- Chang, H.-J. (2003). *Globalisation, Economic Development and the Role of the State*. London: Zed.
- Chang, H.-J. (2002). *Kicking Away the Ladder: How the Economic and Intellectual Histories of Capitalism Have Been Re-Written to Justify Neo-Liberal Capitalism*. London: Anthem Press.
- Chang, H.-J. (2003). *Rethinking Development Economics*. London: Wimbledon.
- Chapman, K. (2009). *Agriculture and Natural Resources Needs Assessment Report*. Bangkok: Asian Development Bank.
- Charit, T., & Pracha, J. (2007). *Electrical and Electronic Equipment - Environmental Impacts of Trade Liberalisation*. Research paper prepared for the Rapid Trade and Environment Assessment project in Thailand. Winnipeg: International Institute for Sustainable Development.
- Charit, T., & Suthawan, S. (1996). Economic Valuation of Natural Resources and Relevance to Environmental Policymaking in Southeast Asia: The Case of Thailand. In R. Clemenson (Ed.), *Economic Integration and Environment in Southeast Asia*. Institute on Global Conflict and Cooperation Policy Papers. Berkeley: University of California.



- Charit, Tingsabadh. (2006). International Cooperation and Environmental Policy: Asian Perspectives. In P. Welfens, F. Knipping, C. Suthiphand, & C. Ryan, *Integration in Asia and Europe: Historical Dynamics, Political Issues and Economic Perspectives*. Berlin: Springer.
- Charnvit, K., & Baker, C. (Eds.). (2008). *Annotated Bibliography on the Mekong*. Chiang Mai: Mekong Press.
- Chasek, P., Downie, D., & Welsh-Brown, J. (2010). *Global Environmental Politics*. New York: Westview Press.
- Chatrudee Theparat. (2009). Clear-cut Output Goals for Energy, Food Crops Urged. *Bangkok Post*, 31 August.
- Chatthip, N. (1994). Foreword. In S. Tanabe, *Ecology and Practical Technology: Peasant Farming Systems in Thailand*. Bangkok: White Lotus.
- Chatthip, N. (1991). The Community Culture School of Thought. In C. Manat, & A. Turton (Eds.), *Thai Construction of Knowledge* (pp. 118-141). London: Center of Southeast Asian Studies, SOAS.
- Chatthip, N. (1984). *The Thai Village Economy in the Past*. (C. Baker, Trans.) Chiang Mai: Silkworms, 1999.
- Chatthip, N. (2001). *The Theory of the School of Political Economy in Historical Studies of the Thai Village Communities*. Economic Research Centre Discussion Paper 126. Nagreya University: Economic Research Centre. Economic History of Thailand, Bangkok: Chulalongkorn University Press).
- Chatthip, N. (1986). The Village Economy in Pre-Capitalist Thailand. In P. Seri, *Back to the Roots: Self-reliance in a Thai Context*. Bangkok: Rural Development Documentation Center.
- Chatthip, N., & Ranoo, W. (1998). The State of Knowledge of Ahom History. *Tai Culture*, 3 (1), 16-47.
- Chavalit, P. (2007). Thailand's Energy Conservation Programme and the Role of New and Renewable Energy in Energy Conservation. *Journal of the Royal Institute of Thailand*, 32(1): 125-133.
- China Daily. (2008-2009). Clipping file.
- China Daily. (22 February 2010). Sowing the Seeds for A Truly Green Revolution.
- Ching, L., Dano, E., & Jhamtani, H. (2009). *Rethinking Agriculture*. Penang: Third World Network.
- Chirathivat, S., & Mallikamas, S. (2004). Thailand's FTA Strategy: Current Developments and Future Challenges. *ASEAN Economic Bulletin*, 21(1), April.
- Chirathivat, S., & Sabhasri, K. (2008). Thailand. In J. Francois, P. Rana, & G. Wignaraja (Eds.), *National Strategies on Regional Integration: South and East Asian Case Studies*. Manila: Asian Development Bank.
- Christian Aid. (2009). *Growing Pains: The Possibilities and Problems of Biofuels*. London: Christian Aid. August. (7 October 2009). Available from: <http://www.christianaid.org.uk/images/biofuels-report-09.pdf>

- Chumroen Benchavitvilai. (2009). *Presentation on Jatropha in Myanmar*. Bangkok: Bioenergy Development (BED) Company Limited.
- Chusak, W., & Vandergeest, P. (Eds.). (2010). *The Politics of Decentralisation: Natural Resource Management in Asia*. Chiang Mai: Mekong Press.
- CIFOR. (2009). *The Impacts and Opportunities of Oil Palm in Southeast Asia*. Bogor: Center for International Forestry Research.
- Cline, W. (2007). *Global Warming and Agriculture: Impact Estimates by Country*. Washington, D.C.: Center for Global Development and Peterson Institute for International Economics.
- Coase, R. (1960). The Problem of Social Cost. *Journal of Law and Economics* , 3: 1-44.
- Collier, P. (2007). *The Bottom Billion: Why the Poorest Countries are Failing and What Can be Done About it*. New York: Oxford University Press.
- Collier, P., & Dercon, S. (2009). African Agriculture in 50 Years: Smallholders in a Rapidly Changing World? *Proceedings of the Expert Meeting on How to Feed the World in 2050 on 24-26 June 2009*. Rome: Food and Agriculture Organisation of the United Nations. (1 November 2009). Available from: <ftp://ftp.fao.org/docrep/fao/012/ak542e/ak542e00.pdf>
- Copeland, B., & Taylor, M. (2003). *Trade and the Environment: Theory and Evidence*. Princeton: Princeton University Press.
- Copeland, B., & Taylor, M. (2004). Trade, Growth and the Environment. *Journal of Economic Literature* , 42(1):1-128.
- Cornford, J. (2006). *Globalisation and Change in Southern Laos*. Bangkok: Focus on the Global South.
- Cornford, J., & Matthews, N. (2007). *Hidden Costs: The Underside of Economic Transformation in the Greater Mekong Subregion*. Victoria: Oxfam Australia (online). Available from: [www.oxfam.org.au/campaigns](http://www.oxfam.org.au/campaigns)
- Cosbey, A. (2009). *A Sustainable Development Roadmap for the WTO*. Winnipeg: International Institute for Sustainable Development. November.
- Cosbey, A. (2004). *Lessons Learned on Trade and Sustainable Development: Distilling Six Years of Research from the Trade Knowledge Network*. Winnipeg: International Institute for Sustainable Development and International Centre for Trade and Sustainable Development.
- Costanza, R. (2009). Towards a New Sustainable Economy. *Real-World Economics Review* (49), (31 May 2009 ). Available from: <http://www.paecon.net/PAERReview/issue49/Costanza49.pdf>.
- Cotula, L., Dyer, N., & Vermeulen, S. (2008). *Fuelling Exclusion? The Biofuels Boom and Poor People's Access to Land*. Rome: Food and Agriculture Organisation and the International Institute for Environment and Development.
- Cramer Commission. (2007). *Testing Framework for Sustainable Biomass*. The Netherlands.
- Cropper, M., & Oates, W. (1992). Environmental Economics: A Survey. *Journal of Economic Literature* , XXX: 675-740.

- Daly, H. (2008). *A Steady-State Economy: A failed growth economy and a steady-state economy are not the same thing, they are the very different alternatives we face*. Think piece prepared for the UK Sustainable Development Commission: April.
- Daly, H. (1996). *Beyond Growth: The Economics of Sustainable Development*. Boston: Beacon Press.
- Daly, H. (1993). Does Free Trade Harm the Environment? The Perils of Free Trade. *Scientific American*, November, 24-29.
- Daly, H. (1977). *Steady State Economics: The Economics of Biophysical Equilibrium and Moral Growth*. Boston: Beacon Press.
- Daly, H. (1995). The Irrationality of Homo Economicus: Interview with Herman Daly. (K. Hansen, Interviewer) *Developing Ideas: Economics at the Crossroads*. International Institute for Sustainable Development, 8 February (online). (3 September 2008 ). Available from: <http://www.iisd.org/didigest/special/DALY.HTM>
- Daly, H. (1993b). The Perils of Free Trade. *Scientific American*, November.
- Daly, H., & Goodland, R. (1994). An Ecological-Economic Assessment of Deregulation of International Commerce and GATT. *Ecological Economics*, 9(1).
- Daly, H., Cobb, & John. (1989). *For the Common Good: Redirecting the Economy towards Community, the Environment and a Sustainable Future*. Boston: Beacon Press.
- De Koninck, R. (2003). Southeast Asian Agriculture Post-1960: Economic and Territorial Expansion. In C. Sien (Ed.), *Southeast Asia Transformed: A Geography of Change* (pp. 191-230). Singapore: ISEAS.
- De Schutter, O. (2008). *Statement of the Special Rapporteur on the Right to Food*. Rome: Food and Agriculture Organisation of the United Nations, 18 November.
- Dearden, P. (Ed.). (2002). *Environmental Protection and Rural Development in Thailand: Challenges and Opportunities*. Bangkok: White Lotus.
- Dechalert, P. (1999). *NGOs, Advocacy and Popular Protest: A Case of Thailand*. Paper No. 6. London: Center for Voluntary Organization, London School of Economics and Political Science.
- DEDE. (2007). *Life Cycle Assessment of Ethanol from Cassava and Sugar Cane*. Bangkok: Department of Alternative Energy Development and Efficiency, Ministry of Energy, Thailand.
- DEDE. (2004). *Renewable Energy in Thailand: Ethanol and Biodiesel*. Bangkok: Department of Alternative Energy Development and Efficiency, Ministry of Energy, Government of Thailand.
- DEDE. (2009). *Status of Biofuels in Thailand's New Energy Research and Development*. Bangkok: Department of Alternative Energy Development and Efficiency, Ministry of Energy, Thailand.
- Dehue, B., Meyer, S., & Hamelick, C. (2007). *WWF - Towards A Harmonised Sustainable Biomass Certification*. Utrecht, The Netherlands: WWF.

- Deutsche Bank. (2009). *Investing in Agriculture: Far-Reaching Challenge, Significant Opportunity*. Frankfurt: Deutsche Bank's Climate Change Advisors (online). (22 September 2009 ). Available from:  
[http://www.dbcca.com/dbcca/EN/\\_media/Investing\\_in\\_Agriculture\\_July\\_13\\_2009.pdf](http://www.dbcca.com/dbcca/EN/_media/Investing_in_Agriculture_July_13_2009.pdf)
- Development Analysis Network (DAN). (2005). *The Cross Border Economies of Cambodia, Laos, Thailand and Vietnam*. Phnom Penh: Cambodian Development Research Institute.
- Devereux, C., & Lee, H. (2009). *Biofuels and Certification: A Workshop at Harvard Kennedy School*. Discussion Paper 2009-07. Cambridge, Mass: Belfer Center for Science and International Affairs, June (online). (15 September ). Available from: [www.belfercenter.org/enrp](http://www.belfercenter.org/enrp)
- Diamond, J. (2005). *Collapse: How Societies Choose To Fail Or Survive*. London: Penguin Books.
- Dong, F. (2007). *Food Security and Biofuel Development: the Case of China*. Center for Agriculture and Rural Development, Iowa State University (online): ( 15 October ). Available from:  
<http://www.card.iastate.edu/publications/DBS/PDFFiles/07bp52.pdf>
- Dore, J. (2007). Multi-Stakeholder Platforms: Unfulfilled Potential. In L. Lebel, J. Dore, R. Daniel, & Y. S. Koma (Eds.), *Democratising Water Governance in the Mekong Region* (pp. 197-226). Chiang Mai: Mekong Press.
- Dore, J. (2003). The Governance of Increasing Mekong Regionalism. In K.-a. Mingsarn, & J. Dore (Eds.), *Social Challenges for the Mekong Region* (pp. 405-435). Bangkok: White Lotus.
- Dornbusch, R., & Steenblik, R. (2007). *Biofuels: Is the Cure Worse than the Disease?* Paris: Organisation for Economic Cooperation and Development.
- Dryzek, J. (1987). *Rational Ecology. Environmental and Political Economy*. Oxford: Basil Blackwell.
- Dryzek, J. (1997). *The Politics of the Earth: Environmental Discourse*. Oxford: Oxford University Press.
- Dubbeldam, R. (2006). Meeting Agricultural Change in the Lao PDR. *Leisa* (online), (12 December 2009 ). Available from:  
[http://www.leisa.info/index.php?url=getblob.php&o\\_id=83153&a\\_id=211&a\\_seq=0](http://www.leisa.info/index.php?url=getblob.php&o_id=83153&a_id=211&a_seq=0)
- Dwyer, M. (2007). *Turning Land into Capital - A Review of Recent Research on Land Concessions for Investment in Lao PDR*. Vientiane: CIDSE-Laos.
- EcoEquity & SEI. (2008). *The Right to Development in a Climate Constrained World*. Stockholm: Stockholm Environment Institute.
- ECOFYS. (2009). *Trade Sustainability Impact Assessment for the Free Trade Area between the European Union and the Association for Southeast Asian Nations – Interim Report*. Rotterdam, The Netherlands: ECOFYS, March.
- Economist. (2007). 13 January.
- Economist. (2006-2009). Clipping File.

- Economist. (2009). Outsourcing's Third Wave: Rich Food Importers are Acquiring Vast Tracts of Poor Countries' Farmland: Is this beneficial foreign investment or neo-colonialism? *Economist* , 21 May.
- Economist. (2009). Whatever Happened to the Food Crisis? It Crept In. *Economist* , 2 July.
- Ederington, J., & Minier, J. (2003). Is Environmental Policy a Secondary Trade Barrier? An Empirical Analysis. *Canadian Journal of Economics* , 36(1):137-154.
- Eglin, R. (1998). Trade and Environment. In J. Bhagwati, & M. Hirsch (Eds.), *The Uruguay Round and Beyond* (pp. 250-263). Heidelberg: Springer-Verlag.
- Eisenstadt, S. (1966). *Modernisation, Protest and Change*. Englewood Cliffs, NJ: Prentice Hall.
- Eisenstadt, S. (2000). Multiple Modernities. *Daedalus* , 129 (1), pp. The entire issue is dedicated to the topic. 1-29.
- Ekins, P. (1992). *The Gaia Atlas of Green Economics*. New York: Anchor Books.
- Ekins, P. (1997). The Kuznets Curve for the Environment and Economic Growth: Examining the Evidence. *Environment and Planning* , 29(5):805-830.
- Ekins, P., Folke, C., & Costanza, R. (1994). Trade, Environment and Development: The Issues in Perspective. *Ecological Economics* , 9.
- Ekins, R. (1997). The Kuznets Curve for the Environment and Economic Growth: Examining the Evidence. *Environment and Planning* , 29(5):805-830.
- Elder, M., Sivapuram, P., Romero, J., & Matsumoto, N. (2008). Prospects and Challenges of Biofuels in Asia: Policy Implications. Institute for Global Environmental Strategies (IGES). In *Climate Change Policies in the Asia-Pacific: Re-uniting Climate Change and Sustainable Development*. (pp. 105-132). Kanagawa: IGES (online). (2 December). Available from: <http://enviroscope.iges.or.jp/modules/envirolib/view.php?docid=1598>
- Enders, A., & Porges, A. (1992). Successful Conventions and Conventional Success: Saving the Ozone Layer. In K. Anderson, & R. Blackhurst (Eds.), *The Greening of World Trade Issues* (pp. 130-144). Hempstead: Harvester Wheatsheaf.
- ESCAP. (2008). *Energy Security and Sustainable Development in Asia and the Pacific*. Bangkok: United Nations Economic and Social Commission for Asia and the Pacific.
- ESCAP. (2007). *Green Growth*. Bangkok: United Nations Economic and Social Commission for Asia and the Pacific.
- ESCAP. (2003). *Guidelines on Integration of Energy and Rural Development Policies and Programmes*. Bangkok: United Nations Economic and Social Commission for Asia and the Pacific.
- ESCAP. (2009). *Towards Sustainable Agriculture and Food Security in Asia and the Pacific*. Bangkok: United Nations Economic and Social Commission for Asia and the Pacific, April (online). ( 28 May 2009 ). Available from: <http://unescap.org/65/documents/Theme-Study/st-escap-2535.pdf>.

- Escobar, A. (2004). Beyond the Third World: Imperial Globality, Global Coloniality and Anti-Globalisation Social Movement. *Third World Quarterly*, 25 (1), 207-230.
- Escobar, A. (2004). Constructing Nature: Elements for a Post-Structuralist Political Ecology. In P. Hubbard, R. Kitchin, & G. Valentine (Eds.), *Key Thinkers on Space and Place* (pp. 113-120). London: Sage.
- Escobar, A. (1995). *Encountering Development: The Making and Unmaking of the Third World*. Princeton, N.J.: Princeton University Press.
- Escobar, A. (2008). *Territories of Difference: Place, Movements, Life, Redes*. Durham, N.J.: Duke University Press.
- Esty, D. (1994). *Greening the GATT: Trade, Environment and the Future*. Washington, D.C.: Institute for International Economics.
- Ethnic Community Development Forum. (2008). *Biofuel by Decree: Unmasking Burma's Bioenergy Fiasco*. Bangkok: Ethnic Community Development Forum.
- European Union (EU). (2003). Directive 2003/30/EC on the promotion of the use of biofuels and other renewable fuels for transport. *Official Journal of the European Union*, 17-5-2003.
- Ewing, K., & Tarasofsky, R. (1997). *The Trade and Environment Agenda: Survey of Major Issues and Proposals - From Marrakesh to Singapore*. Environmental Policy and Law Paper No. 33. Gland: International Union for the Conservation of Nature.
- Fahn, D. (2003). *A Land on Fire: The Environmental Consequences of the Southeast Asian Boom*. Chiang Mai: Silkworm Books.
- FAO. (2009). *An Analysis of the Myanmar Edible Oil Crops Sub-sector*. Bangkok: Food and Agriculture Organisation of the United Nations.
- FAO and PISCES. (2009). *Small-scale Bioenergy Initiatives*. Rome and Nairobi: Food and Agriculture Organisation of the United Nations and Policy Innovation Systems for Clean Energy Security.
- FAO. (2009). *Crop Prospects and Food Situation*. Rome: Food and Agriculture Organisation of the United Nations.
- FAO. (2008). *Declaration of the High-Level Conference on World Food Security: the Challenges of Climate*. Rome: Food and Agriculture Organisation.
- FAO. (2009). *Enabling Agriculture to Contribute to Climate Change Mitigation. Submission to the Ad Hoc Working Group on Long-term Cooperative Action under the Climate Change Convention (AWG-LCA), February 6*. Rome: Food and Agriculture Organisation.
- FAO. (2009). *Food Security and Agricultural Mitigation in Developing Countries: Options for Capturing Synergies*. Rome: Food and Agriculture Organisation of the United Nations.
- FAO. (2010). *Recent Trends in the Law and Policy of Bioenergy Production, Promotion and Use: Case Studies on Bioenergy Legislation*. Rome: Food and Agriculture Organisation of the United Nations.

- FAO. (2009). *Small-Scale Bioenergy Initiatives: Final Report*. Rome: Climate Change and Bioenergy Unit, Food and Agriculture Organisation.
- FAO. (2008). *State of Food and Agriculture - Biofuels: Prospects, risks and opportunities*. Rome: Food and Agriculture Organisation (online). (19 May 2009). Available from: at <http://www.fao.org/docrep/011/i0100e/i0100e00.htm>.
- FAO. (2009). *Technical Papers from the Expert Meeting on How to Feed the World in 2050*. prepared in June for the High-Level Expert Forum on 12-13 October 2009. Rome: Food and Agriculture Organisation of the United Nations (online). (1 November 2009). Available from: <ftp://ftp.fao.org/docrep/fao/012/ak542e/ak542e00.pdf>.
- FAO. (2009). *The State of Food Insecurity and the World*. Rome: Food and Agricultural Organisation of the United Nations.
- FAO. (2006). *World Agriculture: Towards 2030/2050*. Rome: Food and Agriculture Organisation (online). (22 May 2009). Available from: <http://www.fao.org/es/ESD/AT2050web.pdf>.
- FAO. (2007). *World Agriculture: Towards 2030/2050: Interim Report*. Rome: Food and Agriculture Organisation.
- Feeny, D. (1982). *The Political Economy of Productivity: Thai Agricultural Development: 1880-1975*. Vancouver: British Columbia Press.
- Ferris, J. (2009). Agriculture as Energy? The Wisdom of Biofuels. *Harvard International Review*, Summer.
- Financial Times. (31 March 2010). China Dam Plans Raise Mekong Fears.
- Fisher, D., & Freudenberg, W. (2001). Ecological Modernization and its Critics: Assessing the Past and Looking Towards the Future. *Society and Natural Resources*, 14(8):701-709.
- Forsyth, T., & Walker, A. (2008). *Forest Guardians, Forest Destroyers: The Politics of Environmental Knowledge in Northern Thailand*. Chiang Mai: Silkworm Books.
- Fox, J. (2009). *Crossing Borders, Changing Landscapes: Land Use Dynamics in the Golden Triangle*. Honolulu: East-West Center.
- Frasier, C. (2009). *Rewilding the World: Dispatches from the Conservation Revolution*. New York: Metropolitan.
- French, H. (1993). *Costly Trade-offs: Reconciling Trade and the Environment*. Worldwatch Paper 107. Washington, D.C.: Worldwatch Institute.
- Friedman, T. (2005). *The World is Flat: A Brief History of the Twenty-first Century*. New York: Farrar, Straus and Girroux.
- Fry, G. (2005). *Thailand and Its Neighbours: Interdisciplinary Perspectives*. Bangkok: Institute of Asian Studies, Chulalongkorn University.
- FTA Watch. (2005). *Free Trade Agreements and their Impact on Developing Countries: The Thai Experience*. Bangkok: FTA Watch.
- FTA Watch. (2005). *Free Trade Agreements and their Impact on Developing Countries: The Thai Experience*. Bangkok: FTA Watch.

- Fukayama, F. (1992). *The End of History and the Last Man*. New York: Free Press.
- Fullbrook, D. (2007). *Contract Farming in Lao PDR: Cases and Questions*. Vientiane: Laos Extension for Agriculture Project (LEAP).
- Fullbrook, D. (2010). *Food As Security in Laos: Challenges and Propsects*. Vientiane: Swiss Agency for Development and Cooperation.
- Gallopín, G., & Raskin, P. (2002). *Global Sustainability: Bending the Curve*. London: Routledge.
- Gandhi, V. (Ed.). (1996). *Macroeconomics and the Environment*. Washington, D.C.: International Monetary Fund.
- Gaonkar, D. (Ed.). (2001). *Alternative Modernities*. Durham, NC: Duke University Press.
- GATT. (1971). *Industrial Pollution Control and International Trade*. Geneva: General Agreement on Tariffs and Trade.
- Gaonkar, D. (Ed.). (2001). *Alternative Modernities*. Durham, NC: Duke University Press.
- Gay, D. (2009). *Reflexivity and Development Economics: Methodology, Policy and Practice*. London: Palgrave Macmillan.
- Giampietro, M., & Mayumi, K. (2009). *The Biofuel Delusion: the fallacy of large scale agro-biofuels production*. London: Earthscan.
- Giampietro, M., Ulgiati, S., & Pimentel, D. (1997). Feasibility of Large-scale Biofuel Production. *Bioscience*, 47 (9).
- Giddens, A. (2000). *Runaway World: How Globalisation is Reshaping Our Lives*. London: Routledge.
- Giddens, A. (1990). *The Consequences of Modernity*. Stanford, CA: Stanford University Press.
- Giddens, A. (2001). *The Consequences of Modernity*. Cambridge: Polity Press.
- Glipo, A. (2009). *Asia's Empty Food Bowl*. Quezon City, Philippines: Asia Pacific Network for Food Sovereignty (APNFS).
- GMS (Greater Mekong Subregion). (2002). *Making it Happen: A Common Strategy on Cooperation for Growth, Equity and Prosperity in the Greater Mekong Subregion*. Joint GMS Summit Declaration, Phnom Penh: 3 November.
- Goldemberg, J. (2009). The Brazilian Experience with Biofuel. *Innovations: Technology, Governance, Globalisation*, 4 (4), 91-107.
- Gonsalves, J. (2006). *An Assessment of the Biofuels Industry in India*. New York and Geneva: United Nations Conference on Trade and Development.
- Gonsalves, J. (2006). *An Assessment of the Biofuels Industry in Thailand*. Geneva: United Nations Conference on Trade and Development.
- Gore, A. (Director). (1996). *An Inconvenient Truth* [Motion Picture].
- Gore, A. (1992). *Earth in the Balance*. Boston: Houghton Mifflin.
- Gore, A. (2009). *Our Choice: A Plan to Solve the Climate Crisis*.
- Gould, S. J. (2002). *Rocks of Ages*. London: Vintage Books.



- GRAIN. (2008). *Seized: The 2008 land grab for food and financial security*. Washington, D.C.: GRAIN. Briefing Note, October.
- Greacen, C. (2005). *Renewable Energy: Overview of Policy Measures, Proposals for Short- Term Actoins and Related Research Needs*. Bangkok: King Mongut's Joint Graduate School for Energy and Environment.
- Greenpeace. (2009). *Illegal Forest Clearance and RSPO Greenwash: Case Studies of Sinar Mas*. ( 20 December 2009 at [www.greenpeace.org/sinarmas](http://www.greenpeace.org/sinarmas)).
- Grossman, G., & Krueger, A. (1995). Economic Growth and the Environment. *Quarterly Journal of Economics* , 353-377.
- Grossman, G., & Krueger, A. (1991). *Environmental Impacts of the North American Free Trade Agreement*. Working paper 3914. Cambridge, MA: National Bureau of Economic Research.
- GSEI. (2007). *A Study on Pollution Impact Mitigation in Industrial Development: Case Study for the Automobile Industry*. Bangkok: Good Governance for Social Development and the Environment Institute.
- GSI (Global Subsidies Initiative). (2008). *Biofuels - At What Cost? Government Support for Ethanol and Biodiesel in China*. Geneva: International Institute for Sustainable Development.
- GSI (Global Subsidies Initiative). (2008). *Biofuels at What Cost? Government Support for Biodiesel in Malaysia*. Winnipeg: International Institute for Sustainable Development.
- GTZ (German Technical Cooperation). (2008). *A Guide for Developing and Financing Biomass to Biofuel Investments*. Bangkok: GTZ-Thailand.
- GTZ (Oliver Schoenweger and Alfons Üllenberg). (2009). *Foreign Direct Investment in Land in Lao PDR*. Eschborn: Deutsche Gesellschaft für Technische Zusammenarbeit.
- GTZ (Segschneider, K., Chaikao, T., Chaiwut, S., & Maeroh, R.). (2008). *Report of the Field Survey on Sustainable Palm Oil in Thailand and Compliance with International Standards*. Bangkok: Eschborn: Deutsche Gesellschaft für Technische Zusammenarbeit.
- Guardian (Claudia Ciobanu). (2009, December 9). Brazil Defends Biofuels at Copenhagen Summit (online). ). Available from: <http://www.guardian.co.uk/environment/2009/dec/09/biofuels-brazil-copenhagen-summit>.
- Haas, P. (2004). When Does Power Listen to Truth? A Constructivist Approach to the Policy Process. *Journal of European Public Policy* , 11 (August): 569-592.
- Haas, P., Keohane, R., & Levy, M. (Eds.). (1993). *Institutions for the Earth: Sources of Effective International Enviornmental Protection*. Cambridge, MA: MIT Press.
- Habermas, J. (1987). *The Philosophical Discourse of Modernity*. (F. Lawrence, Trans.) London: Polity.
- Habermas, J. (1989). *The Structural Transformation of the Public Sphere: An Inquiry into a Category of Bourgeois Society*. Published in German in 1962 by Herman Luchterhand Verlag, Darmstadt. Cambridge, MA: MIT Press.

- Hall, D. (2009). The 2008 World Development Report and the Political Economy of Southeast Asian Agriculture. *Journal of Peasant Studies*, 36 (3), 603-609.
- Halle, M. (2008). New Approaches to Trade Governance. In *State of the World Report*. Washington, D.C.: Worldwatch Institute, Chapter 14.
- Halle, M. (2007). The WTO and Sustainable Development. In *The WTO in the Twenty-first Century - Dispute Settlement, Negotiations and Regionalism in Asia*. Cambridge: Cambridge University Press.
- Hamwey, R. (2005). *Expanding National Policy Space for Development: Why the Multilateral Trading System Must Change*. Development and Comp Systems (online). ( 6 August 2008 ). Available from: <http://ideas.repec.org/p/wpa/wuwpdc/0511005.html>.
- Hamwey, R. (2005). *Expanding National Policy Space for Development: Why the Multilateral Trading System Must Change*. Development and Comp Systems (online). ( 6 August ). Available from: <http://ideas.repec.org/p/wpa/wuwpdc/0511005.html>.
- Hardin, G. (1968). The Tragedy of the Commons. *Science*, 162: 1243-1248.
- Harris, J. (1996). World Agricultural Futures: Regional Sustainability and Ecological Limits. *Ecological Economics*, 17, 95-115.
- Haverkamp, J., & Parker, L. (2007). Governments Must Act to Boost Trade in Biofuels: WTO rules covering biofuels and feedstocks need updating. *Bioenergy Business*, September. 18-20.
- Hawken, P., Lovins, A., & Lovins, H. (1999). *Natural Capitalism: Creating the Next Industrial Revolution*. New York: Little, Brown.
- Hayami, Y. (2001). Ecology, History and Development: A Perspective from Rural Southeast Asia. *World Bank Research Observer*, 2, 169-198.
- Hazell, P., & Pachauri, R. (2006). Bioenergy and Agriculture: Promises and Challenges. *Focus*, International Food Policy Research Institute. 14 December (online). ( 22 October 2009 ). Available from: <http://www.ifpri.org/sites/default/files/publications/focus14.pdf>.
- Heinemann, J. (2009). *Hope not Hype: The Future of Agriculture*. Penang: Third World Network.
- Held, D., & McGrew, A. (2007). *Globalisation Theory: Approaches and Controversies*. Cambridge: Polity Press.
- Hewison, K. (1999). *Hewison, K., 1999. Localism in Thailand: A Study of Globalisation and its Discontents*. University of Warwick: Center for the Study of Globalisation and Regionalisation.
- Hewison, K. (2000). Thailand's Capitalism Before and After the Economic Crisis. In R. Robison, M. Beeson, K. Jayasuriya, & H.-R. Kim (Eds.), *Politics and Markets in the Wake of the Asian Crisis* (pp. 192-211). London: Routledge.
- Hewison, K. (2001). Thailand's Capitalism: Development through Boom and Bust. In G. Rodan, K. Hewison, & R. Robison (Eds.), *The Political Economy of Southeast Asia: Conflicts, Crises and Change*. Melbourne: Oxford University Press.

- Hicks, Charlotte; Saykham Voladeth; Shi Weiyi; Guifeng Zhong; Lei Sun; Quang Pham; Kalina, Marc. (2009). *Rubber Investments and Market Linkages in Lao PDR: Approaches for Sustainability*. Vientiane: IUCN.
- Hirsch, P. (1990). *Development Dilemmas in Rural Thailand*. Singapore: Oxford University Press.
- Hirsch, P. (1996). Economic Integration and Political Economy of Environment in the Mekong River Basin. In R. Clemenson (Ed.), *Economic Integration and Environment in Southeast Asia*. Institute on Global Conflict and Cooperation Policy Papers. Berkeley: University of California.
- Hirsch, P. (1993). *Political Economy of Environment in Thailand*. Manila: Journal of Contemporary Asia Publishers.
- Hirsch, P. (1997). *Seeing Forests for Trees: Environment and Environmentalism in Thailand*. Chiang Mai: Silkworm Books.
- Hirsch, P. (1995). Thailand in the New Geopolitics of Southeast Asia. In J. Rigg (Ed.), *Counting the Costs: Economic Growth and Change in Thailand*. Singapore: Institute of Southeast Asian Studies.
- Hirsch, P., & Warren, C. (Eds.). (1998). *The Politics of Environment in Southeast Asia: Resources and Resistance*. London: Routledge.
- Hoekman, B., Mattoo, A., & English, P. (Eds.). (2002). *Development, Trade and the WTO: A Handbook*. Washington, D.C.: The World Bank.
- Holton, R. J. (1985). *The Transition from Feudalism to Capitalism*. New York: St. Martin's Press.
- Hossain, N. (2009). Reading Political Responses to Food, Fuel and Financial Crises: The return of the moral economy? *Development*, 52, 329–333.
- Howarth, R., & Bringezu, S. (Eds.). (2009). *Biofuels: Environmental Consequences and Interactions with Changing Land Use. Proceedings of the Scientific Committee on Problems of the Environment (SCOPE) International Biofuels Project Rapid Assessment, 22-25 September 2008, Gummersbach Germany*. Ithaca, New York: Cornell University. ( 25 October 2009 at <http://cip.cornell.edu/biofuels/>).
- Howse, R., Bork, P. V., & Hebebrand, C. (2006). *WTO Disciplines and Biofuels: Opportunities and Constraints in the Creation of a Global Marketplace*. Washington, D.C.: International Food and Agricultural Trade Policy Council.
- Hunsaker, B. (1998). Ecological Forces for Administrative Reform: The Thai National Environmental Quality Act of 1992. *Journal of Political and Military Sociology*, Summer.
- IAASTD (International Assessment of Agricultural Knowledge, Science). (2009). *Agriculture at a Crossroads: Synthesis Report*. Washington, D.C.: Island Press.
- ICEM. (2003). *Thailand National Report on Protected Areas and Development in the Lower Mekong River Region*. Indooroopilly: International Centre for Environmental Management.
- ICRISAT (International Crops Research Institute for the Semi-Arid Tropics). (2007). *Pro-Poor Biofuels Outlook for Asia and Africa: ICRISAT's Perspective*. Patancheru, Andhra Pradesh: ICRISAT.

- IDRC. (2009). *Plotting Climate Change Hotspots*. Singapore: International Development and Research Centre: Economy and Environment Program for Southeast Asia (EEPS) (online). ( 5 October ). Available from: [http://www.idrc.ca/eepsea/ev-148556-201-1-DO\\_TOPIC.html](http://www.idrc.ca/eepsea/ev-148556-201-1-DO_TOPIC.html).
- IEA. (2004). *Biofuels for Transport*. Paris: International Energy Agency.
- IEA. (2007). *World Energy Outlook 2006*. Paris: International Energy Agency.
- IEA. (2009). *World Energy Outlook*. Paris: International Energy Agency.
- IEA-Bioenergy. (2009). *Bionenergy Strategic Plan 2010-2016*. Paris: International Energy Agency. Assessed on 15 April 2010 at [www.ieabioenergy.com](http://www.ieabioenergy.com).
- IFAD, IIED & FAO. (2009). *Land Grab or Development Opportunity? Agricultural Investment and International Land Deals in Africa*. London: International Fund for Agricultural Development, International Institute for Environment and Development & Food and Agriculture Organisation.
- IFPRI. (2006). *Bioenergy and Agriculture: Promises and Challenges*. Washington, D.C.: International Food Policy Research Institute.
- IFPRI. (2007). *The World Food Situation: New Driving Forces and Required Actions*. Washington, D.C.: International Food Policy Research Institute (online). ( 19 May 2009 ). Available from: <http://www.ifpri.org/pubs/fpr/pr18.pdf>.
- IGES. (2008). *Climate Change Policies in the Asia-Pacific: Re-Uniting Climate Change and Sustainable Development*. Institute for Global Environmental Strategies White Paper. Hayama: Sato Printing.
- IISD and UNEP. (2005). *Environment and Trade: A Handbook* (2nd ed.). Winnipeg & Geneva: International Institute for Sustainable Development and the United Nations Environment Program.
- Ingram, J. (1955). *Economic Change in Thailand since 1850*. Stanford: Stanford University Press.
- Ingram, J. (1971). *Economic Change in Thailand: 1850-1970*. Stanford: Stanford University Press.
- IPCC. (2007). *Forth Assessment Synthesis Report Summary for Policymakers. Report by the Intergovernmental Panel for Climate Change* (online). Available from: [http://www.ipcc.ch/pdf/assessment-report/ar4/syr/ar4\\_syr\\_spm.pdf](http://www.ipcc.ch/pdf/assessment-report/ar4/syr/ar4_syr_spm.pdf).
- IPCC. (2007). *Forth Assessment Synthesis Report Summary for Policymakers. Report by the Intergovernmental Panel for Climate Change* (online). Available from: [http://www.ipcc.ch/pdf/assessment-report/ar4/syr/ar4\\_syr\\_spm.pdf](http://www.ipcc.ch/pdf/assessment-report/ar4/syr/ar4_syr_spm.pdf).
- Iwabuchi, K. (2002). *Recentering Globalisation: Popular Culture and Japanese Transnationalism*. London: Duke University Press.
- IWMI (International Water Management Institute). (2008). *Comprehensive Assessment of Water Management in Agriculture*. London: Earthscan.
- IWMI (Robyn Johnston, Chu Thai Hoanh, Guillaume Lacombe, Andrew Noble). (2009). *Scoping Study on Climate Change and Natural Resources in Southeast Asia with a Focus on Agriculture*. Report prepared for the Swedish International Development Cooperation Agency. Colombo, Sri Lanka: International Water Management Institute.

- IWMI (Robyn Johnston; Chu Thai Hoanh; Guillaume Lacombe; Andrew Noble; Vladimir Smakhtin; Diana Suhardiman; Suan Pheng Kam; Poh Sze Choo). (2010). *Rethinking Agriculture in the Greater Mekong Subregion: How to sustainably meet food needs, enhance ecosystem services and cope with climate change*. Colombo, Sri Lanka: International Water Management Institute.
- Jackson, J. (1989). *The World Trading System*. Cambridge, MA: MIT Press.
- Jackson, T. (2009). *Prosperity Without Growth: Economics for a Fragile Planet*. London: Earthscan. October.
- Javorcik, B., & Wei, S.-J. (2004). Pollution Havens and Foreign Direct Investment: Dirty Secret or Popular Myth? *Contributions to Economic Analysis and Policy*, 3(2): Article 8.
- JGSEE (Joint Graduate School of Energy and Environment). (2009). *A Decade of Achievements: 1998-2008*. Thonburi: King Mongkut's University of Technology.
- Jha, V. (2009). *Climate Change, Trade and Production of Energy Supply Goods: The Need for Levelling the Playing Field*. Presentation at the International Center for Trade and Sustainable Development Seminar, 30 April 2009, Bangkok.
- Jha, V. (1998). Developing Country Perspectives. In D. Brack (Ed.), *Trade and Environment: Conflict or Compatibility?* (pp. 78-99). London: Royal Institute of International Affairs.
- Jha, V. (Ed.). (2006). *Environmental Regulation and Food Safety: Studies of Protection and Protectionism*. International Development Research Center. Northampton MA: Edward Elgar (online). (on 26 August ). Available from: <http://www.idrc.ca/openebooks/185-X/>.
- Jha, V., Markandeya, A., & Vossenaar, R. (1999). *Reconciling Trade and the Environment: Lessons from Case Studies in Developing Countries*. Northampton MA: Edward Elgar.
- Jit, P. (1996). *The Face of the Thai Sakdina*. (M. Connors, Trans.) Bangkok: Agsorn Sampan.
- Johnson, A., & Earle, T. (2000). *The Evolution of Human Society: From Foraging Group to Agrarian State* (2nd ed.). Stanford: Stanford University Press.
- Jornal do Brasil. (2009, May 30). Biofuels do not harm food production.
- Juma, C. (2005). The New Age of Biodiplomacy. *Georgetown Journal of International Affairs*, Winter/Spring: 123-130.
- Kalina, M. (2009). Building for the Future: A Framework for Sustainable Road Construction in Lao PDR. *Chulalongkorn University Journal of Social Science*, 39 (2).
- Karlsson, G., & Banda, K. (2009). *Biofuels for Sustainable Rural Development and Empowerment of Women: Case Studies from Africa and Asia*. Gland: Energia and IUCN.
- Kartha, S., & Larson, E. (2000). *Bioenergy Primer. Modernised Biomass Energy for Sustainable Development*. New York: United Nations Development Program.

- Kawasaki Report. (2003). Quantitative Analysis of Trade Liberalisation between Japan and Thailand. In *Japan-Thailand Economic Partnership Agreement Task Force Report*. Tokyo: Ministry of Foreign Affairs. December, Attachment 4 (online). (21 August 2009 ). Available from: <http://www.mofa.go.jp>.
- Keam, S., & McCormick, N. (2008). *Implementing Sustainable Bioenergy Production: A Compilation of Tools and Approaches*. Gland: International Union for Conservation of Nature (IUCN).
- Keohane, R., & Nye, S. (1989). *Power and Interdependence* (2 ed.). Glenview: Scott Foresman.
- Keynes, J. M. (1924). *A Tract on Monetary Reform*. London: Macmillan.
- Khien, T. (2003). Relationships With and Between the Mekong Region in the Context of Globalisation. In M. Kaosa-ard, & J. Dore (Eds.), *Social Challenges for the Mekong Region* (pp. 49-80). Bangkok: White Lotus.
- Khor, M. (2008). *Food Crisis, Climate Change and the Importance of Sustainable Agriculture*. Penang: Third World Network.
- Kimble, M. (2009). It's Not About Ethanol, It's About Sugarcane (Innovations Case Discussion: The Brazilian Experience with Biofuels). *Innovations* , 4 (4), 109-123.
- King, P., & Mori, H. (2007). The Development of Environmental Policy. *International Review for Environmental Strategies* , Best Practice on Environmental Policy in Asia and the Pacific, Institute for Global Environmental Strategies. 7(1)133-146.
- King, V. (2008). *The Sociology of Southeast Asia: Transformations in a Developing Region*. Copenhagen: Hawai'i Press.
- Klanarong, S. (2006). *An Assessment on the Potential of Raw Materials for Ethanol Production*. Thonburi: King Mongkut's University of Technology.
- Klasen, S. (2005). *Economic Growth and Poverty Reduction: Measurement and Policy Issues*. Development Center Working Paper 246. Paris: Organization for Economic Cooperation and Development (online). (21 August 2008 ). Available from: <http://www.oecd.org/dataoecd/42/14/35393795.pdf>.
- Klausner, W. (1998). *Thai Culture in Transition*. Bangkok: Siam Society.
- Knobl, W. (2003). Theories that Won't Pass Away: The Never-Ending Story of Modernisation Theory. In G. Delanty, & E. Isin (Eds.), *Handbook of Historical Sociology* (pp. 96-107). London: Sage.
- Kohpaiboon, A. (2003). Foreign Trade Regimes and the FDI-growth Nexus: A Case Study of Thailand. *Journal of Development Studies* , 40(2):55-69.
- Kohpaiboon, A., & Jongwanich, J. (2006). Does FTA Export Creation Exist? Evidence from Thai Manufacturing. *Globalisation and Regional Economic Development Conference, 15-16 December 2006*. Korea.
- Kojima, M., & Johnson, T. (2005). *Potential for Biofuels for Transport in Developing Countries*. World Bank: Washington, D.C.
- Krueger, R., & Gibbs, D. (Eds.). (2007). *The Sustainable Development Paradox*. New York: Guilford Press.

- Kuhn, T. (1962). *The Structure of Scientific Revolution*. Chicago: University of Chicago Press.
- Kullada, K. (2004). *The Rise and Decline of Thai Absolutism*. London: RoutledgeCurzon.
- Kuznets, S. (1952). Economic Growth and Income Inequality. *American Economic Review*, 45(1):501-538.
- Laird, D. (2008). The Charcoal Vision: A Win–Win–Win Scenario for Simultaneously Producing Bioenergy, Permanently Sequestering Carbon, while Improving Soil and Water Quality. *Agronomy Journal*, 100, 178-181.
- Lao PDR. (2010). *Agriculture, Natural Resources and Rural Development Strategy to 2020 (Draft Zero)*. Vientiane: Ministry of Agriculture and Forestry.
- Latour, B. (2007, December 27). Interview in the series How to Think About Science. *Ideas (Episode 5)*. (P. Kennedy, Interviewer) CBC (online). (1 November 2009). Available from: <http://www.cbc.ca/ideas/features/science/index.html#episode5>.
- Latour, B. (1993). *We Have Never Been Modern*. Hempstead: Harvester Wheatsheaf.
- Lebel, L. (2005). The Politics of Scale, Position and Place in the Governance of Water Resources in the Mekong Region. *Ecology and Society*, 10 (2).
- Lebel, L., Dore, J., Daniel, R., & Koma, Y. (Eds.). (2007). *Democratizing Water Governance in the Mekong Region*. Chiang Mai: Mekong Press.
- Lebel, L., Dore, J., Daniel, R., & Koma, Y. S. (Eds.). (2007). *Democratizing Water Governance in the Mekong Region*. Chiang Mai: Mekong Press.
- Leblond, J.-P. (2008). *The Retreat of Agricultural Lands in Thailand*. Montreal: Canada Research Chair in Asian Studies. (LaoFAB) (online). Available from: [www.caac.umontreal.ca/en/chatsea\\_intro.html](http://www.caac.umontreal.ca/en/chatsea_intro.html).
- Levy, M. (1966). *Modernization and the Structure of Societies*. Princeton, NJ: Princeton University Press.
- Lim Keng Yaik. (2009). Green Neocolonialism. *New York Times*, 6 October (online). (5 December). Available from: <http://www.nytimes.com/2009/10/07/opinion/07iht-edyaik.html>.
- Linkham, D., Bansa, T., & Noble, A. (2008). *Meeting Regional and Global Demands for Rubber: A Key to Poverty Alleviation in Lao PDR*. Bangkok: Sustainable Mekong Research Network (SUMERNET).
- Lipset, S. (1959). Some Social Requisites of Democracy: Economic Development and Political Legitimacy. *American Political Science Review*, 53:69-105.
- LIRE & LEAP. (2009). *Policy Brief on Jatropha*. Vientiane: Lao Institute for Renewable Energy & Lao Extension for Agriculture Project. 15 May. ). Available from: the LaoFAB Document Repository [www.laofab.org/document/view/521](http://www.laofab.org/document/view/521).
- LIRE. (2008). *Biofuel Promotion and Development in Lao PDR*. Vientiane: Lao Institute for Renewable Energy.

- Lopez, G., & Laan, T. (2008). *Biofuels - At What Cost? Government Support for Biodiesel in Malaysia*. Geneva: Global Subsidies Initiative, International Institute for Sustainable Development.
- Low, P. (Ed.). (1992). *International Trade and the Environment*. World Bank Discussion Paper 159. Washington, D.C.: World Bank.
- Low, P., & Yeats, A. (1992). Do Dirty Industries Migrate? In P. Low (Ed.), *International Trade and the Environment* (pp. 89-104). Washington, D.C.: World Bank.
- Lyotard, J. (1984). *The Post Modern Condition: A Report on Knowledge*. (G. B. Massumi, Trans.) Minnesota: University of Minnesota Press.
- MacNeill, J., Winsemius, P., & Yakushiji, T. (1991). *Beyond Interdependence: The Mmeshing of the World's Economy and the Earth's Ecology*. New York: Oxford University Press.
- Malaysian Rubber Board. (2009). *Rubber Statistics*.
- Manas, C., & Turton, A. (Eds.). (1991). *Thai Constructions of Knowledge*. London: School of Oriental and African Studies.
- Mangabeira Unger, Roberto. (1998). *Democracy Realised: The Progressive Alternative*. London: Verso.
- Mani, M., & Wheeler, D. (1998). In Search of Pollution Havens? Dirty Industry in the World Economy, 1960 to 1995. *Journal of Environmental Development*, 7(3):215-247.
- Mann, H., & Porter, S. (Eds.). (2003). *The State of Trade and Environment Law: Implications for Doha and Beyond*. Winnipeg: International Institute for Sustainable Development.
- Marceau, G. (1999). A Call for Coherence in International Law - Praises for the Prohibition Against "Clinical Isolation" in WTO Dispute Settlement. *Journal of World Trade*, 33.
- Markandya, A., & Setboonsarng, S. (2008). *Organic Crops or Energy Crops? Options for Rural Development in Cambodia and Lao PDR*. Tokyo: Asian Development Bank Institute (online). ( 31 August 2009 ). Available from: [www.adbi.org/discussion-paper/2008/04/11/2523.organic.crops.energy.crops/](http://www.adbi.org/discussion-paper/2008/04/11/2523.organic.crops.energy.crops/).
- Martinelli, A. (2005). *Global Modernisation: Rethinking the Project of Modernity*. London: Sage.
- Martinelli, A. (2003). Markets, Government, Communities and Global Governance. *International Sociology*, 18 (2), 291-323.
- Martinelli, L. A., & Filoso, S. (2008). Expansion of Sugarcane Ethanol Production in Brazil: Environmental and Social Challenges. *Ecological Applications*, 18, 885-898.
- Martinez-Torres, M. E., & Rosset, P. (2010). La Via Campesina: The Birth and Evolution of a Transnational Social Movement. *Journal of Peasant Studies*, 37 (1).
- Mathews, J. (2007). Biofuels: What a Biopact Between North and South Could Achieve. *Energy Policy*, 35 (7), 3550-3570.



- McCargo, D., & Ukrist, P. (2005). *The Thaksinisation of Thailand*. Copenhagen: Nordic Institute of Asian Studies.
- McCulloch, N., Winters, A., & Cirera, X. (2001). *Trade Liberalisation and Poverty: A Handbook*. London: Center for Economic Policy Research.
- McDonald, A., & Hobbs, P. (2009). *Stubborn Facts: Still no evidence*.
- Meadows, D. J. (2004). *Limits to Growth: The Thirty Year Update*. White River: Chelsea Green Publishing.
- Meadows, D. (1972). *The Limits to Growth*. Report of the Club of Rome. New York: Universe Books.
- Mehta, L., Leach, M., Newell, P., Scoones, I., Sivaramakrishnan, K., & Way, S. (1999). *Exploring Understandings of Institutions and UNCertainty: New Directions in Natural Resource Management*. Institute of Development Studies. Brighton: University of Sussex.
- Meléndez-Ortiz, R., Bellman, C., & Hepburn, J. (Eds.). (2009). *Agricultural Subsidies in the WTO Green Box: Ensuring Coherence with Sustainable Development Goals*. Cambridge: Cambridge University Press.
- Meyfroidt, P., & Lambin, E. (2009). Forest Transition in Vietnam and Displacement of Deforestation Abroad. *Proceedings of the National Academy of Sciences*.
- Milazzo, M. (1998). *Subsidies in World Fisheries: A Re-examination*. World Bank Technical Paper 406. Washington, D.C.: World Bank.
- Millennium Ecosystem Assessment. (2005). *Ecosystems and Human Well-being: Synthesis*. United Nations Millennium Ecosystem Assessment. Washington, D.C.: Island Press.
- Mingsarn Kaosa-ard. (2005). Natural Resources and the Environment. In P. Warr, *Thailand Beyond the Crisis* (pp. 315-340). London: RoutledgeCurzon.
- Mingsarn, K.-a., & Dore, J. (Eds.). (2003). *Social Challenges for the Mekong Region*. Bangkok: White Lotus.
- Mingsarn, K.-a., & Pornpen, W. (Eds.). (2000). *The State of Environment in Thailand: A Decade of Change*. Bangkok: Thailand Development Research Institute.
- Ministry of Agriculture and Cooperatives. (2008). *Data from Thailand National Statistics website* (online). Available from: [www.nso.go.th](http://www.nso.go.th).
- Minqi, L. (2008). The Age of Transition: The US, China, Peak Oil and the Demise of Neoliberalism. *Monthly Review* (online). ( 28 August 2009 ). Available from: <http://www.monthlyreview.org/080401li.php>.
- Mittal, A. (2009). *The 2008 Food Price Crisis: Rethinking Food Security Policies*. G-24 Discussion Paper Series No. 56. Geneva: United Nations Conference on Trade and Development, June.
- Mol, A. (2010). Environmental Authorities and Biofuel Controversies. *Environmental Politics*, 19 (1), 61-79.
- Mol, A. (2001). *Globalisation and Environmental Reform*. Cambridge, MA: MIT Press.

- Mol, A., & Spaargaren, G. (2000). Ecological Modernisation Theory in Debate: A Review. *Environmental Politics*, 9(1):17-49.
- Mol, A., & Spaargaren, G. (Eds.). (2002). *The Environmental State Under Pressure*. Berkely: University of California Press.
- Mol, A., & Spaargren, G. (1993). Environment, Modernity and the Risk Society: The Apocalyptic Horizon of Environmental Reform. *International Sociology*, 8(4):431- 459.
- Molle, F. (2007). Irrigation and Water Politics: Trends and Challenges. In L. Lebel, J. Dore, R. Daniel, & Y. Koma (Eds.), *Democratising Water Governance in the Mekong* (pp. 9-36). Chiang Mai: Mekong Press.
- Molle, F., & Thippawal, S. (Eds.). (2003). *Thailand's Rice Bowl: Perspectives on Agricultural and Social Change in the Chao Phraya Delta*. Bangkok: White Lotus.
- Molle, F., Foran, T., & Kakonen, M. (Eds.). (2009). *Contested Waterscapes in the Mekong Region: Hydropower, Livelihoods and Governance*. London: Earthscan.
- Mongabay.com. (2009, September 9). *World Bank's IFC suspends lending to palm oil companies* (online). ( 22 September, 2009 ). Available from: from Mongabay: [http://news.mongabay.com/2009/0909-palm\\_oil\\_ifc.html](http://news.mongabay.com/2009/0909-palm_oil_ifc.html)
- Morse, E. (2009). Low and Behold: Making the Most of Cheap Oil. *Foreign Affairs*, 5 (88).
- Muanpong, J., & Winston, A. (2009). *Regional Migration: A Feasible Option for Livelihood Diversification for the Mekong's Poor?* Bangkok: Sustainable Mekong Research Network (SUMERNET).
- Mukhopadhyay, K. (2006). Impact on the environment of Thailand's trade with OECD countries. *Asia-Pacific Trade and Investment Review*, (2)1, May (online). ( 0 May 2008 ). Available from: [http://www.unescap.org/tid/publication/aptir2414\\_kakali.pdf](http://www.unescap.org/tid/publication/aptir2414_kakali.pdf).
- Munasinghe, M. (Ed.). (1996). *Environmental Impacts of Macroeconomic and Sectoral Policies*. Washington, D.C.: International Society for Ecological Economics, World Bank and United Nations Environment Program.
- Murphy, D. (2009). *Agriculture and Climate Change: A Post 2012 Agreement Must Give Agriculture the Attention It Deserves*. Winnipeg: International Institute for Sustainable Development, December (online). ( 15 January 2010 ). Available from: [http://www.iisd.org/pdf/2009/com\\_agriculture\\_climate\\_post\\_2012.pdf](http://www.iisd.org/pdf/2009/com_agriculture_climate_post_2012.pdf).
- Murphy, S. (2008). Globalisation and Corporate Concentration in the Food and Agriculture Sector. *Development*, 51 (4), 527-533.
- Myanmar Perennial Crops Enterprise (MPCE). (2009). *Oil Crop Development*. updated on 11 November 2009. Yangon: Ministry of Agriculture and Irrigation (MOAI).
- Myers, A., & Wharton, D. (Eds.). (2005). *The Cross Border Economies of Cambodia, Laos, Thailand and Vietnam*. Phnom Penh: Cambodian Development Resource Institute.

- Myers, N., & Tickell, C. (2003). The No-Win Madness of Catch-22 Subsidies. *Financial Times* (28 July) (online). (28 August 2008 ). Available from: <http://www.crispintickell.com/page48.html>.
- Najam, A., Halle, M., & Meléndez-Ortiz, R. (Eds.). (2007). *Trade and Environment: A Resource Book*. Winnipeg and Geneva: International Institute for Sustainable Development and International Center for Trade and Sustainable Development.
- Narongchai Akrasanee. (1975). *The Structure of Effective Protection in Thailand: A Study of Industrial and Trade Policies in the Early 1970s*. Bangkok: National Economic and Social Development Board.
- Nation (Petchanet Pratuangkrai). (2009). Commerce to Increase Corn Subsidy Volume. *The Nation*, 20 January (online). (on 29 January 2009 ). Available from: [http://www.nationmultimedia.com/2009/01/20/business/business\\_30093665.php](http://www.nationmultimedia.com/2009/01/20/business/business_30093665.php).
- Nation. *Clipping file 2007-2009*. Bangkok.
- Nellemann, C. (Ed.). (2009). *The Environmental Food Crisis: the environment's role in averting future food crises*. A UNEP Rapid Response Assessment. Nairobi: United Nations Environment Programme.
- NESDB. (2007). *Tenth National Economic and Social Development Plan (2007-2011)*. Bangkok: National Economic and Social Development Board.
- Neumayer, E. (2001). How Regime Theory and Economic Theory of International Environmental Cooperation Can Learn From Each Other. *Global Environmental Politics*, 1: 122-147.
- Nguyen, T., & Gheewala, S. (2008). Fossil Energy, Environmental and Cost Performance of Ethanol in Thailand. *Journal of Cleaner Production*, 16, 1814-1821.
- Nguyen, T., & Gheewala, S. (2008). Fuel Ethanol From Cane Molasses in Thailand: Environmental and Cost Performance. *Energy Policy*, 36, 1589-1599.
- Nguyen, T., Gheewala, S., & Garivait, S. (2007). Full Chain Energy Analysis of Fuel Ethanol from Cassava in Thailand. *Environmental Science and Technology*, 41 (11), 4135-42.
- Nguyen, T., Gheewala, S., & Savitri, G. (2008). Full Chain Energy Analysis of Fuel Ethanol from Cane Molasses in Thailand. *Applied Energy*, 85, 722-734.
- Nipon Poapongsakorn. (2008). Thailand. In *Overview of the Biofuel Sectors in Selected Asian and Latin American Countries* (pp. 45-49). Asia Latin-America Agri-Food Research Network (ALARN). São Paulo: Instituto de Estudos do Comércio e Negociações Internacionais (ICONE).
- Nipon, P., Ruhs, M., & Sumana, T. (1998). Problems and Outlook of Agriculture in Thailand. *TDR Quarterly Review*, 13 (2), 3-14.
- Nitkham Chanthavong; Khamsing Xayleuxong; Somneuk Chitpanya; Nathan Badenoch; Thongsavanh Keonakhone. (2009). *Rubber Institutions in Ban Hat Nyao: Managing Trees, Markets and Producers*. Vientiane: NAFRI Uplands Research and Capacity Development Programme, Luang Prabang.
- Nobel Prize. (2007). *Peace Laureates* (online). (1 September ). Available from: [www.nobelprize.org/nobel\\_prizes/peace/laureates/2007/press.html](http://www.nobelprize.org/nobel_prizes/peace/laureates/2007/press.html).

- Norgaard, R. (1994). *Development Betrayed: The End of Progress and a Coevolutionary Revisioning of the Future*. London: Routledge.
- Norstrom, H., & Vaughan, S. (1999). *Trade and Environment*. Special Studies 4. Geneva: World Trade Organization.
- Nozaki, A., & Baker, C. (Eds.). (2003). *Village Communities, States, and Traders*. Bangkok: Sangsan.
- Oates, W., & Portney, P. (2001). *The Political Economy of Environmental Policy*. Discussion Paper 01-55. Washington, D.C.: Resources for the Future.
- OECD. (2000). *Assessing the Environmental Effects of Trade Liberalisation Agreements*. Paris: Organisation for Economic Cooperation and Development.
- OECD. (2008). *Economic Assessment of Biofuel Support Policies*. Paris: Organisation for Economic Cooperation and Development.
- OECD. (1970). *Guiding Principles Concerning International Economic Aspects of Environmental Policy*. Paris: Organisation for Economic Cooperation and Development.
- OECD. (2008). *Rising Food Prices, Causes and Consequences*. Paris: Organisation for Economic Cooperation and Development (online). (22 May 2009 ). Available from: <http://www.oecd.org/dataoecd/54/42/40847088>.
- OECD. (1998). *The Environmental Effects of Reforming Agricultural Policies*. Paris: Organisation for Economic Cooperation and Development.
- OECD. (1994). *The Environmental Effects of Trade*. Paris: Organisation for Economic Cooperation and Development.
- OECD. (1975). *The Polluter Pays Principle*. Paris: Organisation for Economic Cooperation and Development.
- OECD/FAO. (2008). *Agricultural Outlook 2008-2015*. Paris: Organisation for Economic Cooperation and Development & Food and Agriculture Organisation (online). ( 22 May 2009 ). Available from: <http://www.agri-outlook.org/dataoecd/44/18/40713249.pdf>.
- OECD/IEA. (2008). *World Energy Outlook 2007*. Paris and Rome: OECD and IEA.
- Öjendal, J. (2000). *Sharing the Good - Watershed Management in the Lower Mekong River Basin*. Ph.D. Dissertation. Göteborg: University of Göteborg.
- Öjendal, J., Mathur, V., & Sithirith, M. (2002). *Environmental Governance in the Mekong*. Stockholm: Stockholm Environment Institute.
- Olsen, M. (1965). *The Logical of Collective Action*. Cambridge MA: Harvard University Press.
- Olson, M. (1965). *The Logic of Collective Action, Public Goods and the Theory of Groups*. Cambridge, M.A.: Harvard University Press.
- Ometto, J. (2009). Harmonising Small Farmer and Agro-business Interests in Sao Paulo. *Gazeta Mercantil*, 25 May.
- ONEP. (1997). *Policy and Prospective Plan for Enhancement and Conservation of National Environmental Quality (1997-2016)*. Bangkok: Office of Natural Resources and Environmental Policy and Planning.

- Önis, Z., & Senses, F. (2003). *Rethinking the Emerging Post-Washington Consensus: A Critical Appraisal*. ERC Working Paper 03/09. Ankara: Economic Research Center, Middle East Technical University.
- Osborne, M. (2009). *The Mekong River Under Threat*. New South Wales: Lowy Institute for International Policy.
- Osborne, M. (2010). The Mekong River Under Threat. *Asia Pacific Journal*.
- Ostrom, E. (1990). *Governing the Commons: The Evolution of Institutions for Collective Action*. Cambridge: Cambridge University Press.
- Ostry, S. (2002). The Post-Cold War Trading System: Who's on First. In J. Bhagwati (Ed.), *Free Trade Today*. Princeton, NJ: Princeton University Press.
- Ostry, S. (2002). The Uruguay Round's North-South Grand Bargain: Implications for Future Negotiations. In D. Kennedy, & J. Southwick (Eds.), *The Political Economy of International Trade Law* (pp. 285-300). Cambridge: Cambridge University Press.
- OXFAM. (2008). *Another Inconvenient Truth: How Biofuels Policies are Deepening Poverty and Accelerating Climate Change*. London: Oxfam International.
- Pangestu, M., & Roesad, K. (1996). Trade and Environment: Experience in ASEAN Countries. In R. Clemenson (Ed.), *Economic Integration and Environment in Southeast Asia*. Institute on Global Conflict and Cooperation Policy Papers. Berkley: University of California.
- Park, J., Conca, K., & Finger, M. (Eds.). (2008). *The Crisis of Global Environmental Governance: Towards a New Political Economy of Sustainability*. New York: Routledge.
- Parsons, T. (1951). *The Structure of Social Action*. New York: McGraw-Hill.
- Pastoral Land Commission (Comissão Pastoral da Terra). (2007). *Agroenergy: Myths and Legends in Latin America*. Recife, Brazil: Pastoral Land Commission, October.
- Pasuk, P. (2005). Developing Social Alternatives: Walking Backwards Into a Khlong. In P. Warr, *Thailand Beyond the Crisis* (pp. 161-184). London: RoutledgeCurzon.
- Pasuk, P. (2000). Self Reliance and Globalisation. *Newsweek*, May.
- Pasuk, P. (2000). State Decisions and Community Rights. In A. Nozakik, & C. Baker (Eds.), *Village Communities, States, and Traders: Essays in Honour of Chatthip Nartsupha* (pp. 188-194). Background paper for the seminar Good Governance, Public Participation and Decision Making for Environmental Protection, Institute of Social and Economic Policy. Bangkok: Sangsan (2003).
- Pasuk, P., & Baker, C. (2008). *Thai Capital: After the 1997 Crisis*. Bangkok: Silkworm Books.
- Pasuk, P., & Baker, C. (2002). *Thailand: Economy and Politics* (2nd ed.). New York: Oxford University Press.
- Pasuk, P., & Baker, C. (1998). *Thailand's Boom and Bust*. Bangkok: Silkworm Books.

- Patt, A. (2010). Effective Regional Energy Governance—not global environmental governance—is what we need right now. *Global Environmental Change*, 20, 33-35.
- Pearce, D. (1994). *Economic Values and the Natural World*. London: Earthscan.
- Pearce, D., & Warford, J. (1993). *World Without End: Economics, Environment and Sustainable Development*. New York: Oxford University Press.
- Pearce, D., Markandya, A., & Barbier, E. (1989). *Blueprint for a Green Economy*. London: Earthscan.
- Pearson, C. (1996). Theory, Empirical Studies and Their Limitations. In S. Tay, & D. Esty (Eds.), *Asian Dragons and Green Trade* (pp. 21-32).
- Peesamai, J. (2009). *Biomass Utilisation in Thailand: The Rice & Sugar Energy Complex*. Presentation. Hiroshima: 6th Biomass Asia Workshop. November (online). ( 12 January 2010 ). Available from: [http://www.biomass-asia-workshop.jp/biomassws/06workshop/presentation/18\\_Peesamai.pdf](http://www.biomass-asia-workshop.jp/biomassws/06workshop/presentation/18_Peesamai.pdf).
- Peesamai, J., & Teerapatr, S. (2009). *Thailand's Research and Development in Biofuels*. Bangkok: Proceedings of the World Alternative Energy Sciences Expo.
- Pholphirul, P. (2006). *The Impacts of the Thailand-US FTA on the Automotive Industry: Gains from Trade, Adjustment Needed, and Employment Implications*. Bangkok: Thailand Development Research Institute.
- Pholsena, V., & Banomyong, R. (2006). *Laos: From Buffer State to Crossroads*. Chiang Mai : Mekong Press.
- Phouthasinh, P. (2008). *Harvesting Happiness*. Masters Thesis. Geneva: Graduate Institute.
- Pichalai, C. (2007). Thailand's Energy Conservation Program and the Role of New and Renewable Energy in Energy Conservation. *Journal of the Royal Institute of Thailand*, 32 (1), 125-133.
- Pimental, D. (2009). Food Versus Biofuels: Environmental and Economic Costs. *Human Ecology*, 37 (1), 1-12.
- Pimental, D., & Pimental, M. (Eds.). (2008). *Food, Energy and Society* (Third ed.). Boca Raton, Fl.: Taylor and Francis Group.
- Pinit, R., & KyawThan (Eds.). (1990). *Development, Modernization and Traditions in Southeast Asia: Lessons from Thailand*. Bangkok, Mahidol University.
- Pinkaew, L. (2005). On The Politics of Nature Conservation in Thailand. In N. Rajesh (Ed.), *After the Logging Ban: Politics of Forest Management in Thailand* (pp. 48-67). Bangkok: Foundation for Ecological Recovery.
- Polanyi, K. (1944). *The Great Transformation: The Political and Economic Origins of Our Time*. Boston: Beacon Press.
- Pongsapich, A. (1995). Strengthening the Role of NGOs in Popular Participation. In J. Boonyarattanasoontorn, & G. Chutima (Eds.), *Thai NGOs: The Continuing Struggle for Democracy*. Bangkok: Thai NGO Support Project.
- Porter, G. (2001). *Fisheries Subsidies and Overfishing: Toward a Structured Discussion*. Geneva: United Nations Environment Program.

- Porter, J. (2009). The Value of Producing Food, Energy and Ecosystem Services within an Agro-ecosystem. *Ambio: a journal of the human environment*, 38 (4).
- Pronk, J. (2009). Development, Conflict and Culture. *Development*, 52 (4), 445–455.
- Pye, O. (2005). *Khor Jor Kor: Forest Politics in Thailand*. Chiang Mai: White Lotus.
- Pye, O. (2009). *The Palm Oil Controversy in Transnational Perspective*. Paper presented at the ASEF meeting.
- Radison, C., Ramanarivo, R., & Ramanarivo, S. (2008). *Landownership As a Strategy for Sustainable Development in the Highlands of Madagascar Household Optimization*. Oslo: Norwegian University of Life Sciences.
- Rajagopal, D., & Zilberman, D. (2007). *Review of Environmental, Economic, and Policy Aspects of Biofuels*. World Bank Policy Research Working Paper 4341. Washington, D.C.: World Bank.
- Rajesh, N. (Ed.). (2005). *After the Logging Ban: Politics of Forest Management in Thailand*. Bangkok: Foundation for Ecological Recovery.
- Ramalho-Filho, A. (2008). *Agro-Ecological Zoning for Oil Palm in Deforested Areas of Brazilian Amazon*. EMBRAPA presentation on Bioenergy and Biodiversity: Joint International Workshop on High Value Criteria and Potential for Sustainable Use of Degraded Lands. June 30 to July 1, 2008 at UNEP, Paris, France.
- Rangsun, T. (2002). Washington Consensus Versus Bangkok Consensus. *Papers presented at the Conference "Our Continent: Asia From the 20th to 21st Centuries"*. Bangkok: Mahasarakham University.
- Raskin, P., Banuri, T., Gallopín, G., Gutman, P., Hammond, A., Kates, R., et al. (2007). Great Transition Initiative - The Great Transformation. In C. Cleveland (Ed.), *Encyclopedia of Earth*. Washington, D.C.: Environmental Information Coalition, National Council for Science and the Environment. Retrieval at <http://www.gtinitiative.org/>.
- Rayner, S. (2004). The Novelty Trap: Why Does Institutional Learning About New Technologies Seem So Difficult? *Industry & Higher Education*, December:349-355.
- Redclift, M. (2000). Environmental Social Theory for a Globalizing World Economy. In G. Spaargaren, A. Mol, & F. Buttel (Eds.), *Environment and Global Modernity* (pp. 151- 162). London: Sage.
- Redclift, M., & Benton, T. (Eds.). (1994). *Social Theory and the Global Environment*. London: Routledge.
- Reid, A. (1988). *Southeast Asia in the Age of Commerce 1450-1680. Volume One: The Lands below the Winds*. New Haven and London: Yale University Press.
- Reid, A. (1993). *Southeast Asia in the Age of Commerce 1450-1680. Volume Two: Expansion and Crisis*. New Haven and London: Yale University Press.
- Reid, A. (1997). *The Last Stand of Asian Autonomies: Response to Modernity in the Diverse States of Southeast Asia and Korea, 1750-1900*. London: Macmillan.

- REN 21 Network. (2009). *Renewables 2008: Global Status Report*. Washington, D.C.: Worldwatch Institute.
- REN21 (Renewable Energy Policy Network for the 21st Century). (2009). *Renewables: Global Status Report*. Paris: Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ).
- Repetto, R. (1989). *Wasting Assets: Natural Resources in the National Income Accounts*. Washington, D.C.: World Resources Institute.
- Reuters. (2010, March 19). Cambodian Farmers Rise Up Over Land Grabbing.
- Reyes, O. (Ed.). (2007). *Paving the Way for Agrofuels: EU Policy, Sustainability Criteria and Climate Calculations*. Amsterdam: Transnational Institute.
- Reynold, C., & Lysa, H. (1983). Marxism in Thai Historical Studies. *Journal of Asian Studies*, 43 (1), 77-104.
- Reynolds, C. (1998). Globalisation and Cultural Nationalism in Modern Thailand. In J. Kahn (Ed.), *Southeast Asian Identities: Culture and the Politics of Representation* (pp. 115-148). Singapore: Institute of Southeast Asian Studies.
- Rice, A. (2009). Is There Such a Thing as Agro-Imperialism? *New York Times* (online). (29 November 2009). Available from: [http://www.nytimes.com/2009/11/22/magazine/22landt.html?\\_r=1&sudsredirect=true](http://www.nytimes.com/2009/11/22/magazine/22landt.html?_r=1&sudsredirect=true).
- Rigg, J. (1995). *Counting the Costs: Economic Growth and Environmental Change in Thailand*. Singapore: Institute of Southeast Asian Studies.
- Rigg, J. (2001). Embracing the Global in Thailand: Activism and Pragmatism in an Era of Deagrarianisation. *World Development*, 29 (6), 945-960.
- Rigg, J. Land and Livelihoods in Southeast Asia: Breaking the Bond? In H. Umehara, *Agricultural Transformation and a Real Differentiation in Globalising Southeast Asia*. Tokyo: Rikkyo Center for Asian Studies.
- Rigg, J. (2006). Land, Farming, Livelihoods and Poverty: Rethinking the Links in the Rural South. *World Development*, 34 (1), 180-202.
- Rigg, J. (2001). *More Than the Soil: Rural Change in Southeast Asia*. Harlow: Pearson Education.
- Rigg, J. (1997). *Southeast Asia: The Human Landscape of Modernisation and Development*. London: Routledge.
- Rigg, J. (Ed.). (2008). *Southeast Asian Development: Critical Concepts in the Social Sciences* (Vols. I, II, III). London: Routledge.
- Rigg, J., & Ritchie, M. (2002). Production, Consumption and Imagination in Rural Thailand. *Journal of Rural Studies*, 4, pp. 359-371.
- Rigg, J., & Sakunee, N. (2001). Embracing the Global in Thailand: Activism and pragmatism in an era of de-agrarianisation. *World Development*, 29 (6), 946-960.
- Rigg, J., Allott, A., Harrison, R., & Kratz, U. (1999). Understanding Languages of Modernisation. *Modern Asian Studies*, 33 (3), 581-682.



- Roberts, P. (2009). *The End of Food: The Coming Crisis in the World Food Industry*. London: Bloomsbury.
- Roberts, P. (2004). *The End of Oil: The Decline of the Petroleum Economy and the Rise of a New Energy Order*. London: Bloomsbury.
- Robison, R., Beeson, M., Jayasuriya, K., & Kim, H.-R. (Eds.). (2000). *Politics and Markets in the Wake of the Asian Crisis*. London: Routledge.
- Rodrik, D. (2006). Good-bye Washington Consensus, Hello Washington Confusion? *Journal of Economic Literature*.
- Rodrik, D. (2000). *Growth and Poverty Reduction: What Are the Real Questions?* ( on 21 August 2008 at <http://ksghome.harvard.edu/~drodrik/poverty.PDF>).
- Rodrik, D. (2000). Has Globalisation Gone Too Far? In D. Held, & A. McGrew (Eds.), *The Global Transformations Reader*. Cambridge: Polity Press.
- Rodrik, D. (2003). *In Search of Prosperity: Analytic Narratives on Economic Growth*. Princeton, NJ: Princeton University Press.
- Rodrik, D. (2007). *One Economics, Many Recipes: Globalisation, Institutions and Economic Growth*. Princeton, NJ: Princeton University Press.
- Rostow, W. (1960). *The Stages of Economic Growth: A Non-Communist Manifesto*. Cambridge: Cambridge University Press.
- Royal Thai Navy. (2007). *Biodiesel Programme* (online). (May 25, 2009 ). Available from: [www.navy.mi.th/dockyard/doced/homepage/botkwuan/Navy-Biodiesel.pdf](http://www.navy.mi.th/dockyard/doced/homepage/botkwuan/Navy-Biodiesel.pdf).
- RSPO (Roundtable for Sustainable Palm Oil). (2009). *Standards for Sustainable Palm Oil 'Version 0.5'*. Kuala Lumpur: August.
- Runge, C. F., & Runge, C. P. (2010). Against the Grain: Why Failing to Complete the Green Revolution Could Bring About the Next Famine. *Foreign Affairs* , January-February.
- Runge, C. (1994). The Environmental Effects of Trade in the Agricultural Sector. In OECD, *The Environmental Effects of Trade*. Paris: Organization for Economic Cooperation and Development.
- Runge, C., & Senauer, B. (2008). How Ethanol Fuels the Food Crisis. *Foreign Affairs* , 28 May. Author update to May/June 2007 essay on How Biofuels Could Starve the Poor (online). ( 1 November 2009 ). Available from: <http://www.foreignaffairs.com/articles/64915/c-ford-runge-and-benjamin-senauer/how-ethanol-fuels-the-food-crisis>.
- Runnalls, D., & Cosbey, A. (1992). *Trade and Sustainable Development: A survey of the issues and a new research agenda*. Winnipeg: International Institute for Sustainable Development.
- Ryan, P. (Ed.). (2008). *The Energy Sustainability Challenge: Fuelling Cooperation between Asia and Europe*. Singapore: Asia-Europe Foundation.
- Sally, R. (2008). *Hauling Trade Policy into the 21st Century: Thailand and ASEAN After Doha and FTAs*. London: Institute of Economic Affairs.
- Sally, R. (2007). Thai Trade Policy: From Non-discriminatory Liberalisation to Free Trade Agreements. *World Economy* , Online Early articles, 29 May.

- Samai, J. (2009). *Vision and Perspectives of the Biofuel Sector in Thailand*. Bangkok: Presentation at the World Alternative Energy Sciences Expo.
- Sampson, G. (Ed.). (2001). *The Role of the World Trade Organization in Global Governance*. New York: United Nations University.
- Sampson, G., & Chambers, B. (2002). *Trade, Environment, and the Millennium*. Tokyo: United Nations University Press.
- Sands, P. (1995). International Law in the Field of Sustainable Development: Emerging Legal Principles. In W. Lang (Ed.), *Sustainable Development* (pp. 53-67). Manchester: Manchester University Press.
- Sanitsuda Ekachai. (2009). Thailand's Shocking Inequity Statistics. *Bangkok Post*, 30 November.
- Saranya Srisuwan. (2009). *Feasibility of Oil Seed Crops for Biofuels Production in GMS Countries*. Prepared for the 4th French-MFL Seminar on Mekong Studies at Crossed Glances, Chiang Mai: Mae Fah Luang University Monograph.
- Saykham, V. (2009). *Sustainable Development in the Plantation Industry in Lao PDR: An Examination of the Role of the Ministry of Planning and Investment*. Trade Knowledge Network. Winnipeg: International Institute for Sustainable Development.
- Schipper, L., & Pelling, M. (2006). Disaster Risk, Climate Change and International Development: Scope for, and Challenges to, Integration. *Disasters*, 30, 19-38.
- Schorr, D. (2001). *Towards Rational Disciplines on Subsidies to the Fishery Sector: A Call for New International Rules and Mechanisms*. Washington, D.C.: Worldwide Fund for Nature (WWF).
- Schumacher, E. (1973). *Small is Beautiful: A Study of Economics as if People Mattered*. London: Vintage.
- Schumpeter, J. (1951). *Ten Great Economists From Marx to Keynes*. New York: Oxford University Press.
- Sciortino, R. (2008). Development Aid: A New Crisis?
- Searchinger, T. (2009). Government Policies and Drivers of World Biofuels, Sustainability Criteria, Certification Proposals and their Limitations. In R. Howard, & S. Bringezu (Eds.), *Biofuels: Environmental Consequences and Interactions with Changing Land Use* (pp. 37-52). Ithaca: Cornell University Press.
- Sedlacek, S., & Gaube, V. (2010). Regions on Their Way to Sustainability: The Role of Institutions in Fostering Sustainable Development. *Environment, Development and Sustainability*, 12, 117-134.
- Segschneider, K., Chaikao, T., Chaiwut, S., & Maeroh, R. (2009). *Field Survey on Sustainable Palm Oil in Thailand and Compliance with International Standards*. Bangkok: German Technical Cooperation (GTZ).
- SEI. (2008). *Bioenergy for Sustainable Development and Global Competitiveness: The Case of Sugar Cane*. Stockholm: Stockholm Environment Institute. ( 1 September at [www.carensa.net](http://www.carensa.net)).

- Seksan, P. (1989). *The Transformation of the Thai State and Economic Change (1855-1945)*. PhD thesis Cornell University.
- Selden, T., & Song, D. (1994). Environmental Quality and Development: Is there a Kuznets Curve for Air Pollution Emissions? *Journal of Environmental Economics and Management*, 27:147-162.
- Sen, A. (2007). *Asian Immensities*. Commemorative Keynote Address for the establishment of the United Nations Economic and Social Commission for Asia and the Pacific. Bangkok: 28 March.
- Sen, A. (2000). *Development As Freedom*. New York: Alfred Knopf.
- Sen, A., Stiglitz, J., & Fitoussi, J.-P. (2009). *Report of the Commission on the Measurement of Economic Performance and Social Progress*. Paris: 14 September (online). ( 25 October 2009 ). Available from: [http://www.stiglitz-sen-fitoussi.fr/documents/rapport\\_anglais.pdf](http://www.stiglitz-sen-fitoussi.fr/documents/rapport_anglais.pdf).
- Seri, P. (1986). *Back to the Roots: Village and Self-Reliance in a Thai Context*. Bangkok: Rural Development Documentation Center.
- Seri, P. (1988). *Rural Development in Thailand*. Bangkok: Thailand Institute of Rural Development.
- Seri, P., & Hewison, K. (1990). *Thai Village Life: Culture and Transition in the Northeast*. Bangkok: Moobaan Press.
- Serra, N., & Stiglitz, J. (Eds.). (2008). *The Washington Consensus Reconsidered: Towards A New Global Governance*. Oxford: Oxford University Press.
- Shaw, S. (2010). Bioenergy in Thailand. In FAO, *Case Studies in Bioenergy Legislation*. Rome: Food and Agriculture Organisation of the United Nations.
- Shaw, S. (2007). Policy Should be Made Through Neogitation, Not Litigation. In A. Najam, M. Halle, & R. Meléndez-Ortiz (Eds.). Winnipeg: International Institute for Sustainable Development; International Center for Trade and Sustainable Development.
- Shaw, S. (2009). Prospects and Policy Options for Thailand's Trade in Bioenergy in the Mekong Region: Implications for Sustainable Development. *Rian Thai International Journal of Thai Studies*, 2, 263-296.
- Shaw, S., & Schwartz, R. (2002). Trade and Environment in the WTO: State of Play. *Journal of World Trade*, 36(1): 129-154.
- Shaw, S., Bunchorn, S., Cosbey, A., & Baumüller, H. (2007). *Rapid Trade and Environment Assessment - National Report for Thailand*. Winnipeg: International Institute for Sustainable Development and International Institute for Trade and Development.
- Shaw, S., Callander, T., Sylavong, L., Cosbey, A., & Baumüller, H. (2007). *A Rapid Trade and Environment Assessment: National Report for Lao PDR*. Winnipeg: International Institute for Sustainable Development.
- Shaw, S., Lee, L. C., & Kiratiya, P. (2008). *Case Study of Bioenergy in Thailand*. Background paper prepared for the synthesis report. Rome: Food and Agriculture Organisation of the United Nations.

- Sheil, D., Casson, A., Meijaard, E., Noordwijk, M. v., Gaskell, J., Sunderland-Groves, J., et al. (2009). *The Impacts and Opportunities of Oil Palm in Southeast Asia: What Do We Know and What Do We Need To Know?* Bogor: Centre for International Forestry Research.
- Shi, W. (2008). *Rubber Boom in Luang Namtha: A Transnational Perspective*. Vientiane: Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ).
- Siam Society. (1993). *Proceedings of the Symposium on Environment and Culture*. Bangkok: Siam Society.
- Siebert, H. (1980). *Trade and Environment: A Theoretical Enquiry*. Amsterdam: Elsevier.
- Siriluck, S., & Kammeier, D. (2003). government Policy and Famers' Decision-making: The Agricultural Diversification Programme for the Chao Phraya River Basin Revisited. In F. Molle, & S. Thippawal (Eds.), *Thailand's Rice Bowl: Perspectives on Agricultural and Social Change in the Chao Phraya Delta* (pp. 195-228). Bangkok: White Lotus.
- Siriwardhana, M., Opathella, G., & Jha, M. (2009). Biodiesel: Initiatives, Potential and Prospects in Thailand: A review. *Energy Policy*, 37, 554-559.
- Sitanon, J. (1996). Trade, Investment and Environment in Thailand. In R. Clemenccon (Ed.), *Economic Integration and Environment in Southeast Asia*. Institute on Global Conflict and Cooperation Policy Papers. Berkley: University of California.
- Smaller, C., & Mann, H. (2009). *A Thirst for Distant Lands: Foreign Investment in Agricultural Land and Water*. Winnipeg: International Institute for Sustainable Development.
- Smil, V. (2003). *Energy at the Crossroads*. Cambridge, MA: MIT Press.
- Smil, V. (2000). *Feeding the World: A Challenge for the Twenty-First Century*. Cambridge, MA: MIT Press.
- SNV & WWF. (2009). *Developing Sustainable Pro-Poor Biofuels in the Mekong Region*. Vientiane: World Wide Fund for Nature and The Netherlands Development Organisation (SNV).
- Somchai, P. (2006). *Civil Society and Democratization: Social Movements in Northeast Thailand*. Copenhagen: Nordic Institute of Asian Studies.
- Somrudee Nicro. (2008). *Food and Environmental Security: The Case of Thailand*. Presentation at the Asia-Europe Forum. Bangkok: Thailand Environment Institute, 16 October.
- Somrudee, N., & Markopoulos, M. (2008). *Environmental Security in Thailand: An Assessment of Food, Water, Air and Energy Sustainability*. Bangkok: Thailand Environment Institute.
- Somsak, S. (1996). Develoment and Forestry in Thailand. In R. Clemenccon (Ed.), *Economic Integration and Environment in Southeast Asia*. Institute on Global Conflict and Cooperation Policy Papers. Berkley: University of California.
- Somvang, P. (2009). *Journal of International Forestry Review* .

- Sonnenfeld, D., & Mol, A. (2002). Globalisation and the Transformation of Environmental Governance. *American Behavioral Scientist*, 45(9):1318-1339.
- Souklaty, S., & Linkham, D. (2009). *Impacts of Jatropha Plantation on Smallholders*. Bangkok: Sustainable Mekong Research Network (SUMERNET).
- Spaargaren, G. (2000). Ecological Modernization Theory and the Changing Discourse on Environment and Modernity. In G. Spaargaren, A. Mol, & F. Buttel (Eds.), *Environment and Global Modernity* (pp. 41-72). London: Sage.
- Spaargaren, G., & Mol, A. (1992). Sociology, Environment and Modernity: Ecological Modernisation as a Theory of Social Change. *Society and Natural Resources*, 5:323-344.
- Spaargaren, G., Mol, A., & Buttel, F. (Eds.). (2000). *Environment and Global Modernity*. London: Sage.
- Speth, G. (2008). *The Bridge at the Edge of the World: Capitalism, the Environment and Crossing from Crisis to Sustainability*. New Haven: Yale University Press.
- Strange, S. (1996). *The Retreat of the State: The Diffusion of Power in the World Economy*. Cambridge: Cambridge University Press.
- Steenblik, R. (2007). *A Subsidy Primer*. ( August 28, 2008, from International Institute for Sustainable Development's Global Subsidies Initiative (online). Available from: <http://www.globalsubsidies.org/subsidy-primer/ASubsidyPrimer.php>
- Steenblik, R. (2006). *Liberalisation of Trade in Renewable Energy and Associated Technologies: Biodiesel, Solar, Thermal and Geothermal Energy*. Paris: Organisation for Economic Cooperation and Development.
- Stern, D. (2004). The Rise and Fall of the Environmental Kuznets Curve. *World Development*, 32(8):1419-1449.
- Stern, N. (2007). *Stern Review on the Economics of Climate Change*. Report to Her Majesty's Treasury. Cambridge: Cambridge University Press.
- Stern, N. (2009). *The Global Deal: Climate Change and the Creation of a New Era of Progress and Prosperity*. London: Macmillan.
- Stiglitz, J. (2008). From Miracle to Crisis to Recovery: Lessons from four decades of East Asian experience. In J. Rigg (Ed.), *Southeast Asian Development: Critical Concepts in the Social Sciences* (Vol. III, pp. 216-229). London: Routledge.
- Stiglitz, J. (2002). *Globalisation and Its Discontents*. London: Penguin Books.
- Stiglitz, J. (2008). Is there a Post-Washington Consensus Consensus? In N. Serra, & J. Stiglitz, *The Washington Consensus Reconsidered* (pp. 309-323). Oxford: Oxford University Press.
- Stockholm Conference. (1972). Declaration of the United Nations Conference on the Human Environment (online). (28 August 2008 ). Available from: <http://www.unep.org/Documents>
- Strange, S. (1983). Cave! Hic Dragons: A Critique of Regime Analysis. In S. Krasner (Ed.), *International Regimes* (pp. 337-354). Ithaca: Cornell University Press.
- Strutt, A., & Lim, S. (2005). Trade Liberalisation and Poverty Alleviation in the Greater Mekong Subregion. *Journal of GMS Development Studies*, 21 (1), 1-20.

- Sunait, C., & Baker, C. (Eds.). (2002). *Recalling Local Pasts: Autonomous History in Southeast Asia*. Chiang Mai: Silkworm Books.
- Supachai, P. (2001). *Globalisation and Trade in the New Millennium*. Bangkok: Ministry of Commerce.
- Supanee, T. (2005). Common Fate on the Road to Free Trade: The Case of Maize and Soybeans. In *Free Trade Agreements and their Impact on Developing Countries: The Thai Experience* (pp. 121-130). Bangkok: FTA Watch.
- Surakiart, S. (2007). *Exploring Policy Space for Sustainable Development*. Bangkok: International Institute for Trade and Development.
- Surapong, C. (2008). *Fuel Ethanol Market Assessment and Potential of Cassava in Thailand*. Bangkok: Field Crop Research Institute, Department of Agriculture, Thailand.
- Surichai, W. (Ed.). (2007). *Rural Livelihoods and Human Insecurities in Globalizing Asian Economies*. Bangkok: Centre for Social Development Studies and Social Research Institute, Chulalongkorn University (online). Available from: <http://www.csds.polsci.chula.ac.th/demo/Research/rural.pdf>.
- Surin Farmers Support (SFS) (online). (2009). (26 December 2009 ). Available from: <http://www.surinfarmerssupport.org/search/label/Biodiesel>.
- Sussangkarn, C. (2003). Thailand and the China-ASEAN FTA. *TDRI Quarterly Review*, 18(1).
- Sustainable Development Commission. (2009). *Prosperity Without Growth: The Transition to a Sustainable Economy*. Written by Tim Jackson for the Government of the United Kingdom. London: Sustainable Development Commission.
- Suthawan, S. (2009). *Aligning Trade and Climate Change Agendas in the Context of a Green Economy: An Asian Perspective*. Bangkok: Keynote address to the Asian Regional Dialogue on Trade and Climate Change, May.
- Suthawan, S. (2007). Globalisation and Sustainable Development. In W. Surichai (Ed.), *Rural Livelihoods and Human Insecurities in Globalizing Asian Economies* (pp. 25-28). Bangkok: Center for Social Development Studies and Social Research Institute, Chulalongkorn University.
- Tanabe, S. (1994). *Ecology and Practical Technology: Peasant Farming Systems in Thailand*. Bangkok: White Lotus.
- Tay, S., & Esty, D. (1996). *Asian Dragons and Green Trade: Environment, Economics and International Law*. Singapore: Times Academic Press.
- Taylor, C. (1983). *Social Theory as Practice*. New Delhi: Oxford University Press.
- Taylor, C. (1991). *The Malaise of Modernity*. Concord, Ontario: Anansi.
- TDRI. (2006a). *A Study of the Impacts of the Japan-Thailand Economic Partnership Agreement*. Bangkok: Thailand Development Research Institute.
- TDRI. (2003). *A Study of the Impacts of the Thailand-U.S. Free Trade Agreement*. Bangkok: Thailand Development Research Institute.
- TDRI. (2006b). *Reaping the Benefits from Free Trade Agreements*. Bangkok: Thailand Development Research Institute.

- TEI. (2000). *Developing Environmental Performance Indicators for Increased Competitiveness for Thai Industry*. Bangkok: Thailand Environment Institute.
- TEI. (2001). *The Compatibility of International Trade and Environmental Regulation: Implications for Thailand and Other Developing Nations*. Bangkok: Thailand Environment Institute.
- Teixeira, S., Goldemberg, J., Lucon, O., & Guardabassi, P. (2006). Brazilian Sugarcane Ethanol: Lessons Learned. *Energy for Sustainable Development*, X (2), 26-39.
- Thamsirirot, T., & Murphy, J. (2009). Is it Better to Import Palm Oil from Thailand to Produce Biodiesel in Ireland than to Produce Biodiesel from Indigenous Irish Rape Seed? *Applied Energy*, 86, 595-604.
- Thippawal, S. (2003). Agrarian Transformations in the Chao Phraya Delta: A case study in tambon Thung Luk Nok. In F. Molle, & S. Thippawal, *Thailand's Rice Bowl: Perspectives on Agricultural and Social Change in the Chao Phraya Delta* (pp. 109-124). Bangkok: White Lotus.
- Thompson, P. (2008). The Agricultural Ethics of Biofuels: A first look. *Journal of Agricultural and Environmental Ethics*, 21: 183-198.
- Thongchai, W. (2008). Nationalism and the Radical Intelligensia in Thailand. *Third World Quarterly*, 29(3):575-591.
- Thongchai, W. (1995). *Siam Mapped: A History of the Geo-Body of a Nation*. Chiang Mai: Silkworm Books.
- Thongchanh, S. (2005). Enhancing Local Livelihoods: Learning Processes and Outcomes - A Case Study of Hanghee Village, Champassak Province, Southern Lao PDR. In Oxfam, *Learning for Livelihood Improvement: Experiences in Aquatic Resources Management, Sustainable Agriculture and Community Development from Vietnam and Lao PDR* (pp. 51-73). Chiang Mai: The Mekong Learning Initiative.
- Tobey, J. (1990). The Impact of Domestic Environmental Policies on Patterns of World Trade: An Empirical Test. *Kyklos*, 43:191-209.
- Tran, B., & Miller, F. (Eds.). (2007). *Challenges to Sustainable Development in the Mekong Delta: Regional and National Policy Issues and Research Needs - Literature Analysis*. Bangkok: The Sustainable Mekong Research Network (SUMERNET).
- U Thein Han. (2009). *Oil Seed Crop Production, Consumption and Import Situation in Myanmar*. Presentation. Yangon: Myanmar Edible Oil Dealers' Association. 24 July.
- Uddin, N., Taplin, R., & Yu, X. (2010). Towards a Sustainable Energy Future: Exploring Current Barriers and Potential Solutions in Thailand. *Environment, Development and Sustainability*, 12, 63-87.
- UN. (2009). *A Global Green New Deal for Sustainable Development*. Policy Brief No. 12. New York: United Nations Department of Economic and Social Affairs.
- UN Millennium Project. (2005). *Innovation: Applying Knowledge to Development*. Report of the United Nations Task Force on Science, Technology, and Innovation. London: Earthscan.

- UNCED. (1992). *Agenda 21: The United Nations Programme of Action from Rio*. Results of the UN Conference on Environment and Development. New York: United Nations.
- UNCTAD. (2006). *Biofuel Production Technologies: Status, Prospects and Implications for Trade and Development*. New York and Geneva: United Nations Conference on Trade and Development.
- UNCTAD. (2006). *Biotrade Initiative*. Geneva: United Nations Conference on Trade and Development.
- UNCTAD. (2006). *The Emerging Biofuels Market: Regulatory, Trade and Development Implications*. Geneva: United Nations Conference on Trade and Development.
- UNCTAD. (2006). *Trade and Environment Review 2006*. Geneva: United Nations Conference on Trade and Development. ( 20 May 2009 at <http://www.unctad.org/en/docs/>).
- UNCTAD. (2010). *Trade and Environment Review 2009/2010: Promoting Poles of Clean Growth to Foster the Transition to a More Sustainable Economy*. Geneva: United Nations Conference on Trade and Development.
- UNCTAD. (2006). *Trade and Environment Review: Environmental Performance Requirements and Market Access for Developing Countries*. Geneva: United Nations Conference on Trade and Development.
- UNDP. (2006). *Asia-Pacific Human Development Report: Trade on Human Terms - Transforming Trade for Human Development in Asia and the Pacific*. Colombo: United Nations Development Program Regional Center.
- UNDP. (2009). *Bringing Small-Scale Finance to the Poor for Modern Energy Services: What is the Role of Government? Experiences from Burkina Faso, Kenya, Nepal and Tanzania*. New York: United Nations Development Program.
- UNDP. (2009). *Fighting Climate Change: Human Security in a Divided World*. New York: United Nations Development Program.
- UNDP. (2007). *Thailand Human Development Report: Sufficiency Economy and Human Development*. Bangkok: United Nations Development Program.
- UN-Energy. (2007). *Sustainable Bioenergy: A Framework for Decision Makers*. New York: United Nations.
- UN-Energy. (2005). *The Energy Challenge for Achieving the Millennium Development Goals*. New York: United Nations-Energy.
- UNEP. (2009). *Towards Sustainable Production and Use of Resources: Assessing Biofuels*. Nairobi: United Nations Environment Programme, October.
- UNF (United Nations Foundation). (2008). *Sustainable Bioenergy Development in the West African Economic and Monetary Union Member Countries*. New York: West African Economic and Monetary Union (UEMOA) and The Hub for Rural Development in West and Central African (online). (1 November 2009 ). Available from: at [www.unfoundation.org](http://www.unfoundation.org).
- UNICAMP. (2007). *A Market Assessment of Ethanol*. Task 40 Sustainable Bioenergy Trade. Vienna: International Energy Agency (online). (25 October 2009 ).



- Available from:  
<http://www.bioenergytrade.org/downloads/finalreportethanolmarkets.pdf>.
- USDA. (2009). *Burma Agricultural Situation: Biofuel Update*. Bangkok: US Department of Agriculture (USDA) Foreign Agricultural Service.
- USDA. (2009). *Thailand Biofuels: Biofuel's Impact on Food Crops*. Bangkok: US Department of Agriculture (USDA) Foreign Agricultural Service.
- Vanderveest, P. (1991). Gifts and Rights: Cautionary Notes on Community Self-Help in Thailand. *Development and Change*, 22, 421-443.
- Vanderveest, P. (2008). Land to Some Tillers: Development-induced Displacement in Laos. In J. Rigg (Ed.), *Southeast Asian Development: Critical Concepts in the Social Science* (Vol. III, pp. 414-427). London: Routledge.
- Varis, O., Keskinen, M., & Kummu, M. (2008). Mekong at the Crossroads. *Ambio: A Journal of the Human Environment*, Special Issue. XXXVII(3).
- Victor, D. (2010). *Untold Billions: Fossil-fuel Subsidies, Their Impacts and the Path to Reform*. Global Subsidies Initiative. Winnipeg: International Institute for Sustainable Development (online). ( 4 January 2010 ). Available from: <http://www.globalsubsidies.org/en/research/political-economy>.
- Victor, D., & Yueh, L. (2010). The New Energy Order: Managing Insecurities in the Twenty-first Century. *Foreign Affairs*, January-February.
- Vientiane Times. *Clipping file 2006-2009*. Vientiane, Lao PDR.
- Vientiane Times. (2009). Cooperatives to Have More Freedom of Operation. 14 December.
- Vientiane Times. (2009). Foreign Investment in Laos Jumps Nearly Fourfold This Year. 27 October.
- Vientiane Times. (2009). Government to Promote Biofuels Production. 4 June.
- Vientiane Times. (2010, March 4). Investors Consider Biodiesel Potential.
- Vientiane Times. (2009, July 9). Laos to start producing biodiesel.
- Vientiane Times. (2009). Process or Perish as Producers Seek to Promote Exports. 6 December.
- Vientiane Times. (2009). Savannakhet Province Wants Its Workers Back. 17 November.
- VNS. (2009). *Land Retained to Strengthen Food Security, End Hunger*. Hanoi: 25 December.
- Vossenaar, R., Santucci, L., & Ramungul, N. (2006). Environmental Requirements and Market Access for Developing Countries: The Case of Electrical and Electronic Equipment. In UNCTAD, *Trade and Environment Review: Developing Pro-active Approaches and Strategies*. Geneva: United Nations Conference on Trade and Development.
- Walker, A. (1999). *The Legend of the Golden Boat: Regulation, Trade and Traders in the Borderlands of Laos, Thailand, China and Burma*. Honolulu: University of Hawaii Press.

- Wallerstein, I. (2008). 2008: The Demise of Neoliberal Globalisation. *Commentary* 226 (online). Available from: <http://www.binghamton.edu/fbc/226en.htm>.
- Wallerstein, I. (1974). *The Modern World-System*. New York: Academic Press.
- Wannarat, C. (2009). *Alternative Energy: A Critical Strategy for Sustainability of Thailand's Energy Sector*. Bangkok: International Conference organised by the Ministry of Energy and Energy Research Institute, Chulalongkorn University, 22 May.
- Wanun, P. (2008). *Assessing Climate Change Vulnerability and Coping Capacity of a Community in Thailand*. Bangkok: Asian Institute of Technology.
- Warr, P. (Ed.). (2005). *Thailand Beyond the Crisis*. London: RoutledgeCurzon.
- Warr, P. (Ed.). (1993). *The Thai Economy in Transition*. Cambridge: Cambridge University Press.
- WCED. (1987). *Our Common Future*. Brundtland Report of the World Commission on Environment and Development. Oxford: Oxford University Press.
- Weis, T. (2007). *The Global Food Economy: The Battle for the Future of Farming*. London: Zed.
- Weyerhaeuser, H., Tennigkeit, T., Yufang, S., & Kahrl, F. (2007). *Biofuels in China: An Analysis of the Opportunities and Challenges of Jatropha in Southwest China*. Kunming: World Agroforestry Center (ICRAF).
- WHO. (2006). *Fuel for Life: Household Energy and Health*. Geneva: World Health Organisation.
- Wichit Chantanusornsiri. (2009). Land Lease Plan to Foster Energy Crops. *Bangkok Post*, 26 September.
- Williams, L., & McCormick, N. (2008). *Energy, Ecosystems and Livelihoods: Understanding linkages in the face of climate change impacts*. Gland: International Union for Conservation of Nature (IUCN).
- Williamson, J. (2008). A Short History of the Washington Consensus. In N. Serra, & J. Stiglitz, *The Washington Consensus Reconsidered* (pp. 14-30). Oxford: Oxford University Press.
- Williamson, J. (1993). Democracy and the 'Washington Consensus'. *World Development*, 21(8):1329-1336.
- Williamson, J. (1990). What Washington Means by Policy Reform. In *Latin American Adjustment: How Much Has Happened?* Washington, D.C.: Institute for International Economics.
- Winham, G. (1986). *International Trade and the Tokyo Round Negotiations*. Princeton: Princeton University Press.
- World Bank. (2009). *Energy Strategy Approach Paper*. Sustainable Development Network. Washington, D.C.: World Bank, October.
- World Bank. (2009). *Global Economic Prospects: Commodities at the Crossroads*. Washington, D.C.: World Bank (online). (20 May 2009). Available from: [http://siteresources.worldbank.org/INTGEP2009/Resources/10363\\_WebPDF-w47.pdf](http://siteresources.worldbank.org/INTGEP2009/Resources/10363_WebPDF-w47.pdf).

- World Bank. (2009). *Lao PDR Development Report: Reshaping Economic Geography*. Vientiane: World Bank.
- World Bank. (2009). *Mapping the Lao Product Space*. Trade Development Briefing Note 1. Vientiane: World Bank.
- World Bank. (2008). *Rising Food and Fuel Prices: Addressing the Risks to Future Generations*. Washington, D.C.: World Bank (online). (20 May 2009 ). Available from: <http://siteresources.worldbank.org/DEVCOMMEXT/Resources/Food-Fuel>.
- World Bank. (2008). *Thailand Economic Monitor*. Bangkok: World Bank, November.
- World Bank. (2006). *Thailand Environment Monitor: Blue Waters in Peril*. Bangkok: World Bank.
- World Bank. (2006). *Where is the Wealth of Nations? Measuring Capital in the 21st Century*. Washington, D.C.: World Bank.
- World Bank. (1992). *World Development Report*. New York: Oxford University Press.
- World Bank. (2007). *World Development Report 2008: Agriculture for Development*. Washington, D.C.: World Bank.
- World Commission on Dams. (2000). *Dams and Development: A New Framework for Decision-Making*. London: Earthscan.
- World Food Programme (WFP). (2009). *Hunger and Markets*. Earthscan: London.
- Worldwatch Institute. (2007). *Biofuels for Transport: Global Potential and Implications for Energy and Agriculture*. London: Earthscan.
- WTO. (1996). *Report of the Committee on Trade and Environment to the Singapore Ministerial*. Geneva: World Trade Organization.
- WTO. (1994). *The Legal Texts: The Results of the Uruguay Round of Multilateral Trade Negotiations*. Cambridge: Cambridge University Press.
- WTO. (2007). *Trade Policy Review: Thailand*. Geneva: World Trade Organisation.
- WTO. (2000). *Trade, Development and the Environment*. London: Kluwer Law International.
- Xing, L., & Jun, H. (2009). *Payment for Environment Services: China's Experiences of Rewarding Upland Poor*. Yunnan: Yunnan University Press.
- Xing, Y., & Kolstad, C. (2002). Do Lax Environmental Regulations Attract FDI? *Environmental and Resource Economics*, 21:1-22.
- Xinhua. (2009). Brazil, China Sign MOU on Feasibility of Ethanol Projects. 24 December.
- Yang, J., Huang, J., Qiu, H., Rozelle, S., & Sombilla, M. (2009). Biofuels and the Greater Mekong Subregion: Assessing the Impacts on Prices, Production and Trade. *Applied Energy*, 86, 537-546.
- Yomiuri Shimbun. (2009, January 25). Airlines Search for Promising Biofuels. Tokyo.
- Young, O. (1994). *International Governance: Protecting the Environment in a Stateless Society*. Ithaca: Cornell University Press.

- Young, O. (2002). *The Institutional Dimensions of Environmental Change*. Cambridge, MA: MIT Press.
- Young, O. (2002). Why Is There No Unified Theory of Environmental Governance? *Essay prepared for delivery at the 9th Biennial Conference of the International Association for the Study of Common Property, June* (online). (27 August 2008 ). Available from:  
<http://dlc.dlib.indiana.edu/archive/00000943/00/young020402.pdf>.
- Youngusband, Lt. G. J. (1888). *Eighteen Hundred Miles on a Burmese Tat*. London: W.H. Allen.
- Zaelke, D. (1993). *Trade and the Environment: Law, Policy and Economics*. Washington, D.C.: Island Press.
- Zamroni, S. (2006). Thailand's Agricultural Sector and Free Trade Agreements. *Asia-Pacific Trade and Investment Review* , 2(2).
- Zarrilli, S. (2008). *Making Certification Work for Sustainable Development: The Case of Biofuels*. New York and Geneva: United Nations Conference on Trade and Development.
- Zola, A. (2009). *Scoping Study on Cross-Border Agribusiness in Lao PDR: Focus on Champasak Province*. Vientiane: Trade Development Facility Multi-Donor Trust Fund.

**APPENDICES**

## Appendix A: List of informant organisations by category

Category of informant	Organisation/agency
<p><b>National level (C1 – Thai)</b>  <b>(CIFX – other governments)</b></p> <p>Government ministries and agencies</p>	<p>Industrial Estates Authority</p> <p>Ministry of Agriculture &amp; Cooperatives</p> <ul style="list-style-type: none"> <li>-3 Dept of Agriculture (DOA)</li> <li>-3 Dept of Agricultural Economics (DOEA)</li> <li>-3 Dept of Extensions (DOE)</li> </ul> <p>Ministry of Commerce</p> <ul style="list-style-type: none"> <li>-3 Dept of Export Promotion (DEP)</li> <li>-3 Dept of Foreign Trade (DFT)</li> <li>-3 Dept of Trade Negotiations (DTN)</li> </ul> <p>Ministry of Energy</p> <ul style="list-style-type: none"> <li>-3 Dept of Alternative Energy Development and Efficiency (DEDE)</li> </ul> <p>Ministry of Finance</p> <ul style="list-style-type: none"> <li>-3 Dept of Excise Tax</li> </ul> <p>Ministry of Foreign Affairs</p> <p>Ministry of Industry</p> <ul style="list-style-type: none"> <li>-3 Dept of Industrial Promotion</li> <li>-3 Dept of SME Promotion</li> <li>-3 Dept of Export Promotion</li> <li>-3 Thai Industrial Standards Institute (TISI)</li> </ul> <p>Ministry of Natural Resources &amp; Environment</p> <ul style="list-style-type: none"> <li>-3 Dept of Environmental Quality Promotion (DEQP)</li> <li>-3 Dept of Pollution Control</li> <li>-3 Office of International Cooperation on Natural Resources and Environment</li> <li>-3 Office of Natural Resources and Environmental Policy and Planning (ONEP)</li> </ul> <p>Ministry of Science &amp; Technology</p> <ul style="list-style-type: none"> <li>-3 Bioenergy Research Group, National Metal and Materials Technology Center (MTEC)</li> <li>-3 National Science and Technology Development Agency (NSTDA)</li> </ul> <p>National Economic &amp; Social Development Board (NESDB)</p> <ul style="list-style-type: none"> <li>-3 Competitiveness Development Office</li> </ul> <p>National Environment Board (NEB)</p> <p>National Innovation Agency (NIA)</p>

	<p>National Oil Palm Policy Committee (NOPPC)</p> <p>Thai Embassy to Brazil, Brasilia</p> <p>Thailand Board of Investment (BOI)</p> <p>Thailand Greenhouse Gas Management Organisation (TGO)</p> <p>Thailand International Development Cooperation Agency (TICA)</p> <p>Office of the Cane and Sugar Board (OCSB)</p> <p>Office of Small and Medium Sized Enterprises (OSMEP)</p> <p>Petroleum Institute of Thailand</p> <p>Provincial level government (Members of Parliament)</p> <p>Royal Development Study Centers (RDSCs) – Kung Krabaen Bay, Chanthaburi</p> <p>Rubber Research Institute of Thailand (RRIT)</p> <p>Sufficiency Economy Office for Community Development</p> <p>Local level government (District and Tambon representatives)</p> <p>Lao Sub-Working Group on Farmers and Agribusiness (SWGAB)</p>
<p><b>Regional or international intergovernmental (C2)</b></p> <p>United Nations and development agencies, regional intergovernmental bodies</p>	<p>Greater Mekong Subregion (GMS) Working Group on the Environment (WGE)</p> <p>Asia Pacific Economic Cooperation (APEC) Economic Integration Programme (EIP)</p> <p>Asian Development Bank (ADB)</p> <ul style="list-style-type: none"> <li>-3 Greater Mekong Subregion (GMS) Core Environment Program (CEP)</li> <li>-3 Regional and Sustainable Development Department (Manila)</li> <li>-3 Regional Economic Integration (Manila)</li> <li>-3 Asian Development Bank Institute (Tokyo)</li> </ul> <p>Brazil – Embassy to Thailand</p> <p>Chinese Academy of Sciences</p> <p>European Union – Delegation of the European Communities to Thailand</p> <p>German Technical Assistance Agency (GTZ)</p> <p>Institute for Global Environmental Strategies (IGES)</p> <p>International Energy Agency (IEA)</p> <p>International Institute for Sustainable Development (IISD)</p> <ul style="list-style-type: none"> <li>-3 Global Subsidies Initiative (GSI)</li> </ul> <p>International Institute for Trade and Development (ITD)</p> <p>International Renewable Energy Agency (IRENA)</p> <p>International Union for the Conservation of Nature (IUCN)</p> <p>International Water Management Institute (IWMI), Vientiane</p>

	<p>Kenan Institute Asia</p> <p>Kunming Institute of Botany</p> <p>Mekong Institute</p> <p>Organisation for Economic Cooperation and Development (OECD)</p> <ul style="list-style-type: none"> <li>-3 Agriculture Committee</li> <li>-3 Development Assistance Committee</li> <li>-3 Trade and Environment Committee</li> </ul> <p>Regional Community Forestry Training Center for Asia and the Pacific (RECOFTC)</p> <p>SNV – Netherlands Development Organisation</p> <p>Stockholm Environment Institute – Asia (SEI)</p> <p>Southeast Asian START Regional Center</p> <p>Swedish Environmental Secretariat for Asia (SENSA, Sida)</p> <p>UN Environment Programme (UNEP)</p> <ul style="list-style-type: none"> <li>-3 Bioenergy Policy and Planning Support Facility</li> <li>-3 Regional Office for Asia and the Pacific (ROAP)</li> </ul> <p>UN Development Program (UNDP)</p> <p>UN Food and Agriculture Organisation (FAO)</p> <p>UN Foundation</p> <ul style="list-style-type: none"> <li>-3 Bioenergy Initiative</li> </ul> <p>UN Economic and Social Committee for Asia and the Pacific (ESCAP)</p> <p>UN World Food Program (WFP)</p> <p>United States Department of Agriculture</p> <p>World Agroforestry Center (ICRAF) – China Programme, Kunming, Yunnan, China</p> <p>World Fish Center</p> <p>World Trade Organisation (WTO)</p> <ul style="list-style-type: none"> <li>-3 Committee on Trade and Environment Special Session (CTE-SS)</li> </ul> <p>Yunnan University, Kunming, China</p>
<p><b>Non-governmental organisations (C3)</b></p> <p>NGOs, universities, research organisations and sustainable development experts</p>	<p>Australian Mekong Resource Center, University of Sydney</p> <p>Asian Institute of Technology (AIT)</p> <p>Brazil Sugar and Ethanol Institute</p> <p>Chiang Mai University</p> <ul style="list-style-type: none"> <li>-3 Bioenergy Research Center</li> <li>-3 M-Power</li> <li>-3 Unit for Social and Environmental Research (USER)</li> </ul> <p>Chulaborn Research Institute</p> <p>Chulalongkorn University</p> <ul style="list-style-type: none"> <li>-3 Center for Ecological Economics</li> </ul>



	<p>-3 Institute of Security and International Studies</p> <p>Energy for Environment Institute</p> <p>Focus on the Global South</p> <p>Foundation for Ecological Recovery (TERRA)</p> <p>Global Association for People and the Environment (GAPE) (Pakse, Champassak, Lao PDR)</p> <p>Good Governance for Social Development and the Environment Institute (GSEI)</p> <p>Human Security Alliance</p> <p>Institute for Training on Community Development (Surin, Southern Thailand)</p> <p>International Federation of Agricultural Producers (IFAP)</p> <p>Joint Graduate School of Energy &amp; Environment (JGSEE)</p> <p>Kenan Institute Asia</p> <p>Kasetsart University</p> <p>King Mongkut's Institute of Technology Thonburi (KMUTT)</p> <p>King Prajadhipok's Institute – Center of Peace for Democratic Development</p> <p>Khon Kaen University</p> <p>Lao Extension Agriculture Program (LEAP)</p> <p>-3 LaoFAB network</p> <p>Mae Fah Luang University (Chiang Rai)</p> <p>-3 Center for Natural Resources and Environmental Management</p> <p>Mahidol University</p> <p>-3 Faculty of Environment and Resource Studies</p> <p>Mekong Institute</p> <p>Palang Thai</p> <p>Renewable Energy Institute of Thailand (RETI)</p> <p>Sufficiency Economy Institute</p> <p>Corporate Social Responsibility (CSR) Institute</p> <p>Thai Tapioca Development Institute (TTDI)</p> <p>Thailand Development Research Institute (TDRI)</p> <p>Thailand Environment Institute (TEI)</p> <p>Thailand Research Fund (TRF)</p> <p>Thammasat University</p> <p>-3 Faculty of Economics</p>
<p><b>Private sector (C4)</b></p> <p>Companies; private sector associations</p>	<p>Agrisource Co., Ltd.</p> <p>Ayeyarwaddy-Chao Phraya-Mekong Economic Cooperation Strategy (ACMECS) Business Cooperation</p> <p>Bangchak Petroleum Plc</p> <p>Chokchai Farms</p>

	<p>CP Thailand</p> <p>Ethanol-Biodiesel Club of Thailand</p> <p>Federation of Thai Industries (FTI)</p> <p>Greater Mekong Subregion (GMS) Business Forum</p> <p>Myanmar Edible Oil Dealers' Association</p> <p>Thai Chamber of Commerce &amp; Board of Trade of Thailand</p> <p>Thai Ethanol Manufacturers Association</p> <p>Thai-Ngyan ethanol plant</p> <p>Thai Oil Palm and Palm Oil Association</p> <p>Thai Rubber Association</p> <p>Thailand Business Council for Sustainable Development (TBCSD)</p> <p>Thai Rubber Association (TRA)</p> <p>Thai Soya Millers Corporation (TSMC)</p> <p>Thai Tapioca Trade Association (TTTA)</p> <p>(UNICA) Sugarcane Industry Association of São Paulo, Brazil</p>
<p><b>Local level (C5)</b></p> <p>Farmers and farmers' groups; local community representatives and organisations</p>	<p>Aoluk Community Palm Oil Cooperative</p> <p>Community Biodiesel Producer Network, Korat</p> <p>Field Crop Research Centers (Khon Kaen, Nong Khai, Surat Thani)</p> <p>Farmers Associations (Nong Khai, Khon Kaen)</p> <p>Farmers in the Mekong region</p> <p>Federation of Cane Farmers, Bangkok</p> <p>Krabi Community Rubber Cooperative</p> <p>Krabi Oil Palm Farmers Cooperatives Federation (KOFCE)</p> <p>Lao Farm Group Enterprises (FGE)</p> <p>Office of Rubber Replanting Aid Fund (ORRAF) field offices (Phuket, Phang Nga, Krabi, Surat Thani)</p> <p>Oil Palm Research Center (Surat Thani, Nong Khai)</p> <p>Mandalay Crops Exchange Center, Myanmar</p> <p>Provincial Energy Office, Nakhon Si Thammarat</p> <p>Thai Farmers Association</p>

## Appendix B: Key informant interview questions (English version)

The objective of the interviews with the five categories of key informants was the following:

- To assess the *challenges* and *opportunities* related to Thailand's development of bioenergy.
- To investigate how a broad range of informants is *integrating* trade and environment considerations into the policymaking process concerning bioenergy.
- To *identify the problems* and *determine appropriate policy responses* to enhance integration of trade and environment in bioenergy policies to achieve sustainable development.

### I. Questions for trade, economic, energy and agriculture informants (C1, C2, C3, C5)

*National, provincial and local level government officials; regional and international level development and trade experts (NGOs; research institutes; academia), business associations*

- 1.3 What is the present role of bioenergy in Thailand? (e.g., cassava/sugarcane for ethanol; palm oil/Jatropha for biodiesel)
- 2.3 What are the prospects for development of bioenergy in Thailand? What is Thailand's role in bioenergy development in the Mekong region? In ethanol (tapioca/sugarcane)? In biodiesel (palm oil/Jatropha)?
- 3.3 What agroenergy crops are likely to undergo changes (increased production/import or export growth) as a result of Thailand's trade and investment commitments in the Mekong region? (e.g., through ACMECS, ASEAN, AFTA)
4. *The Core Agricultural Support Programme (CASP) of the Greater Mekong Subregion endorsed by the six Ministers of Agriculture in April 2007 deals with increasing trade and investment in agriculture in the GMS. A major focus of CASP is to help farmers reap the benefits of new energy crops and related technologies.*  
What types of investments are likely as a result of trade commitments in bioenergy crops in the Mekong? (e.g., related to contract farming)
- 5.3 What agricultural standards apply to the bioenergy sector?
- 6.3 What are the prospects for Thailand's trade in bioenergy in the Mekong region? In which agroenergy crops. With which countries?
- 7.3 What are the institutional mechanisms in place to deal with this expansion of trade and investment between Thailand and the Mekong region in agroenergy crops?
- 8.3 What is the relationship between agricultural production for food, fuel and fibre?
- 9.3 What is the role of the Clean Development Mechanism (CDM) of the UN Framework Convention for Climate Change in this debate? Is the CDM contributing to increasing the economic viability and environmental motivation to develop biofuels? To provide incentives for more efficient use of biomass in the agricultural production process?
- 10.3 Do you consider there to be a link between first and second generation biofuels? If so what is it? Should Thailand focus on second generation research and development?
- 11.3 Describe your interaction with other government agencies related to bioenergy. Which agencies do you most interact with? On what issues?
- 12.3 How does the development and use of bioenergy fit in with the concept of *Sufficiency Economy*? What is the impact on local livelihoods? How does practice inform the policy?

## II. Questions for environment informants (C1, C2, C3, C5)

*National and local level government officials; environmental experts (NGOs, research institutes, academia)*

- 1.3 What are the key hotspots for environmental threats in Thailand from agricultural expansion? Locations, type of threats? In the Mekong region?
- 2.3 What are the institutional structures in place to deal with these threats in Thailand? In the Mekong region?
- 3.3 To what extent is this agricultural activity a result of increased production of bioenergy crops? If so, which crops?
4. *The Core Agricultural Support Programme (CASP) of the Greater Mekong Subregion endorsed by the six Ministers of Agriculture in April 2007 deals with increasing trade and investment in agriculture in the GMS. A major focus of CASP is to help farmers reap the benefits of new energy crops and related technologies.*  
What types of investments are likely as a result of trade commitments in bioenergy crops in the Mekong? (e.g., related to contract farming)
- 5.3 What are the prospects for bioenergy in Thailand's energy policy? In Thailand's climate change policy?
- 6.3 Are there any noteworthy success stories in the development of bioenergy? Failures?
- 7.3 What is the role of the Clean Development Mechanism (CDM) of the UN Framework Convention for Climate Change in this debate? Is the CDM contributing to increasing the economic viability and environmental motivation to develop biofuels? To provide incentives for more efficient use of biomass in the agricultural production process?
- 8.3 Do you consider there to be a link between first and second generation biofuels? If so what is it? Should Thailand focus on second generation research and development?
- 9.3 Describe your interaction with other government agencies related to bioenergy. Which agencies do you most interact with and on what issues?
10. How does the development and use of bioenergy fit in with the concept of *Sufficiency Economy*? What is the impact on local livelihoods? How does practice inform the policy?

## III. Supplementary questions for local level informants (C4 and C5)

- 1.3 What agricultural crops are being planted in this region?
- 2.3 What is the size of the farm (e.g., small holder or plantation)?
- 3.3 What is the production process (e.g., manual or mechanised)?
- 4.3 What are the chemical fertilizers and pesticides used?
- 5.3 Where is the crop processed? How can the processing technology be made more efficient?
- 6.3 Are there any government (national or provincial) incentives in place to encourage bioenergy production and use?
- 7.3 Is there an institutional structure to support bioenergy crop development?
- 8.3 What is your interaction with government agencies related to bioenergy development and production?
- 9.3 Are you involved in the Community Biodiesel Programme?
10. How does the production and use of bioenergy fit in with the concept of *Sufficiency Economy*? What is the impact on local livelihoods?

#### IV. Questions for private sector informants (C4)

- 1.3 Do you produce bioenergy crops? Which crops? (e.g., cassava/sugarcane for ethanol; palm oil/Jatropha for biodiesel)
- 2.3 Do you export or import bioenergy crops in the Mekong region? If so, which crops? To which countries?
- 3.3 Where is your investment focused in the region? What is the arrangement (e.g., contract farming, land leases)?
- 4.3 *The Core Agricultural Support Programme (CASP) endorsed by the six GMS Ministers of Agriculture in April 2007 deals with increasing trade and investment in agriculture in the GMS, with a major focus on helping farmers reap the benefits of new energy crops and related technologies.*  
What are the opportunities for the bioenergy sector in the context of ACMECS and GMS? Challenges?
- 5.3 Are your exports affected by domestic environmental standards and regulations? Standards in other Mekong countries? Voluntary or mandatory standards? Please give concrete examples of cases where market access for your exports has been impacted by environment-related standards (e.g. certification and labelling, ISO 14000)?
- 6.3 To what extent do socio-environmental considerations affect investment decisions in bioenergy (e.g., health and safety, environmental upgrading of production and processing methods, air or wastewater quality)?
- 7.3 Do you process bioenergy crops? If so, how can your technology be improved?
- 8.3 What is your interaction with governmental agencies – (i) related to trade and investment – (ii) related to resource management and energy policy – (iii) related to the development of standards?
- 9.3 How does production and use of bioenergy fit in with the concept of *Sufficiency Economy*? What is the impact on private sector practice?

## Appendix C: Key informant interview questions (Thai version)

### ภาคผนวก C: คำถามสำหรับการสัมภาษณ์ภาษาไทย

จุดประสงค์ของการสัมภาษณ์ผู้เชี่ยวชาญในสาขาวิชาต่างๆ:

- เพื่อที่จะประเมินถึงความท้าทายและความเป็นไปได้ เกี่ยวกับการพัฒนาด้านพลังงานชีวภาพของประเทศไทย
- เพื่อที่จะตรวจสอบว่า ผู้เชี่ยวชาญในหลายสาขาวิชา มีวิธีการอย่างไร ในการรวบรวมข้อมูลทางด้านการค้า และสภาพแวดล้อม เข้าไปในขั้นตอนการกำหนดนโยบายเกี่ยวกับพลังงานชีวภาพ
- เพื่อที่จะจำแนกถึงปัญหาและกำหนดนโยบายตอบสนองที่เหมาะสม ในการยกระดับการรวมการค้า และสภาพแวดล้อมในนโยบายพลังงานชีวภาพ เพื่อให้เกิดการพัฒนาที่ยั่งยืน

การสัมภาษณ์กับผู้เชี่ยวชาญทางด้านการค้า เศรษฐกิจ และเกษตรกรรม (หมวดที่ C1, C2, C3, C5)

ข้าราชการระดับประเทศ และ ท้องถิ่น; ผู้เชี่ยวชาญทางด้านการค้า (NGO; สถาบันวิจัย; วงการวิชาการ), สมาคมธุรกิจ.

- 1.3 พลังงานชีวภาพมีบทบาทอย่างไรในประเทศไทยปัจจุบัน? (เช่น มันสำปะหลัง/ อ้อยที่ใช้สำหรับการผลิตเอทานอล; น้ำมันปาล์ม/ จาโทรฟาที่ใช้กับไบโอดีเซล)
- 2.3 แนวโน้มของการพัฒนาพลังงานชีวภาพในประเทศไทยเป็นอย่างไร? ประเทศไทยมีหน้าที่ในการพัฒนาพลังงานชีวภาพ เอทานอล (มันสำปะหลัง/อ้อย (ไบโอดีเซล (น้ำมันปาล์ม/จาโทรฟา) ในแถบกลุ่มแม่น้ำโขงอย่างไร?
- 3.3 พืชผลชนิดใดที่ใช้ในพลังงานการเกษตรมีความเป็นไปได้ที่จะเกิดการเปลี่ยนแปลง (เช่น ผลผลิตที่เพิ่มขึ้น/การเติบโตของการนำเข้าและส่งออก) ซึ่งเป็นผลพวงมาจากการทำสัญญาทางการค้าและการลงทุนในประเทศไทยในแถบกลุ่มแม่น้ำโขง? (เช่น จากแอฟริกา, เอเชีย หรือ ออสเตรเลีย)
- 4.3 โครงการสนับสนุนเกษตรกรรมร่วม (Core Agricultural Support Programme - CASP) ของโครงการพัฒนาอนุภาคุ่มแม่น้ำโขง (Greater Mekong Subregion - GMS) ซึ่งรัฐมนตรีว่าการกระทรวงเกษตร 6 ชาติ ได้ลงนามร่วมกันในเดือนเมษายน 2550 ซึ่งเกี่ยวข้องกับการค้าและการลงทุนด้านการเกษตรใน GMS โครงการ CASP มีหน้าที่หลักในการช่วยชาวนาเก็บเกี่ยวผลประโยชน์จากพืชผลพลังงานใหม่ และเทคโนโลยีที่เกี่ยวข้อง

การลงทุนชนิดใดซึ่งมีความเป็นไปได้ อันเนื่องมาจากผลของการตกลงทางการค้า ในด้านพืชผลพลังงานชีวภาพในแถบลุ่มแม่น้ำโขง) เช่น เรื่องที่เกี่ยวข้องกับสัญญาเช่าที่นา(

- 5.3 มาตรฐานด้านการเกษตรใดที่ใช้ได้กับในเรื่องพลังงานชีวภาพ ?
- 6.3 อนาคตสำหรับการค้าทางด้านพลังงานชีวภาพในประเทศไทยในแถบลุ่มแม่น้ำโขงคืออะไร ? กับพืชเชื้อเพลิงชนิดใด และกับประเทศไหน ?
- 7.3 กลไกของสถาบันใดที่พร้อมจะรับมือกับการขยายตัวด้านการค้าและการลงทุนระหว่างประเทศไทยและในแถบลุ่มแม่น้ำโขงในเรื่องพืชผลพลังงานการเกษตร
- 8.3 ความสัมพันธ์ระหว่างผลผลิตด้านการเกษตรเพื่ออาหาร เชื้อเพลิง และ โยอาหาร ในแถบลุ่มแม่น้ำโขง คืออะไร ?
- 9.3 บทบาทของกลไกการพัฒนาที่บริสุทธิ์ (Clean Development Mechanism - CDM (ในกรอบของสหประชาชาติในอนุสัญญา ว่าด้วยการเปลี่ยนแปลงของสภาพอากาศในการอภิปรายในครั้งนี้ คืออะไร ? CDM ที่เพิ่มเข้ามาในเรื่องของสิ่งแวดล้อมและเรื่อง โอกาสทางด้านเศรษฐกิจจะช่วยพัฒนาในเรื่องของไบโอดีเซลหรือไม่ ?
- 10.3 คุณพิจารณาเห็นว่ามีความเกี่ยวข้องระหว่างมนุษย์ในช่วงอายุแรก และช่วงที่สองในเรื่องพลังงานชีวภาพหรือไม่ คุณคิดว่ามีความเกี่ยวข้องระหว่างพืชเชื้อเพลิงในยุคแรกกับยุคที่สองหรือไม่ ? ถ้ามี มันคืออะไร ? ถ้าไม่มีการเกี่ยวข้องที่ชัดเจน ประเทศไทยควรจะเน้นการวิจัย ในช่วงอายุที่สองเป็นการพิจารณาหรือไม่ ?
- 11.3 โปรดอธิบายถึงการปฏิสัมพันธ์ของท่าน กับหน่วยงานรัฐบาลอื่นๆ ในด้านพลังงานชีวภาพ ความเชื่อมโยงระหว่างคุณกับหน่วยงานของรัฐที่เกี่ยวข้องกับพลังงานชีวภาพ ว่าเป็นอย่างไร และหน่วยงานใดที่คุณมีการปฏิสัมพันธ์มากที่สุด และในเรื่องใด ?
- 12.3 พลังงานชีวภาพมีความเหมาะสมกับแนวคิดในเรื่องเศรษฐกิจพอเพียงอย่างไร ? ผลกระทบในอนาคตต่อการหาเลี้ยงชีพของคนท้องถิ่นคืออะไร ? การปฏิบัติจะก่อให้เกิดนโยบายอย่างไร ?

การสัมภาษณ์ผู้เชี่ยวชาญ กับผู้เชี่ยวชาญ ด้านสิ่งแวดล้อม) หมวดที่ C1, C2, C3, C5)

ข้าราชการระดับประเทศ และ ท้องถิ่น; ผู้เชี่ยวชาญทางด้านการค้า (NGO; สถาบันวิจัย; วงการวิชาการ), สมาคมธุรกิจ

- 1.3 ประเด็นที่สำคัญต่อภัยคุกคามด้านสิ่งแวดล้อมในประเทศไทย อันเนื่องมาจากการขยายตัวทางด้านเกษตรกรรมคืออะไร ? สถานที่และภัยคุกคามชนิดใด ? ในแถบลุ่มแม่น้ำโขง ?
- 2.3 ผลจากการผลิตที่เพิ่มขึ้นของ พืชพลังงานชีวภาพมีขอบเขตอย่างไร ? ถ้ามี เป็นพืชชนิดใด ?
- 3.3 มีโครงสร้างสถาบันอะไรที่สามารถรับมือกับภัยคุกคามในด้านสิ่งแวดล้อมเหล่านี้ ในประเทศไทยและแถบลุ่มแม่น้ำโขงหรือไม่ ?
- 4.3 โครงการสนับสนุนเกษตรกรรมร่วม) Core Agricultural Support Programme - CASP) ของโครงการพัฒนาอนุภาคลุ่มแม่น้ำโขง) Greater Mekong Subregion – GMS) ซึ่งรัฐมนตรีว่าการกระทรวงเกษตร 6 ชาติ ได้ลงนามร่วมกันในเดือนเมษายน 2550 ซึ่งเกี่ยวข้องกับการค้าและการลงทุนด้านการเกษตรใน GMS โครงการ CASP มีหน้าที่หลักในการช่วยชาวนาเก็บเกี่ยวผลประโยชน์จากพืชผลพลังงานใหม่ และเทคโนโลยีที่เกี่ยวข้อง

การลงทุนชนิดใดซึ่งมีความเป็นไปได้ อันเนื่องมาจากผลของการตกลงทางการค้า ในด้านพืชผลพลังงานชีวภาพในแถบลุ่มแม่น้ำโขง) เช่น เรื่องที่เกี่ยวข้องกับสัญญาเช่าที่นา(

- 5.3 อนาคตของนโยบายพลังงานด้านพลังงานชีวภาพในประเทศไทยเป็นอย่างไร ? กับนโยบายการเปลี่ยนแปลงทางภูมิอากาศในประเทศไทย ?
- 6.3 เรื่องที่ประสบความสำเร็จที่สำคัญในการพัฒนาพลังงานชีวภาพ มีหรือไม่ ? เรื่องที่ล้มเหลว ?
- 7.3 บทบาทของกลไกการพัฒนาที่บริสุทธิ์ (Clean Development Mechanism - CDM (ในกรอบของสหประชาชาติในอนุสัญญา ว่าด้วยการเปลี่ยนแปลงของสภาพอากาศในการอภิปรายในครั้งนี้ คืออะไร ? CDM ที่เพิ่มเข้ามาในเรื่องของสิ่งแวดล้อมและเรื่องโอกาสทางด้านเศรษฐกิจจะช่วยพัฒนาในเรื่องของไบโอดีเซลหรือไม่ ?
- 8.3 คุณพิจารณาเห็นว่ามี mốiเกี่ยวข้องระหว่างมนุษย์ในช่วงอายุแรก และช่วงที่สองในเรื่องพลังงานชีวภาพหรือไม่ คุณคิดว่ามีเกี่ยวข้องระหว่างพืชเชื้อเพลิงในยุคแรกกับยุคที่สองหรือไม่ ? ถ้ามี มันคืออะไร ? ถ้าไม่มีการเกี่ยวข้องที่ชัดเจน ประเทศไทยควรจะเน้นการวิจัยในช่วงอายุที่สองเป็นการพิจารณาหรือไม่ ?
- 9.3 โปรดอธิบายถึงการปฏิสัมพันธ์ของท่าน กับหน่วยงานรัฐบาลอื่นๆ ในด้านพลังงานชีวภาพ ความเชื่อมโยงระหว่างคุณกับหน่วยงานของรัฐที่เกี่ยวข้องกับพลังงานชีวภาพ เป็นอย่างไร และหน่วยงานใดที่คุณมีการปฏิสัมพันธ์มากที่สุด และในเรื่องใด ?



10.3 พลังงานชีวภาพมีความเหมาะสมกับแนวคิดในเรื่องเศรษฐกิจพอเพียงอย่างไร ? ผลกระทบใน  
อนาคตต่อการหาเลี้ยงชีพของคนท้องถิ่นคืออะไร ? การปฏิบัติจะก่อให้เกิดนโยบายอย่างไร ?

การสัมภาษณ์เพิ่มเติมกับผู้เชี่ยวชาญในพื้นที่) หมวดที่ C4 และ C5(

1.3 พืชผลการเกษตรอะไรที่สามารถเพาะปลูกในพื้นที่แถบนี้ ?

2.3 พื้นที่ของนามีขนาดเท่าไร ? (เช่น ขนาดเล็กหรือใหญ่)

3.3 ขั้นตอนในการผลิตเป็นอย่างไร ? (เช่น ด้วยมือ หรือ เครื่องจักร)

4.3 ใช้ปุ๋ยเคมีและยาฆ่าแมลงชนิดใด ?

5.3 มีการจัดการพืชผลที่ไหน ? สามารถทำให้เทคโนโลยีที่ใช้ในกระบวนการผลิตมีประสิทธิภาพมากขึ้นได้อย่างไร ?

6.3 มีการกำหนดแรงจูงใจโดยฝั่งรัฐบาล) ระดับชาติ หรือ ระดับจังหวัด (เพื่อสนับสนุนการผลิตพลังงานชีวภาพหรือไม่ ?

7.3 มีโครงสร้างสถาบันเพื่อส่งเสริมการพัฒนาพืชพลังงานชีวภาพหรือไม่ ?

8.3 ท่านมีปฏิสัมพันธ์กับหน่วยงานของรัฐบาลซึ่งเกี่ยวข้องกับพลังงานชีวภาพและการผลิตอย่างไร ?

9.3 ท่านมีความเกี่ยวข้องกับโครงการชุมชนไบโอดีเซล (Community Biodiesel Programme) หรือไม่ ?

10.3 พลังงานชีวภาพมีความเหมาะสมกับแนวคิดในเรื่องเศรษฐกิจพอเพียงอย่างไร ? ผลกระทบ  
ในอนาคตต่อการหาเลี้ยงชีพของคนท้องถิ่นคืออะไร ?

คำถามสำหรับภาคเอกชน

1.3 ท่านผลิตพืชผลจากพลังงานชีวภาพหรือไม่ ? ชนิดใด ? (เช่น มันสำปะหลัง / อ้อยที่ใช้ในการผลิตเอทานอล; น้ำมันปาล์ม / จาโทรฟา ที่ใช้ในการผลิตไบโอดีเซล)

2.3 ท่านส่งออกหรือนำเข้าพืชผลจากพลังงานชีวภาพในแถบลุ่มแม่น้ำโขงหรือไม่ ? ถ้าใช่ พืชผลชนิดใด และ กับประเทศไหน ?

3.3 การลงทุนของท่าน มุ่งเน้นในพื้นที่ใด ? ข้อตกลงเป็นอย่างไร (เช่น สัญญาเช่าที่นา การให้เช่าที่ดิน?)

4.3 โครงการสนับสนุนเกษตรกรรวม) Core Agricultural Support Programme - CASP) ของโครงการพัฒนาอนุภาคลุ่มแม่น้ำโขง) Greater

Mekong Subregion – GMS) ซึ่งรัฐมนตรีว่าการกระทรวงเกษตร 6 ชาติ ได้ลงนามร่วมกันในเดือนเมษายน 2550 ซึ่งเกี่ยวข้องกับการค้าและการลงทุนด้านการเกษตรใน GMS โครงการ CASP มีหน้าที่หลักในการช่วยชาวนาเก็บเกี่ยวผลประโยชน์จากพืชผลพลังงานใหม่ และเทคโนโลยีที่เกี่ยวข้อง

โอกาสทางด้านพลังงานชีวภาพในบริบทของ แอ็กเม็กส์ และในแถบลุ่มแม่น้ำโขงคืออะไร ? ความท้าทายเป็นอย่างไร ?

- 5.3 การส่งออกของท่านมีผลกระทบต่อ กฎเกณฑ์และมาตรฐานด้านสิ่งแวดล้อมภายในประเทศของท่านหรือไม่ ? และมาตรฐานในประเทศแถบลุ่มแม่น้ำโขง ? มาตรฐานตามกฎเกณฑ์ที่วางไว้หรือที่สมัครใจ ? โปรดยกตัวอย่างที่เป็นรูปธรรม ของกรณีศึกษาซึ่งการส่งออกของท่านได้รับผลกระทบจากมาตรฐานที่เกี่ยวข้องกับสิ่งแวดล้อม) เช่น การรับรอง ฉลากสินค้า มาตรฐาน ISO 14000) ?
- 6.3 ผลจากการไต่ร่องทางด้านสังคมและสภาพแวดล้อม มีผลกระทบต่อ การตัดสินใจในด้านการลงทุนในพลังงานชีวภาพอย่างไร ? ถ้ามี เป็นพืชชนิดใด ?) เช่น สุขภาพและความปลอดภัย การพัฒนาสิ่งแวดล้อมในวิธีและกระบวนการผลิต คุณภาพของน้ำเสียและอากาศเป็นอย่างไร(
- 7.3 ท่านมีกรรมวิธีในการแปรรูปพืชผลจากพลังงานชีวภาพหรือไม่ ? ถ้ามี ท่านใช้เทคโนโลยีในการพัฒนาอย่างไร ?
- 8.3 ท่านติดต่อกับหน่วยงานของรัฐบาลในเรื่องต่อไปนี้หรือไม่ → i) ด้านการค้าและการลงทุน – (ii) ด้านการบริหารจัดการทรัพยากร และนโยบายพลังงาน (iii) การพัฒนาตามมาตรฐาน ?
- 9.3 พลังงานชีวภาพมีความเหมาะสมกับแนวคิดในเรื่องเศรษฐกิจพอเพียงอย่างไร ? มีผลกระทบต่อ การปฏิบัติทางด้านเอกชนอย่างไร ?

## Appendix D: Mekong bioenergy survey questionnaire (English)

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ORGANISATION: \_\_\_\_\_  
 CITY: \_\_\_\_\_ PROFESSION: \_\_\_\_\_

Please answer the following questions by choosing only ONE answer:

- 1.3 What is the main **driving force** behind your country's policies on biofuels?  
 a.3 Energy security  
 b.3 Domestic commercial opportunities  
 c.3 Export growth potential (trade)  
 d.3 Local rural livelihood development  
 e.3 Greenhouse gas emission reduction (addressing climate change)
- 2.3 Could your Government benefit from more **information** in formulating biofuels policies?  
 YES  NO
- 3.3 Could **coordination** between ministries on biofuels policy be improved in your country?  
 YES  NO
- 4.3 What is the main challenge to the development of the **biodiesel** sector in your country?  
 a.3 Need to improve the policy framework  
 b.3 Need to improve implementation of policies and regulations  
 c.3 Need to improve crop yields  
 d.3 Need to improve harvesting techniques (farmer's knowledge or mechanization)  
 e.3 Need to improve processing technologies
- 5.3 What is the main challenge to the development of the **ethanol** sector in your country?  
 a.3 Need to improve the policy framework  
 b.3 Need to improve implementation of policies and regulations  
 c.3 Need to improve crop yields  
 d.3 Need to improve harvesting techniques (farmer's knowledge or mechanization)  
 e.3 Need to improve processing technologies
- 6.3 Which actor should take the lead in developing the biofuels sector **in your country**?  
 a.3 Government at the national level  
 b.3 Government at the local and provincial levels  
 c.3 Private sector  
 d.3 Community civil society organisations
- 7.3 Which actor should take the lead in developing the biofuels sector **in the Mekong region**?  
 a.3 Under the direction of member Governments, a regional organisation  
 (e.g., ADB, ASEAN, APEC)  
 b.3 Governments at the national level  
 c.3 Government at the local and provincial levels  
 d.3 Private sector  
 e.3 Public private partnerships  
 f.3 Community-based organisations
- 8.3 Are you aware of, or do you benefit from **Government incentives** to promote biofuels?  
 YES  NO
- 9.3 Are you aware of, or do you make use of **standards** related to biofuels?  
 YES  NO
- 10.3 In your opinion, is your country's biofuels sector developing along the **right path** as of 2009?  
 YES  NO

## Appendix E: Mekong bioenergy survey questionnaire (Thai)

โอกาสและทางเลือกเชิงนโยบายทางการค้าพลังงานชีวภาพของไทยในภูมิภาคลุ่มน้ำโขง :

นัยยะที่สำคัญต่อการพัฒนาที่ยั่งยืน  
แบบสำรวจพลังงานชีวภาพในแถบลุ่มแม่น้ำโขง

ชื่อ-นามสกุล : \_\_\_\_\_ วันที่: \_\_\_\_\_

หน่วยงาน/องค์กร: \_\_\_\_\_

จังหวัด: \_\_\_\_\_ อาชีพ: \_\_\_\_\_

กรุณาตอบคำถามต่อไปนี้ โดยเลือกตอบเพียงหนึ่งคำตอบเท่านั้น

1. ● อะไรคือแรงผลักดันที่สำคัญต่อนโยบายด้านพืชเชื้อเพลิงของประเทศของคุณ
  - ก. ● ความมั่นคงทางพลังงาน (เพื่อความหลากหลายของแหล่งพลังงาน)
  - ข. ● โอกาสทางการค้าในประเทศ (เพื่อตอบสนองคำสั่งของรัฐบาล)
  - ค. ● ศักยภาพทางด้านการเจริญเติบโตของการส่งออก (เพื่อการค้า)
  - ง. ● การพัฒนารูปแบบวิถีชีวิตของชาวชนบทในท้องถิ่น
  - จ. ● การลดปริมาณการปล่อยก๊าซเรือนกระจก (เพื่อกล่าวถึงภาวะโลกร้อน)
2. ● รัฐบาลของท่านได้รับประโยชน์จากข้อมูลเพิ่มเติมในเรื่องการกำหนดนโยบายพืชเชื้อเพลิงหรือไม่
 

ได้รับประโยชน์                       ไม่ได้รับประโยชน์
3. ● ความร่วมมือระหว่างกระทรวงในด้านนโยบายพืชเชื้อเพลิงของประเทศนั้น สามารถพัฒนาได้หรือไม่
 

พัฒนาได้                                       พัฒนาไม่ได้
4. ความท้าทายหลักในด้านการพัฒนาไบโอดีเซลภายในประเทศคือ
  - ก. ความจำเป็นในการพัฒนารอบนโยบาย
  - ข. ความจำเป็นในการพัฒนาการประยุกต์ใช้นโยบายและกฎระเบียบข้อบังคับต่างๆ
  - ค. ความจำเป็นในการพัฒนาการให้ผลผลิตของพืชผล
  - ง. ความจำเป็นในการพัฒนาเทคนิควิธีในการเก็บเกี่ยวผลผลิต                      ความรู้ในการเพาะปลูกหรือการใช้  
(ปลูกเครื่องจักรกลของเกษตรกรผู้
  - จ. ความจำเป็นในการพัฒนาเทคโนโลยีกรรมวิธีการผลิต
5. ● ความท้าทายหลักในการพัฒนาเอทานอลในประเทศคือ
  - ก. ความจำเป็นในการพัฒนารอบนโยบาย
  - ข. ● ความจำเป็นในการพัฒนาการประยุกต์ใช้นโยบายและกฎระเบียบข้อบังคับต่างๆ
  - ค. ความจำเป็นในการพัฒนาการให้ผลผลิตของพืชผล
  - ง. ● ความจำเป็นในการพัฒนาเทคนิควิธีในการเก็บเกี่ยวผลผลิต (ความรู้ในการเพาะปลูกหรือการใช้  
เครื่องจักรกลของเกษตรกรผู้ปลูก)
  - จ. ความจำเป็นในการพัฒนาเทคโนโลยีกรรมวิธีการผลิต
6. ● ใครควรเป็นผู้นำในการพัฒนาพืชเชื้อเพลิงในประเทศ

- ก. รัฐบาลระดับชาติ
- ข. ● รัฐบาลระดับท้องถิ่นและจังหวัด
- ค. ● ภาคเอกชน
- ง. ● องค์กรทางสังคมภาคประชาชนและชุมชน
7. ● ใครควรเป็นผู้นำในการพัฒนาพืชเชื้อเพลิงในแถบลุ่มแม่น้ำโขง
- ก. ภายใต้การชี้นำจากสมาชิกรัฐบาล องค์กรส่วนภูมิภาค อาทิ ธนาคารเพื่อการพัฒนาแห่งเอเชีย (ADB) สมาคมประชาชาติแห่งเอเชียตะวันออกเฉียงใต้ (ASEAN) องค์กรความร่วมมือทางเศรษฐกิจเอเชีย-แปซิฟิก (APEC)
- ข. ● รัฐบาลระดับชาติ
- ค. ● รัฐบาลระดับท้องถิ่นและจังหวัด
- ง. ● ภาคเอกชน
- จ. ● ความร่วมมือระหว่างภาครัฐและเอกชน (PPP)
- ฉ. ● องค์กรทางสังคมภาคประชาชนและชุมชน
8. ● คุณตระหนักถึงความสำคัญหรือได้รับประโยชน์จากการที่รัฐบาลสนับสนุนให้เกิดการใช้เชื้อเพลิงชีวภาพหรือไม่
- ตระหนักถึงความสำคัญหรือได้รับประโยชน์
- ไม่ตระหนักถึงความสำคัญหรือไม่ได้รับประโยชน์
9. ● คุณตระหนักถึงความสำคัญหรือได้นำมาตรฐานที่เกี่ยวข้องกับพืชเชื้อเพลิงมาใช้บ้างหรือไม่
- ตระหนักถึงความสำคัญหรือได้นำมาตรฐานเกี่ยวกับพืชเชื้อเพลิงมาใช้
- ไม่ตระหนักถึงความสำคัญหรือไม่ได้นำมาตรฐานเกี่ยวกับพืชเชื้อเพลิงมาใช้
10. ในความเห็นของคุณ คุณคิดว่า พืชเชื้อเพลิงภายในประเทศ ณ ปัจจุบัน กำลังพัฒนาไปในแนวทางที่ถูกต้องหรือไม่
- พัฒนาไปในแนวทางที่ถูกต้อง       พัฒนาไปในแนวทางที่ไม่ถูกต้อง

## Appendix F: Focus group discussion points

### 1. Government incentives to stimulate bioenergy sector

- Which Ministry is driving biofuels policy and is there sufficient coordination (energy, trade, finance, environment, agriculture)
- Top-down v. Bottom-up policies (national v. local/provincial level planning) – e.g. Ministry of Ag expansion of palm oil in the Northeast v. Ministry of Energy expansion of Jatropha for energy sufficiency.
- National Biofuels Organisation to be created?
- Membership of the National Biofuels Committee & the National Energy Standing Committee
- UNCTAD (2006) study – by 2012, Thailand will save \$325 mil on ethanol and \$675 mil from biodiesel?

### 2. Policy instruments and regulatory framework

- Compulsory blending; loan guarantees; reduced taxes; subsidies; R&D investment (BOI)
- Coordinates policy framework? Implement the roadmaps for ethanol & biodiesel
- National Alternative Energy Development Plan (March 2009)
- Regulatory impediments – palm oil import restrictions; molasses export ban

### 3. Thailand's trade potential in bioenergy

- 3 Will Thailand become an ethanol **exporter**? – 17 million liters exported in 2008 to Singapore, Philippines, Taiwan, Australia and Europe? (APEC)
- 3 Capacity for biodiesel (palm oil expansion)
- 3 Are first generation biofuel crops only a **transition**? If so, how long will it last?

### 4. Agroenergy base in Thailand and the Mekong

- Which **feedstock crops** to develop for biofuels?
- Ethanol – shift from molasses to cassava?
- Biodiesel – *scale-up* community biodiesel and oil palm plantations in the Northeast?
- Role of Jatropha (Ministries of Energy & Agriculture differ on policy perspective)
- Sourcing agroenergy feedstocks in neighbouring countries

### 5. Regional framework for bioenergy (GMS, ASEAN, APEC, ACMECS)

- Regional coordination in the GMS economic corridors?
- Thailand-Myanmar Memorandum of Understanding
- Biofuel standards – APEC guidelines and standards for biodiesel
- APEC Task Force on biofuel economics and trade (Peesamai)
- Transportation in the GMS economic corridors – ADB study on biodiesel

### 6. Role of contract farming in the Mekong region

- Safeguarding Thai investments in the GMS (e.g., ACMECS corn)
- Land reform and ownership - farmers v. wage labourers on the land
- Migrant works in the Mekong (to harvest labour intensive bioenergy crops)
- Thai sugarcane revenue redistribution – 70% growers v. 30% processors

### 7. Food v. Fuel debate

- Bioenergy/renewable energy hub of Asia – sufficient infrastructure?
- Thai Committee on Food Security/central governmental bioenergy authority?
- Thai as key player in global food supply chain – opportunity vs. responsibility?
- Add value to agriculture sector – move to knowledge-based bioeconomy (Samai)

### 8. Climate change impacts on agroenergy

- Stimulus for shift to low-carbon economy - narrow window of opportunity
- Climate change will exacerbate existing environmental problems (soil fertility/erosion, water, deforestation) in agricultural sector

## Appendix G: List of key informant interviews

During the course of this research, 580 interviews were undertaken between October 2008 and February 2010. Preliminary interviews were carried out from January to April 2008. The interviewees are listed in alphabetical order, using the last name for English names and the first name for Thai and Laotian names as is the customary practice. If not otherwise indicated, the interviews took place in Bangkok.

I am deeply indebted to those individuals who gave of their time, enthusiasm and constructive feedback during the interview process, including through follow-up email correspondence. As a direct consequence, my understanding of the agroenergy landscape in Thailand, the Mekong and Brazil, in essence, embodies the perspectives of these experts either explicitly or implicitly. Of course, I take responsibility for any oversights and errors in conveying the unfolding narrative in Thailand and the Mekong region.

No.	Date	Title	Interviewee		Title	Organisation	City	Cat
1	20-May-09	M.L. Mrs.	Abhawadee	Devakula	Representative	CIC Office	Bangkok, Thailand	C4 FG
2	26-May-09	Mr.	Ahmed	Javed	Communications Director	The Global Subsidies Initiative, International Institute for Sustainable Development	tel interview to Geneva, Switzerland	C3
3	22-May-09	Mr.	Allinson	Martin	professor	Center for Research in Plurality in the Mekong Region, Khon Kaen University	based in Khon Kaen, Thailand	C3
4	1-May-09	Dr.	Allison	Edward	Director, Policy, Economics & Social Science	WorldFish Center	based in Panang, Malaysia	C3
5	26-Mar-09	Mr.	Aloune	Sayavong	Director, Water Resources Management Division	Water Resources and Environment Agency (WREA)	based in Vientiane, Lao PDR	C1
6	6-Oct-09	Mr.	Alves de Sousa	Marcelo	Administrative manager	Observatory of Renewable Energy for Latin America & the Caribbean	interviewed in Leon, Mexico (based in Parque Tecnológico Itaipu, Foz do Iguacu, Brazil)	C1F X
7	20-Nov-09	Mr.	Amaral	Luiz Fernando do	Environmental Advisor	Sugarcane Industry Association (UNICA)	interviewed in Brasilia, Brazil, based in São Paulo	C4
8	6-Mar-09	Dr.	Ammar	Siamwalla	Distinguished Scholar	Thailand Research Development	Bangkok, Thailand	C3

						Institute (TDRI)		
9	30-Apr-09	Dr.	Ancha	Srinivasan	Senior Climate Change Specialist, Agriculture, Environment & Natural Resources Division	Southeast Asia Department, Asian Development Bank	based in Manila, The Philippines	C2
10	10-Jun-09	Mr.	anonymous	Seasonal worker	rubber wood kiln operator	21 yrs old	from Victoria Point, Myanmar	C5
11	10-Mar-09	Mr.	Anousinh	Pholsena	Technical Director	Lao State Fuel Company, Ministry of Industry and Commerce	based in Vientiane, Lao PDR	C1
12	6-Mar-09	Dr.	Apichai	Puntasen	Dean, Faculty of Management Science	Ubon Rajathanee University	based in Ubon Rajathanee, Thailand	C3
13	13-Jan-09	Mr.	Apichart	Jongskul	Secretary General	Office of Agricultural Economics	Bangkok, Thailand	C1
	2-Jun-09	Mr.	Apichart	Jongskul	Secretary General	Office of Agricultural Economics (OAE)	Bangkok, Thailand	C1
14	10-Jun-09	Mr.	Apichat	Janjit	latex delivery driver from 20 farmers, 200 rai total	44 yrs old	Lor Yong, Phang Nga, Thailand	C4
15	22-May-09	Dr.	Apisit	Patchimpattapong	Nuclear Energy Department	Electricity Generating Authority of Thailand	Bangkok, Thailand	C1
16	1-May-09	Ms.	Aree	Wattana Tummakird	Director, Office of Climate Change Coordination	Office of Natural Resources & Environmental Policy & Planning (ONEP) Ministry of Natural Resources and Environment	Bangkok, Thailand	C1
17	7-Apr-09	Ms.	Areerat	Yoohoon	Department of Alternative Energy Development and Efficiency (DEDE)	Ministry of Energy	Bangkok, Thailand	C1
18	11-Feb-09	Mr.	Ariana	Odeck	Manager	Ary's Warung	Ubud, Bali, Indonesia	C4
19	13 May 2010	Ms.	Aroonsuk	Sangsa-ard	Research, Bioenergy Research Center	Chiang Mai University	Chiang Mai, Thailand	C3
20	26-Jan-09	Amb	Arsa	Sarasin	Personal Private Secretary to His Majesty the King	Office of His Majesty the King of Thailand	Bangkok, Thailand	C1
21	21-Jan-09	Mr.	Arun	Potipatsa	Chairman, Assembly of Tampon (elected)	Vanghinlad Tambon	Khon Kaen, Thailand	C5
22	2-Jun-09	Mr.	Asae	Sayaka	Director	Wetlands International - Thailand Office	based in Hat Yai, Thailand	C3 FG
23	25-Aug-09	Mr.	Assunção	Lucas	Head, Bioenergy Initiative	United Nations Conference on Trade and Development (UNCTAD)	email correspondence, based in Geneva, Switzerland	C2
24	8-Mar-09	Mr. & Mrs.	Athiras	Dumdee	Owner & son	Dumdee Biodiesel	based in Aoluk Nua, Krabi, Thailand	C4



	11-Apr-09	Mr.	Athiras	Dumdee	Director	Dumdee Biodiesel	Aoluk, Krabi, Thailand	C4 FG
26	8-Jun-09	Mrs.	Aum	Pai	rubber latex worker (44 yrs old)	from Rayong	Rayong, Thailand	C5
27	11-Mar-09	Mr.	Baan	Eelco	Network Leader/Advisor Asia Small Holder Cash Crops	Netherlands Development Organisation (SNV)	based in Vientiane, Lao PDR	C2
28	18-Mar-09	Dr.	Bach	Tan Sinh	Director, Department of Science and Technology Human Resource Policy & Organization Studies	National Institute for Science and Technology Policy and Strategy Studies	based in Hanoi, Vietnam	C3
	11-May-09	Dr.	Bach	Tan Sinh	Director, Department of Science & Technology	National Institute for Science and Technology Policy and Strategy Studies	based in Hanoi, Vietnam	C1
29	28-Apr-09	Mr.	Baker	Chris	writer/academic	author of Thailand's Boom and Bust	Bangkok, Thailand	C3
30	10-Jun-09	Mr.	Banternng	Thungin	Provincial Chief	Office of the Rubber Replanting Aid Fund (ORRAF), Phuket	Phuket, Thailand	C1 FG
31	30-Jan-09	Dr.	Banuri	Tariq	Director, Sustainable Development Division	United Nations	based in New York, US	C2
32	20-Aug-09	Mr.	Barney	Keith	Doctoral Candidate	York University, Toronto	email correspondence (based in Toronto, Canada)	C3
33	27-Oct-09	Ms.	Barsana	Teresita	Ambassador	Embassy of the Philippines to Brazil	Brasilia, Brazil	C1F X
34	15 November 2009	Mr.	Bartlett	Andrew	Moderator	Laofab network	e-mail exchange, based in Vientiane, Lao PDR	C3
35	11-May-09	Mr.	Bastakoti	Ram	Researcher	M-Powernet	based in Chiang Mai, Thailand	C3
36	30-Apr-09	Amb. Dr.	Battacharya	Debapriya	Distinguished Fellow/Former Ambassador of Bangladesh to the WTO	Centre for Policy Dialogue	based in Dhaka, Bangladesh	C1
37	5-Jun-09	Ms.	Baumüller	Heike	Researcher	Chatham House, Royal Institute of International Affairs	tel interview to London, UK	C3
38	21-Feb-09	Dr.	Bello	Walden	Senior Analyst, Professor, National President	Focus on the Global South, University of the Philippines, Freedom from Debt Coalition	based in Bangkok and Quezon City, The Philippines	C3
39	30-Apr-09	Mr.	Bernabe	Johannes	Deputy Director	International Center for Trade and Sustainable Development	based in Geneva, Switzerland	C3
40	23-Jan-09	Mr.	Berry	John	Director	APEC Economic Integration	Bangkok, Thailand	C2
41	29-Oct-09	Mr.	Bezerra Kesselring	Adopho Luiz	Agenda 21 Coordinator	IBRAM - Brasilia Environmental Institute	Brasilia, Brazil	C1F X

42	3-Feb-09	Dr.	Blate	Geoffrey	Climate Change Coordinator	WWF Greater Mekong Regional Policy Unit	Bangkok, Thailand	C3
	28-Apr-09	Dr.	Blate	Geoffrey	Climate Change Coordinator	WWF Greater Mekong Programme	Bangkok, Thailand	C3
43	7-Oct-09	Mr.	Bley	Cicero	Coordinator, Renewable Energy	Itaipu Binacional	interviewed in Leon, Mexico (based in Parque Tecnológico Itaipu, Foz do Iguacu, Brazil)	C1F X
44	9-Oct-09	Dr.	Bogdan Salej	Stefan -	Director General	International Center for Promotion of Enterprises (ICPE) (former Director, Federation of Industries of Minas Gerais, Brazil)	interviewed in Leon, Mexico (based in Ljubljana, Slovenia)	C4
45	24-Feb-09	Ms.	Bograd	Jo Hazel	Research Scientist	Kasetsart University	Bangkok, Thailand	C3
46	18-Mar-09	Mr.	Bokai	Huang	Technology Transfer Manager	Tricorona Carbon Asset Management	based in Beijing, China	C4
47	15-Jan-09	Mr.	Boonmee	Wattananuangsong	Secretary General	Thai Tapioca Starch Association	Nonthaburi, Thailand	C1
48	1-Apr-08	Dr.	Boonrod	Sajjakunukit	Alternative Energy Expert	Department of Alternative Energy Development and Efficiency, Ministry of Energy	Bangkok, Thailand	C1
49	26-Mar-09	Dr.	Boonrod	Binson	Former Chairman	Thai National Mekong Committee	Bangkok, Thailand	C1
50	7-Apr-09	Mr.	Boonrod	Sajjakunukit	Department of Alternative Energy Development and Efficiency (DEDE)	Ministry of Energy	Bangkok, Thailand	C1
51	10-Jun-09	Mr.	Boonsong	Thavorn	4th generation rubber tapper with 300 rai plantation	58 yrs old	Takuatung, Phang Nga, Thailand	C4 FG
52	24-Mar-09	Mr.	Boupeng	Louanglad	site manager, Ban Meuy Nursery	Kolao Farm & Bioenergy Co., Ltd.	Ban Meuy, Champassak, Lao PDR	C4
53	29-Oct-09	Mr.	Brancante Machado	Pedro Henrique	Second Secretary, Energy Department	Ministry of External Relations	Brasilia, Brazil	C1F X
54	28-Oct-09	Mr.	Brandão	Evandro	Professor	SUFRAMA	interviewed in Brasilia, Brazil, based in Manaus, Amazonas, Brazil	C1F X
55	25-Aug-09	Mr.	Bron	Willem	Advisor Territorial Competitiveness/ Bioenergy	Program Leader Bioenergy, Netherlands Development Agency (SNV)	email correspondence (based in Tegucigalpa, Honduras)	C2
56	23-24 February 2010	Mr.	Brunckhorst	André	Project Manager	Rede Terra - Instituto de Desenvolvimento Sustentável e Apoio à Agricultura Familiar	Cristalina, Goias, Brazil	C5
57	21-Feb-09	Ms.	Buakamsri	Tara	Campaigner	Greenpeace Southeast Asia	Bangkok, Thailand	C3

58	13-Nov-09	Dr.	Bunchoon	Songsamphant	Tax specialist, Excise Department	Ministry of Finance	Bangkok, Thailand	C1 FG
	30-Mar-08	Dr.	Bunchorn	Songsamphant	Tax specialist, Excise Department	Ministry of Finance	Bangkok, Thailand	C1
59	3-Mar-09	Dr.	Bundit	Fungtammasan	Director	The Joint Graduate School of Energy & Environment, King Mongkut's University of Technology	Thonburi, Thailand	C3
	21-May-09	Dr.	Bundit	Fungtammasan	Director	The Joint Graduate School of Energy & Environment, King Mongkut's University of Technology	Bangkok, Thailand	C3
60	9-Jun-09	Mr.	Bundit	Kerdvonbundit	Co-director	Von Bundit Co., Ltd.	Phuket, Thailand	C4 FG
61	22-May-09	Dr.	Bunndhit	Eua-Arporn	Director	Energy Research Institute, Chulalongkorn University	Bangkok, Thailand	C3
62	21-Jan-09	Mr.	Burin	Sritrai	Member of Parliament	Khon Kaen	Khon Kaen, Thailand	C1
63	15-May-09	Mr.	Burin	Sukphisal	Expert Advisor	Parliament & Ministry of Industry	Bangkok, Thailand	C1 FG
64	19-Jan-09	Dr.	Bussaba	Sitikarn	Asst. Prof., Researcher	School of Management, Mae Fah Luang University	based in Chiang Rai, Thailand	C3
65	30-Jan-09	Amb.	Cabral	Ana Lucy	Chief of Staff	Brazilian Ministry of Foreign Affairs	based in Brasilia, Brazil	C2
66	23-Jul-09	Amb.	Cannabrava	Ivan	Ambassador	Brazilian Ambassador to Belgium & Luxembourg	Bruxelles, Belgium	C1F X
67	various dates	Mr.	Cannabrava	Francisco	Counsellor	Embassy of Brazil to Thailand	Bangkok, Thailand	C1F X
68	17-Sep-09	Dr.	Cardozo Fernandes Rei	Fernando	Director	Companhia Ambiental do Estado de São Paulo (CETESB), ligada à Secretaria do Meio Ambiente	interviewed in Brasilia, Brazil (based in Sao Paulo)	C4
69	3-Feb-09	Dr.	Carew-Reid	Jeremy	Director	International Centre for Environmental Management (ICEM)	based in Hanoi, Vietnam	C3
70	15-Sep-09	Mr.	Carvalho	José Carlos	Secretary	Secretary of State for the Environment of the state of Minas Gerais	interviewed in Brasilia, Brazil (based in Minas Gerais)	C1F X
71	15-Sep-09	Mr.	Castro Martins	Edison	Director, Technical Environmental Issues	National Confederation of Municipalities	Brasilia, Brazil	C5
72	15-Jan-09	Mr.	Ceballos	Hernan	Plant Breeder, Cassava Germplasm Development Project	International Center for Tropical Agriculture (CIAT)	based in Cali, Colombia	C2
73	23 Februar y 2010	Mr.	Cerquiera	Lévi	President	Associação dos Moradores	Cristalina, Goias, Brazil	C5

74	23 Februar y 2010	Mrs.	Cerquiera	Cledia Aparecida Souza	farmer & homemaker	Associação dos Moradores	Cristalina, Goias, Brazil	C5
75	22-May- 09	Mr.	Chaiwat	Tajurainan	Analytical Business Research Division Manager, Research Planning & Management Dept	PTT Public Co., Ltd.	Bangkok, Thailand	C4
76	21-May- 09	Dr.	Chaiyod	Nudol	Professor	University of the Thai Chamber of Commerce	Bangkok, Thailand	C3
78	15-May- 09	Mr.	Chakkaphong	Suthapuchakun	Chairperson, Computer Engineering Department	Bangkok University	Bangkok, Thailand	C3 FG
79	2-Jun- 09	Mr.	Chalee	Maneerat	Enterprise First Manager	Shell Co., Thailand Ltd.	Bangkok, Thailand	C4 FG
80	30-Apr- 09	Ms.	Chamay	Marie	Programme Coordinator	International Center for Trade and Sustainable Development	based in Geneva, Switzerland	C3
81	24-Mar- 09	Mr.	Chamnieng	Nuntavong	owner	Prathumphone Prosperity Agricultural Co., Ltd.	Prathumphone, Champassak, Lao PDR	C4
82	8-Mar- 09	M.L.	Chanaphun	Kridakorn	Chairman of the Board of Directors	A.T. BioPower Co., Ltd.	Bangkok, Thailand	C4
83	7-Mar- 09	Dr.	Chanatip	Samart	Department of Chemistry, Faculty of Science and Technology	Thammasat University	Bangkok, Thailand	C3
84	29-Feb- 08	Dr.	Chanetwallop	Advisor	1st mtg	Chulalongkorn University	Bangkok, Thailand	C3
85	22-May- 09	Mr.	Chanin	Vongkusolkit	Chief Executive Officer	Banpu Public Co., Ltd.	Bangkok, Thailand	C4
86	10-Jun- 09	Mr.	Chao	Sonarvut	Officer	Office of the Rubber Replanting Aid Fund (ORRAF), Phuket	Phuket, Thailand	C1 FG
87	26-Mar- 09	Mr.	Chapman	Stuart	Programme Director	WWF Greater Mekong Programme	based in Vientiane, Lao PDR	C3
88	11-13 Decemb er 2009	Mr.	Chapman	Keith	independent analyst	Laofab	e-mail exchange, based in Australia	C3
89	18-Feb- 09	Mr.	Charon	xx	Agricultural Extension Officer	District Agricultural Office, Ministry of Agriculture	based in Khon Kaen, Thailand	C1
	22-Feb- 09	Mr.	Charon	xx	Oil palm farmer	Farmer	based in Surat Thani, Southern Thailand	C4
	21-Jan- 09	Mr.	Charon	xx	Agricultural Extension Officer	District Agricultural Office, Ministry of Agriculture	Vanghinlad, Chumpae, Thailand	C1
90	14-Nov- 09	Prof.	Charernsak	xx	Researcher, Faculty of Agriculture, Bangkhen Campus	Kasetsart University	Bangkok, Thailand	C3
91	20-Oct- 08	Dr.	Charit	Tingsabadh	1st mtg	Chulalongkorn University	Bangkok, Thailand	C3
	14-Nov- 08	Dr.	Charit	Tingsabadh	2nd mtg	Chulalongkorn University	Bangkok, Thailand	Adv isor

	1-Dec-08	Dr.	Charit	Tingsabadh	3rd mtg	Chulalongkorn University	Bangkok, Thailand	Adv isor
	11-Dec-08	Dr.	Charit	Tingsabadh	4th mtg	Chulalongkorn University	Bangkok, Thailand	Adv isor
	11-Jan-09	Dr.	Charit	Tingsabadh	5th mtg	Chulalongkorn University	Bangkok, Thailand	Adv isor
	19-Feb-09	Dr.	Charit	Tingsabadh	6th mtg	discuss field work	Bangkok, Thailand	C3
	2-Apr-09	Dr.	Charit	Tingsabadh	6th mtg	Chulalongkorn University	Bangkok, Thailand	C3
	7-May-09	Dr.	Charit	Tingsabadh	7th meeting	hand-in Chapters 3 & 4 (with Chapters 1&2)	Bangkok, Thailand	C3
	11-May-09	Dr.	Charit	Tingsabadh	Member	Sumernet Advisory Board, Swedish Environment Institute (SEI) Asia	Bangkok, Thailand	C3
	18-May-09	Dr.	Charit	Tingsabadh	8th meeting	discuss first 4 chapters	Bangkok, Thailand	Adv isor
	5-Jun-09	Dr.	Charit	Tingsabadh	9th meeting	first final draft	Bangkok, Thailand	Adv isor
	16-Jun-09	Dr.	Charit	Tingsabadh	10th mtg	data analysis and roadmap forward	Bangkok, Thailand	Adv isor
	7-Jul-09	Dr.	Charit	Tingsabadh	11th mtg	data analysis and roadmap forward	Bangkok, Thailand	Adv isor
	6-Nov-09	Dr.	Charit	Tingsabadh	12th mtg	Department of Economics	Bangkok, Thailand	Adv isor
	13-Nov-09	Dr.	Charit	Tingsabadh	13th meeting	Department of Economics, Chulalongkorn University	Bangkok, Thailand	Adv isor
93	5-Jun-08	Dr.	Chatthip	Nartsupha	1st mtg	Chulalongkorn University	Bangkok, Thailand	C3
	18-Nov-08	Dr.	Chatthip	Nartsupha	2nd mtg	Chulalongkorn University	Bangkok, Thailand	Adv isor
	4-Feb-09	Dr.	Chatthip	Nartsupha	3rd mtg	discuss village economy	Bangkok, Thailand	C3
	24-Apr-09	Dr.	Chatthip	Nartsupha	4th mtg	discuss field work	Bangkok, Thailand	C3
	9-Jul-09	Dr.	Chatthip	Nartsupha	5th mtg	community economy discussion	Bangkok, Thailand	Adv isor
	6-Nov-09	Dr.	Chatthip	Nartsupha	6th mtg	conclusions	Bangkok, Thailand	Adv isor
94	13 May 2010	Dr.	Chayan	Vaddanaphuti	Regional Center for Sustainable Development	Chiang Mai University	Chiang Mai, Thailand	C3
95	22-Feb-09	Ms.	Chen	Roxann	Researcher	Green Formosa Front	based in Taipei, Taiwan	C3
96	1-May-09	Mr.	Chintah	Shah	Vice President & Head, Strategic Business Development	Suzlon Energy Ltd.	based in Pune, India	C4
97	10-Mar-09	Mr.	Choi	Howon	President/CEO	Kolao Farm & Bioenergy Co., Ltd.	based in Vientiane, Lao PDR	C4
98	11-Apr-09	Mr.	Chokchai	Playdoug	Head, Biodiesel project	Krabi Oil Palm Farmers Cooperatives Federation Ltd.	Aoluk, Krabi, Thailand	C4
99	2-Jun-09	Mr.	Chuladit	Chunekamrai	Representative	Thai Oil Palm and Palm Oil Association	Bangkok, Thailand	C4 FG
100	21-May-09	Mr.	Chumnong	Sorapipatana	Lecturer	The Joint Graduate School of Energy & Environment, King Mongkut's	Bangkok, Thailand	C3

						University of Technology		
	7-Mar-09	Mr.	Chumroen	Benchavitvilai	Executive Officer	Bioenergy Development Co., Ltd. (B.E.D.)	Bangkok, Thailand	C4
	10-Mar-09	Mr.	Chumroen	Benchavitvilai	Manager	Bioenergy Development Co., Ltd. (B.E.D.)	Bangkok, Thailand	C4
	20-May-09	Mr.	Chumroen	Benchavitvilai	Executive Director	Bioenergy Development Co., Ltd. (B.E.D.)	Bangkok, Thailand	C4 FG
	3-Jun-09	Mr.	Chumroen	Benchavitvilai	Executive Director	Bioenergy Development Co., Ltd. (B.E.D.)	Bangkok, Thailand	C4
	9-Nov-09	Mr.	Chumroen	Benchavitvilai	Executive Director	Bioenergy Development Co., Ltd. (B.E.D.)	Bangkok, Thailand	C4 FG
101	22-Jan-09	Amb	Chung	Rae Kwon	Special Advisor on Climate Change to the Prime Minister of South Korea	Ministry of Foreign Affairs	based in Seoul, South Korea	C1
102	2-Feb-09	Dr.	Clausen	Torkil	Managing Director	DHI Water Policy	based in Vientiane	C3
203	6-Mar-09	Mr.	Claypole	Andrew	Chief of Social Policy	United Nations Children's Fund (UNICEF)	Bangkok, Thailand	C2
104	29-Oct-09	Mr.	Corrêa do Lago	André	Director, Energy Department	Ministry of External Relations	Brasilia, Brazil	C1F X
105	1-May-09	Mr.	Cosbey	Aaron	Associate	International Institute for Sustainable Development (IISD)	based in Rossland, Manitoba, Canada	C3 FG
106	25-Feb-09	Dr.	Culas	Christian	Senior Researcher (Vietnam)	Centre National de la Recherche Scientifique (CNRS)	Bangkok, Thailand	C3
107	20-May-09	Mr.	Dallinger	Jonas	Sustainable Palm Oil Production for Bioenergy	GTZ - German Technical Cooperation	Bangkok, Thailand	C4 FG
108	13-May-09	Mr.	Damen	Beau	Bioenergy Programme Officer	Food and Agriculture Organisation for Asia and the Pacific (FAO)	Bangkok, Thailand	C2 FG
109	18-Feb-09	Mr.	Daycha	xx	Director	Kao Kuan Foundation for organic agriculture	Souphanburi, Thailand	C5
110	28-Oct-09	Mr.	de Freitas	Marclio	Secretary of State	Ministry of Science and Technology, Amazonas	interviewed in Brasilia, Brazil, based in Manaus, Amazonas, Brazil	C1F X
111	25-Feb-09	Dr.	de Treglode	Benoit	Director	Institut de Recherche sur l'Asie du Sud-est Contemporaine (IRASEC)	Bangkok, Thailand	C3
112	22-May-09	Dr.	Decharut	Sukkumnoed	Lecturer, Faculty of Economics	Kasetsart University	Bangkok, Thailand	C3
113	24 Februar y 2010	Mr.	Delagamba	Ademir Doniseti	Machine operator (sugarcane)	Lasa - Lago Azul S/A. (soja e álcool)	Cristalina, Goias, Brazil	C4
114	16-May-09	Mr.	Desplechin	Emmanuel	Chief representative to the European	Brazilian Sugarcane Industry Association (UNICO)	tel interview to Bruxelles, Belgium	C4

					Union			
115	25-Feb-09	Dr.	Dexanourath	Seneduangdet h	Associate Professor	National University of Laos	based in Vientiane, Lao PDR	C3
116	10-Mar-09	Mr.	Dhakal	Raj	Senior Training Officer	Alternative Energy Promotion Center (AEPIC)	based in Kathmandu, Nepal	C3
117	12-Mar-09	Mrs.	dos Santos-Duisenberg	Edna	Chief, Creative Economy Programme	UNCTAD	based in Geneva, Switzerland	C2
118	12-14 December 2009	Mr.	Dubbeldam	Rick	Advisor	Upland Agricultural Development Center	e-mail exchange, based in Vientiane, Lao PDR	C3
119	18-Mar-09	Prof	Dubee	Frederick	Associate Director for Asia	Research Centre for the Global Compact	based in New York, US	C3
120	12-Nov-08	Mr.	Duckitt	Gerry	Programme Manager	Global Association for People and the Environment (GAPE)	based in Pakse, Lao PDR	C3
	25-Mar-09	Mr.	Duckitt	Gerry	Agricultural Advisor	Global Association for People and the Environment (GAPE)	Pakse, Champasak, Lao PDR	C3
121	22-May-09	Mr.	Dusit	Kruantam	Manager	Ekarat Solar Co., Ltd.	Bangkok, Thailand	C4
122	26 May 2009	Mr.	Eid	Marcos	Director, Operations	Sugarcane Industry Association (UNICA)	e-mail exchange, based in São Paulo, Brazil	C4
123	19-Mar-09	Ms.	Eitrem	Gunilla	Regional Cooperation Asia	Swedish International Development Agency (Sida)	based in Stockholm, Sweden	C2
124	6-Mar-09	Dr.	Ekniti	Nitihansrapas	Senior Expert on Macroeconomic Policy, Fiscal Policy Office	Ministry of Finance	Bangkok, Thailand	C1
125	27-Jan-09	Mr.	Ellis	Wyn	Senior Programme Advisor	German Technical Cooperation (GTZ)	Bangkok, Thailand	C2
126	2-Feb-09	Dr.	Eriksson	Jorgen	GMS Environment Operations Center (EOC)	Asian Development Bank (ADB)	Bangkok, Thailand	C2
	18-Mar-09	Mr.	Eriksson	Jorgen	GMS Environment Operations Center (EOC)	Asian Development Bank (ADB)	based in Bangkok, Thailand	C2
127	3-Feb-09	Mr.	Facon	Thierry	Senior Water Management Officer	Food and Agriculture Organisation (FAO)	Bangkok, Thailand	C2
128	10-Mar-09	Mr.	Farren	Patrick	entrepreneur	former employee of a Malaysian biofuels company	based in Savannakhet, Lao PDR	C4
129	26-Feb-09	Dr.	Faure	Guy	Director	Lyon Institute of Southeast Asian Studies	based in Lyon, France	C3
130	10-Nov-09	Ms.	Feranil	Mary Luz	Research Fellow	Philippine Network of Rural Development Institutes	interviewed in Bangkok, Thailand, based in Davao City, the Philippines	C3
131	23-24 Februar	Ms.	Figueiredo	Isabel	Technical Assistant	Instituto Sociedade, População e	interviewed in Cristalina,	C5

	y 2010					Natureza (ISPN)	based in Brasilia, Brazil	
132	20-Jan-09	Mr.	Floether	Erhard	GMS Agriculture Development Specialist	independent development consultant	Khon Kaen, Thailand	C4
133	18-Mar-09	Dr.	Foran	Tira	Research Fellow, Unit for Social and Environmental Research (USER)	Chiang Mai University	based in Chiang Mai, Thailand	C3
134	10-Oct-09	Mr.	Fredrik	Bo-Alex	Assistant	Commissioner for Sustainable Development, Canada	interviewed in Leon, Mexico (based in Ottawa, Canada)	C1F X
135	27-Mar-09	Dr.	Friend	Richard	Researcher	M-Powernet	Bangkok, Thailand	C3
136	5-Mar-09	Dr.	Fujimoto	Kaoru	Emeritus Professor	Faculty of Environmental Engineering, University of Kitakyushu	based in Fukuoka, Japan	C3
137	8-Jul-09	Mr.	Fullbrook	David	Researcher	Development projects in the Mekong	Bangkok, Thailand	C3
	6-7 December 2009	Mr.	Fullbrook	David	Journalist	Consultant, Swiss Development Cooperation Agency	e-mail exchange, based in Bangkok, Thailand	C3
	27-28 November 2009	Mr.	Fullbrook	David	Journalist	Consultant, Swiss Development Cooperation Agency	e-mail exchange, based in Bangkok, Thailand	C3
	8 January 2010	Mr.	Fullbrook	David	Journalist	Consultant, Swiss Development Cooperation Agency	e-mail exchange, based in Bangkok, Thailand	C3
138	10-Oct-09	Ms.	Gache	Jennifer	Manager Regulatory Affairs	Geothermal Development Company, Kenya	interviewed in Leon, Mexico (based in Nairobi, Kenya)	C4
5139	8-Mar-09	Mr.	Gaefke	Daniel	Director	Appendix Power Ltd. (biogas)	Bangkok, Thailand	C4
140	19-Jan-09	Dr.	Gan	Christopher	Associate Professor in Economics	Lincoln University	based in Canterbury, New Zealand	C3
141	25-Feb-09	Dr.	Ganne	Bernard	sociologist and film maker	Centre National de la Recherche Scientifique (CNRS)	based in Lyon, France	C3
142	2-Jun-09	Ms.	George	Pep	Southeast Asia Regional Manager	Proforest	based in Kuala Lumpur, Malaysia	C3 FG
143	7-Mar-09	Dr.	Glushkov	Vladimir	Associate Professor, Faculty of Instrumental Engineering	Izhevsk State Technical University	based in Izhevsk, Russian Federation	C3
144	10-Nov-09	Mr.	Goenadi	Didiek	Investment Committee	Investment Coordinating Board, Indonesia	interviewed in Bangkok, Thailand, based in Jakarta, Indonesia	C1F X
145	30-Jan-09	Mr.	Goree	Kimo	Director, Reporting Services	International Institute for Sustainable	based in New York, US	C3



						Development (IISD)		
146	21-Feb-09	Dr.	Greachan	Chris	Researcher	Palang Thai	Bangkok, Thailand	C3
147	26-Feb-09	Mr.	Grimley	Simon	Coordinator	International Cooperation Department, National Science and Technology Development Agency (NSTDA)	Bangkok, Thailand	C1
	7 April 2010	Mr.	Gross	Tony	Researcher	United Nations University (UNU)	Based in Brasilia, Brazil	C3
148	17-Nov-08	Dr.	Guina	Carolina	Capacity building expert	Asian Development Bank, Manila	based in Manila, The Philippines	C2
149	10-Mar-09	Mr.	Hadden	Jamey	Strategic Development	Green Energy Co., Ltd.	based in Ho Chi Minh City, Vietnam	C4
150	17-Mar-09	Mr.	Halle	Mark	Executive Director-Europe	International Institute for Sustainable Development (IISD)	based in Geneva, Switzerland	C3
	1-May-09	Mr.	Halle	Mark	Executive Director - Europe	International Institute for Sustainable Development (IISD)	based in Geneva, Switzerland	C3 FG
151	26-Mar-09	Mr.	Hang	Pham Thi Thanh	Programme Coordinator, Natural Resources Development Planning Division	Mekong River Commission (MRC) Secretariat	based in Vientiane, Lao PDR	C2
152	20-Nov-08	Mr.	Hassler	Jerome Rene	Associate	Thailand Environment Institute (TEI)	Bangkok, Thailand	C3
153	15-Jan-09	Mrs.	Hataithip	Nuntiya	Senior Project Manager	GTZ - Thai-German Programme for Enterprise Competitiveness	Nonthaburi, Thailand	C4
154	24-28 Decemb er 2009	Mr.	Haynes	Bennett	Project Manager	Alternative Agriculture Network Esan	e-mail exchange, based in Isan, Thailand	C5
155	19-Mar-09	Mr.	He	Jun	Researcher	World Agroforestry Center (ICRAF-China)	Kunming, Yunnan, China	C1
156	1-May-09	Mr.	Heilmayr	Robert	Director, Climate Change	World Resources Institute	based in Washington, D.C., United States	C3
157	22-May-09	Dr.	Hinrichs-Rahlwes	Rainer	Board Member	German Renewable Energy Federation	based in Berlin, Germany	C4
158	11-May-09	Ms.	Hicks	Charlotte	Private Sector Engagement Officer	IUCN Lao PDR	based in Vientiane, Lao PDR	C2
159	15-Jan-09	Mr.	Hill	Howard	Senior Project Manager	GTZ - Thai-German Programme for Enterprise Competitiveness	Nonthaburi, Thailand	C4
160	12-Aug-09	Prof.	Hirsch	Philip	Director, Australian Mekong Resource Center	University of Sydney	telephone interview, based in Sydney, Australia	C3
161	21 January	Mr.	Hirsch	Tim	Journalist	independent	telephone interview,	C3

	2010						based in São Paulo, Brazil	
	23-24 February 2010	Mr.	Hirsch	Tim	Journalist	independent	interviewed in Cristalina, based in São Paulo, Brazil	C3
162	19-Jan-09	Mr.	Hofer	Walter	Deputy Head, East Asia Department	Swiss Agency for Development and Cooperation (SDC)	based in Bern, Switzerland	C2
163	9-Oct-09	Mr.	Holmberg	William	Chairman, Biomass Coordinating Council	American Council on Renewable Energy (ACORE)	interviewed in Leon, Mexico (based in Washington, D.C., USA)	C4
164	22-Jan-09	Mr.	Holstberg	Christer	Director, Swedish Environmental Secretariat for Southeast Asia (SENSA)	Swedish International Development Agency (Sida)	Bangkok, Thailand	C2
	17-Mar-09	Mr.	Holstberg	Christer	Director	Swedish Environmental Secretariat for Asia (SENSA)	based in Bangkok, Thailand	C2
	1-May-09	Mr.	Holstberg	Christer	Director	Swedish Environmental Secretariat for Asia (SENSA)	Bangkok, Thailand	C3 FG
165	15-Jan-09	Dr.	Howeler	Reinhard	Agronomist, Cassava in Asia specialist	International Center for Tropical Agriculture (CIAT)	Nonthaburi, Thailand	C2
166	1-May-09	Dr.	Howse	Robert	Professor International Law	New York University School of Law	based in New York, US	C3
167	30-Apr-09	Dr.	Huang	Niven	Secretary General	Business Council for Sustainable Development - Taiwan	based in Taipei, Taiwan	C4
168	10-Mar-09	Mr.	Huy	Le Quoc	Plant ecology, Standing Director	Center for Biotechnology in Forestry	based in Hanoi, Vietnam	C3
169	6-Mar-09	Ms.	Inoguchi	Akiko	Programme Officer, Thai Affairs Section	Food and Agriculture Organisation (FAO) of the United Nations	Bangkok, Thailand	C2
170	22-May-09	Dr.	Irandoost	Said	President	Asian Institute of Technology (AIT)	Bangkok, Thailand	C3
171	10-Mar-09	Dr.	Isara	Chaorakam	Agricultural Engineer, National Agricultural Machinery Center	Kasetsart University	based in Nakornprathorn, Thailand	C3
172	22-May-09	Mr.	Isara	Vongkusolkiet	Chairman	Mitr Phol Sugar Group Co., Ltd.	Bangkok, Thailand	C4
173	11-Mar-09	Mr.	Janssen	Nico	Senior Advisor/Sector Leader Small Holder Cash Crops	Netherlands Development Organisation (SNV)	based in Hue, Vietnam	C2
174	15-May-09	Mr.	Jarun	Putson	45 years old	oil palm farmer	Saraburi, Thailand	C4 FG
175	8-Jun-09	Mr.	Jaturong	Pomsrisawat	supervisor	Office of the Rubber Replanting Aid Fund, Rayong Province	Rayong, Thailand	C1
176	30-Apr-09	Dr.	Jha	Veena	Visiting Professorial	Institute of Advanced Studies,	based in Geneva,	C3

					Fellow	University of Warwick, U.K.	Switzerland	
177	1-May-09	Dr.	Jiahua	Pan	Executive Director/Senior Research Fellow	Research Center for Sustainable Development/Chinese Academy of Social Sciences	based in Beijing, China	C3
178	17-Mar-09	Dr.	Jianchu	Xu	Country Representative	World Agroforestry Center (ICRAF-China)	Kunming, Yunnan, China	C1
179	8-Jun-09	Mr.	Jiroge	Hairugsapituk	Director	Office of the Rubber Replanting Aid Fund, Rayong Province	Rayong, Thailand	C1
180	19-Jan-09	Dr.	Jones	Michael	Managing Editor	Mekong Institute	Khon Kaen, Thailand	C3
181	19-May-09	Dr.	Jorde	Klaus	Vice President	ENTEC consulting & engineering	based in St. Gallen, Switzerland	C4 FG
182	11-Mar-09	Ms.	Kahara	Angeline	Senior Advisor/Private Sector Development	Netherlands Development Organisation (SNV)	based in Lusaka, Zambia	C2
183	21-May-09	Ms.	Kamarat	Jermisirisakpong	Doctoral candidate	University of California Riverside	based in Riverside, California, US	C3
183	27-Mar-09	Mr.	Kamit	Ranboonchan	Secretary	Northeast Farmers' Association	Nong Khai, Thailand	C51 86
184	2-Feb-09	Dr.	Kampanad	Bhaktikul	National Team Leader, Thailand Climate Change Adaptation	Mahidol University	Bangkok, Thailand	C31 87
185	5-Mar-09	Dr.	Kanit	Wattanavichien	Head, Internal Combustion Engine Research Laboratory, Faculty of Engineering	Chulalongkorn University	Bangkok, Thailand	C3
186	21-May-09	Dr.	Kanokrat	Tiyapun	Associate	Office of Atoms for Peace (OAP)	Bangkok, Thailand	C1
187	12-Mar-09	Dr.	Karndee	Leopairote	Executive Director	Thammasat Business Consulting Center (TBCC)	Bangkok, Thailand	C3
188	24-Mar-09	Mr.	Khamphanh	Sipaphai	manager	Prathumphone Prosperity Agricultural Co., Ltd.	Prathumphone, Champasak, Lao PDR	C4
189	25-Mar-09	Mr.	Khamphony	Vongsaphang	Researcher	Crop Research Station	Pakse, Champasak, Lao PDR	C1
190	30-Apr-09	Mr.	Khan	Teepu	Minister & Deputy Permanent Representative	Permanent Mission of Pakistan to the WTO	based in Geneva, Switzerland	C1
191	10-Nov-09	Mr.	Khan	Mujeeb	Head WTO Cell & Research & Development Division	Trade Development Authority of Pakistan	interviewed in Bangkok, Thailand, based in Lahor, Pakistan	C1F X
192	10-Nov-09	Dr.	Khatun	Fahmida	Director, Research	Centre for Policy Dialogue	interviewed in Bangkok, Thailand, based in Dhaka, Bangladesh	C3
193	24-Mar-09	Mr.	Khonemany	Chandala	worker, Ban Meuy Nursery	Kolao Farm & Bioenergy Co., Ltd.	Ban Meuy, Champasak, Lao PDR	C4

194	9-Nov-09	Mr.	Khoo	Hock Aun	Managing Director/CEO & Steering Board Member	Cosmo Biofuels Group/Roundtable on Sustainable Biofuels (RSB)	interviewed in Bangkok, Thailand, based in Selangor, Malaysia	C4 FG
195	1-May-09	Dr.	Kim	Chulsu	Director	Institute for Trade and Investment	based in Seoul, South Korea	C3
196	7-Oct-09	Ms.	Kimble	Melinda	Senior Vice President	United Nations Foundation	interviewed in Leon, Mexico (based in New York, USA)	C3
197	17-Mar-09	Dr.	King	Peter	Senior Policy Advisor	Institute for Global Environmental Strategies (IGES)	based in Bangkok, Thailand	C3
198	2-Feb-09	Dr.	Kirby	Mac	Principle Research Scientist	Commonwealth Scientific and Industrial Research Organisation (CSIRO)	Adelaide, Australia	C3
199	24-Feb-09	Dr.	Klanarong	Sriroth	Deputy Director	Kasetsart Agricultural and Agro-industrial Product Improvement Institute (KAPI), Kasetsart University	Bangkok, Thailand	C3
200	9-Nov-09	Mr.	Koh	Hishamuddin	Chief Operating Officer & Senior Advisor	Agribusiness & Rural Development Consultants	interviewed in Bangkok, Thailand, based in Yangon, Myanmar	C4 FG
201	11-Mar-09	Mr.	Krader	Toim	Sector Leader Senior Advisor, Renewable Energy	Netherlands Development Organisation (SNV)	based in Kathmandu, Nepal	C2
202	30-Jun-09	Amb.	Krirk-krai	Jirapaet	Chairman and former Minister of Commerce	Banpu Public Co., Ltd.	Bangkok, Thailand	C1
203	5-Mar-09	Dr.	Krissanapong	Kirtkara	Researcher	King Mongkut's University of Technology	Thonburi, Thailand	C3
204	1-May-09	Mr.	Kun	Monira	Deputy Chief, Notification Bureau	Ministry of Commerce	based in Phnom Penh, Cambodia	C1
205	7-Mar-09	Dr.	Kunn	Kangvansaichol	Managing Director/Secretary General, Food Processing Industry Club	Petro Green Ltd., Co. (Mitr Phol)/The Federation of Thai Industries	Bangkok, Thailand	C4
206	7-Mar-09	Dr.	Kunsa	Punnapayak	Plant Biomass Utilisation Research Unit, Department of Botany, Faculty of Science	Chulalongkorn University	Bangkok, Thailand	C3
207	30 October 2009	Ms.	Laan	Tara	Associate	International Institute for Sustainable Development (IISD)	e-mail exchange, based in Melbourne, Australia	C3
208	2-Feb-09	Dr.	Lacombe	Guillaume	Post Doctoral Fellow in Hydrology	International Water Management Institute (IWMI)	based in Vientiane, Lao PDR	C3
209	27-Mar-09	Mr.	Laothai	Ninnunal	Secretary	Nam Phong Watershed Subriver Basin Committee	Nam Phong, Thailand	C5

210	26-Jan-09	Khun ying	Laxanachantorn	Laohaphan	Vice President for International Affairs and former Thai Ambassador to the United Nations	Chulabhorn Research Institute	Bangkok, Thailand	C1
211	25-Feb-09	Dr.	Leconte	Antoine	Rubber Agronomist	French Agricultural Research Centre for International Development (CIRAD), Kasetsart University	Bangkok, Thailand	C3
7213	25-Feb-09	Dr.	Lefait-Robin	Regine	Representative in Thailand	Institut de Recherche pour le Developpement (IRD)	Bangkok, Thailand	C3
2138	22-Jan-09	Dr.	Liljelund	Lars-Erik	Special Advisor on Climate Change	Prime Minister's Office	based in Stockholm, Sweden	C2
214	26-Mar-09	Mr.	Lennaerts	Tom	Chief Technical Adviser, Basin Development Planning Division	Mekong River Commission (MRC) Secretariat	based in Vientiane, Lao PDR	C2
215	6-Oct-09	Mr.	Leopold	Aaron	Doctoral Candidate	Center, Leipzig, Germany	interviewed in Léon, Mexico	C3
216	19-Jan-09	Mr.	Leveau	Arnaud	Deputy Director	Research Institute on Contemporary Southeast Asia (IRASEC)	based in Bangkok, Thailand	C3
217	8-Jun-09	Mr.	Li	Linzhe	buyer	Rubber trading company	based in Yunnan, China	C4
218	12-May-09	Dr.	Li	Lailai	Director	Swedish Environment Institute (SEI) Asia	Bangkok, Thailand	C3
219	27-Oct-09	Ms.	Lima	Verônica	anthropologist	Ministry of Mines and Energy	Brasilia, Brazil	C1F X
220	20-Nov-09	Mr.	Lima	Rodrigo	General Manager	Institute for International Trade Negotiations (ICONE)	interviewed in Brasilia, Brazil, based in São Paulo	C3
221	18-Mar-09	H.E. Amb.	Lindstrom	Mikael	Swedish Ambassador to China	Ministry of Foreign Affairs	based in Beijing, China	C2
222	6-7 January 2010	Mr.	Ling	Stuart	Country Manager	VECO	e-mail exchange, based in Houaysay Bokeo	C5
223	11-May-09	Dr.	Linkham	Douangsavanh	Regional Director	National Agriculture and Forestry Research Institute (NAFRI)	based in Vientiane, Lao PDR	C1
224	15-May-09	Dr.	Luetkenhorst	Wilfried	Chief of Cabinet & Director, Bureau for Organizational Strategy and Learning	United Nations Industrial Development Organization (UNIDO)	based in Vienna, Austria	C2 FG
225	22-Jan-09	Dr.	Lugt	Cornis	Researcher	United Nations Environment Programme (UNEP)	based in Paris, France	C2
226	8-Oct-09	Dr.	Lui	Heng	Director General	International Center on Small Hydro Power, UN Industrial Development	interviewed in Leon, Mexico (based in Hangzhou, China)	C2

						Organisation (UNIDO)		
227	19-Mar-09	Dr.	Lundberg	Hans	Professor	Swedish Environmental Research Institute (IVL)	based in Stockholm, Sweden	C3
228	5-Mar-09	Dr.	Luque	Rafael	Researcher, Department of Organic Chemistry	University of Cordoba	based in Cordoba, Spain	C3
229	20-Nov-09	Ms.	Luz	Mariana	Academic Coordinator	Brazilian Center for International Relations (CEBRI)	interviewed in Brasilia, Brazil, based in Rio de Janeiro	C3
230	7-Nov-09	Dr.	Maiello	Daniel	former Associate	US Environmental Protection Agency	Bangkok, Thailand	C1F X
231	28-Apr-09	Dr.	Maiello	Daniel	entomologist	formerly with US Environmental Protection Agency	Bangkok, Thailand	C3
232	26-Sep-08	Ms.	Malai	XX	Trade Officer	Department of Trade Negotiations, Ministry of Commerce	Nonthaburi, Thailand	C1
233	21-Feb-09	Ms.	Manahan	Maryann	Researcher	Focus on the Global South	Bangkok, Thailand	C3
234	22-May-09	Ms.	Manisa	Ubolsuk	Analyst, Research Planning & Management Dept	PTT Public Co., Ltd.	Bangkok, Thailand	C4
235	10-Jun-09	Mr.	Manit	Ngansthil	Director	Office of the Rubber Replanting Aid Fund (ORRAF), Phang Nga	Phang Nga, Thailand	C1 FG
236	27-Oct-09	Prof.	Marques Cardoso	Franquilina	Professor	Grupo Multiétnico de Empreendedores Sociais	Brasilia, Brazil	C5
237	27-28 Novemb er 2009	Prof.	Martinelli	Alberto	Professor, Department of Political Science and Sociology	University of Milan	e-mail exchange, based in Milan, Italy	C3
238	29-Oct-09	Mr.	Martinez	Marcelo	First Secretary, Energy Department	Ministry of External Relations	Brasilia, Brazil	C1F X
239	11-Mar-09	Mr.	Mathé	László	Forest & Bioenergy Coordinator	WWF International	based in Perthshire, Scotland, UK	C3
240	10-Nov-09	Mr.	Mathew	Linu	Executive Director	Centre for Trade and Development (CENTAD)	interviewed in Bangkok, Thailand, based in Lahor, Pakistan	C3
241	10-Mar-09	Dr.	Maydom	Chanthanasinh	Vice President	National Authority for Science and Technology	based in Vientiane, Lao PDR	C1
242	8-Oct-09	Ms.	McDade	Susan	former Chief, Renewable Energy Division	United Nations Development Programme (UNDP)	interviewed in Leon, Mexico (based in Havana, Cuba)	C2
245	10-Mar-09	Dr.	McNally	Richard	Programme Manager	World Wide Fund for Nature (WWF) Vietnam	based in Hanoi, Vietnam	C3
246	10-Nov-09	Mr.	Melendez-Ortiz	Ricardo	Chief Executive	International Center for Trade and Sustainable Development (ICTSD)	interviewed in Bangkok, Thailand, based in Geneva, Switzerland	C3
247	19-May-	Dr.	Menke	Christopher	Engineer	The Joint Graduate	Thonburi,	C3

	09					School of Energy & Environment. King Mongkut's University of Technology	Thailand	FG
248	17-Nov-08	Dr.	Menon	Jayant	Principal Economist, Office of Regional Economic Integration	Asian Development Bank, Manila	based in Manila, The Philippines	C2
249	19-Feb-09	Dr.	Mikic	Mia	Economic Affairs Officer, Trade Policy Section	Economic and Social Commission for Asia and the Pacific (ESCAP)	Bangkok, Thailand	C2
250	6-Mar-09	Dr.	Mir	Javed	Core Environment Program (CEP) - Environment Operations Center (EOC)	Asian Development Bank (ADB)	Bangkok, Thailand	C2
251	8-Oct-09	Dr.	Modi	Vijay	Professor Mechanical Engineering	Colombia University-	interviewed in Leon, Mexico (based in Ney York, USA)	C3
252	2-Feb-09	Dr.	Moinuddin	Hasan	Unit Leader	Core Environment Program, Greater Mekong Region, Asian Development Bank	Bangkok, Thailand	C2
253	20-May-09	Mr.	Mongkolnimit	Auacherdkul	Director	Esso (Thailand) Public Co., Ltd.	Bangkok, Thailand	C4
254	10-Nov-09	Mr.	Montemayor	Leonardo	President	Federation of Free Farmers	interviewed in Bangkok, Thailand, based in Manila, the Philippines	C5
255	13-Jan-09	Mr.	Montol	Jaemchareon	Expert Advisor	Office of Agricultural Economics	Bangkok, Thailand	C1
256	8-Mar-09	Dr.	Morakot	Tanticharoen	Senior Advisor	National Center for Genetic Engineering and Biotechnology (BIOTEC)	Bangkok, Thailand	C1
257	17-Oct-09	Ms.	Muanpong	Juntopas	Research Fellow	Stockholm Environment Institute-Asia (SEI)	Bangkok, Thailand	C3
	18-Mar-09	Ms.	Muanpong	Juntopas	Research Fellow	Stockholm Environment Institute	based in Bangkok, Thailand	C3
	12-May-09	Ms.	Muanpong	Juntopas	Research Fellow	Sumernet, Swedish Environment Institute (SEI) Asia	Bangkok, Thailand	C3
	26-May-09	Ms.	Muanpong	Juntopas	Researcher	Sumernet, Swedish Environment Institute (SEI) Asia	Bangkok, Thailand	C3
258	11-Feb-09	Ms.	Muff	Tara	Manager	Ary's Warung	Ubud, Bali, Indonesia	C4
259	7-Jun-09	Dr.	Nahathai	Thewphaingarm	Advisor & former Member of Parliament (Sukhumvit, Thai Rak Thai)	Standing Committee on Foreign Affairs, House of Representatives	Bangkok, Thailand	C1 FG
260	1-May-09	Ms.	Nakhoda	Smita	Senior Associate, Institutions & Governance Program	World Resources Institute	based in Washington, D.C., United States	C3

261	30-Jan-09	Dr.	Nares	Damrongchai	Senior Researcher	APEC Center for Technology Foresight, National Science and Technology Development Agency (NSTDA)	Bangkok, Thailand	C1
262	10-Jun-09	Mr.	Narong	Thuarob	Director	Office of the Rubber Replanting Aid Fund (ORRAF), Krabi	Krabi, Thailand	C1 FG
263	28-Jan-09	Dr.	Narongchai	Akrasanee	Chairman	MFC Asset Management Public Co., Ltd. Former Minister of Commerce, EXIM Bank	Bangkok, Thailand	C4
264	7-Apr-09	Mr.	Natikorn	Prakobbon	Department of Alternative Energy Development and Efficiency (DEDE)	Ministry of Energy	Bangkok, Thailand	C1
	10-Nov-09	Mr.	Natikorn	Prakobboon	Engineer	Department of Alternative Energy Development and Efficiency, Ministry of Energy	Bangkok, Thailand	C1
265	20-Nov-09	Mr.	Neto	Antonio Josino Meirelles	International Advisor	National Confederation of Industry	Brasilia, Brazil	C4
266	7-Jun-09	Mr.	Newman	Louis	CEO	GNR Technologies	based in Montreal, Canada	C4 FG
	9-Jun-09	Mr.	Newman	Louis	CEO	GNR Technologies	based in Montreal, Canada	C4 FG
267	9-Nov-09	Mr.	Newman	Douglas	International Trade Analyst	US International Trade Commission (ITC)	interviewed in Bangkok, Thailand, based in Washington, D.C.	C1F X FG
268	20-Jan-09	Dr.	Ngin	Chanrith	Director	Graduate Program in Development Studies, Royal University of Phnom Penh	Phnom Penh, Cambodia	C3
269	26-Mar-09	Mr.	Nguyen	Hong Toan	Director	Center for River Basin Water Resources and Environmental Management	based in Hanoi, Vietnam	C3
270	26-Mar-09	Mr.	Nguyen	Ngoc Anh	Acting Director	Southern Institute for Water Resources Planning (SIWRP)	based in Ho Chi Minh City, Vietnam	C3
271	18-Mar-09	Dr.	Nilsson	Tan Ying	Representative for the Chinese Market	SECO FFNS	based in Beijing, China	C4
272	2-Feb-09	Dr.	Noble	Andrew	Regional Director	International Water Management Institute (IWMI)	based in Vientiane, Lao PDR	C3
	17-Mar-09	Dr.	Noble	Andrew	Regional Director, Southeast Asia and Central Europe	International Water Management Institute (IWMI)	Kunming, Yunnan, China	C3
	11-May-09	Dr.	Noble	Andrew	Director	International Water Management Institute (IWMI)	based in Vientiane, Lao PDR	C3



273	21-Jan-09	Mr.	Noi	farmer	rice/sugar cane farmer	63 yrs old	Vanghinlad, Chumpae, Thailand	C5
274	9-Dec-08	Mr.	Nopadol	Suanprasert	Managing Director	Maxrich Co., Ltd. Bioplastics	Bangkok, Thailand	C4
	13-Jan-09	Mr.	Nopadol	Suanprasert	Managing Director	Maxrich Co., Ltd. Bioplastics	Bangkok, Thailand	C4
	7-Jun-09	Mr.	Nopadol	Suanprasert	former Director General	Office of the Rubber Replanting Aid Fun (ORRAF)	Bangkok, Thailand	C1 FG
	9-Jun-09	Mr.	Nopadol	Suanprasert	former Director General	Office of the Rubber Replanting Aid Fund (ORRAF)	based in Bangkok, Thailand	C1 FG
275	5-Mar-09	Dr.	Norbeck	Joseph	Professor & Director, Environmental Research Institute	University of California	based in Riverside, California, US	C3
	21-May-09	Dr.	Norbeck	Joseph	Professor and Director	Environmental Research Institute, University of California Riverside	based in Riverside, California, US	C3
276	8-Mar-09	Mr.	Nun	Phakdee	Manager	Alternative Energy Community Development	based in Krabi, Thailand	C4
277	9-Oct-09	Mr.	Nussbaum	Patrick	International Energy Expert	United Nations Industrial Development Organization (UNIDO)	interviewed in Leon, Mexico (based in Vienna, Austria)	C2
278	22-Feb-09	Mr.	Nuttawut	Teachatanawat	Governance and Policy Coordinator	Actionaid Thailand	Bangkok, Thailand	C3
279	7-Mar-09	Dr.	Nuwong	Chollacoop	Senior Researcher, Bioenergy Laboratory	National Science and Technology Development Center (NSTDA)	Bangkok, Thailand	C1
280	2-Jun-09	Mr.	Oberhuber	David	Country Director Thailand	German Technical Cooperation (GTZ)	Bangkok, Thailand	C2
281	11-Apr-09	Master	Ohm	Dumdee	student	Dumdee Biodiesel	Aoluk, Krabi, Thailand	C4 FG
283	17-Mar-09	Dr.	Ojendal	Joakim	Professor, School of Global Studies	University of Gothenburg	based in Gothenburg, Sweden	C3
284	20-Nov-09	Mr.	Oliveira	Adriano Santhiago de	Deputy Coordinator	Coordination on Global Climate Change, Ministry of Science & Technology of Brazil	Brasilia, Brazil	C1F X
285	9-Nov-09	Ms.	Olmstead	Julia	Senior Associate, Rural Communities Program	Institute for Agriculture and Trade Policy	interviewed in Bangkok, Thailand, based in Minneapolis, US	C3 FG
286	10-Oct-09	Ms.	Olonde	Rosemary	Manager	Geothermal Development Company, Kenya	interviewed in Leon, Mexico (based in Nairobi, Kenya)	C4
287	26 May 2009	Dr.	Ometto	xx	Director	Sugarcane Industry Association (UNICA)	e-mail exchange, based in São Paulo, Brazil	C4
289	5-Mar-09	Mr.	Orachun	Keowkanawal	Manager	Thai Jatropha Oil Co., Ltd.	based in Krabi, Thailand	C4
290	8-Jun-09	Mrs.	Oraya	Yim	rubber latex worker (50 yrs)	from Rayong	Rayong, Thailand	C5

					old)			
300	13-Jan-09	Ms.	Osbeck	Maria	Research Fellow	Stockholm Environment Institute (SEI)	Bangkok, Thailand	C3
310	26-Sep-08	Mr.	Paireoj	Phtomwat	Senior Trade Technical Officer	Department of Trade Negotiations, Ministry of Commerce	Nonthaburi, Thailand	C1
302	27-Mar-09	Ms.	Pakawan	Chufamane	Director, Mekong Affairs Branch, Department of Water Resources	Ministry of Natural Resources and Environment	Bangkok, Thailand	C1
	2 June 2009	Mr.	Palat	Tittinutchanon	Director	Univanich Co. Ltd. (palm oil)	Based in Krabi, Thailand	C4
303	6-Oct-09	Mr.	Palmer	Richard	President & Chief Executive Officer	Global Clean Energy - a bio-feedstock development company	interviewed in Leon, Mexico (based in Los Angeles, USA)	C4
304	22-May-09	Mr.	Pana	Janviroj	Chief Operating Officer	The Nation Multimedia Group Public Co., Ltd.	Bangkok, Thailand	C4
305	26-Sep-08	Ms.	Panee	Bunruang	Director, Neighbouring Countries Affairs	Department of Trade Negotiations, Ministry of Commerce	Nonthaburi, Thailand	C1
306	22-May-09	Ms.	Pannita	Silfhapanich	Environment Education Coordinator	Greater Mekong Programme, WWF-Thailand	Bangkok, Thailand	C3
307	15-Jan-09	Mr.	Parate	Attavipach	Sector Manager, Business and Financial Services Component	GTZ - Thai-German Programme for Enterprise Competitiveness	Bangkok, Thailand	C2
308	30-Jan-09	Dr.	Park	Young-Woo	Director & Regional Representative	United Nations Environment Programme (UNEP-ROAP)	Bangkok, Thailand	C2
309	30-Oct-09	Mrs.	Patchanee	Kithavorn	Minister-Counsellor	Royal Thai Embassy to Brazil	Brasilia, Brazil	C1
310	2-Jun-09	Ms.	Pavinee	Sittikornkkul	Customer Service Manager	Systems & Services Certification	Bangkok, Thailand	C4 FG
311	21-Jan-09	Mr.	Peaingpen	Sarawat	Researcher	Field Crop Research Center	Khon Kaen, Thailand	C1
312	7-Mar-09	Dr.	Peesamai	Jenvanitpanjakul	Deputy Governor, Research & Development for Sustainable Development	Thailand Institute of Scientific and Technological Research (TISTR)	Bangkok, Thailand	C1
	1-Apr-09	Dr.	Peesamai	Jenvanitpanjakul	Deputy Governor, Research & Development for Sustainable Development	Thailand Institute of Scientific & Technological Research (TISTR)	Khlong Luang, Thailand	C1
	1-May-09	Dr.	Peesamai	Jenvanitpanjakul	Deputy Governor, Research & Development for Sustainable Development	Thailand Institute of Scientific & Technological Research (TISTR)	Bangkok, Thailand	C1
313	7-Oct-09	Ms.	Pelosse	Hélène	Director General	International Renewable Energy Agency (IRENA)	interviewed in Leon, Mexico (based in Abu Dhabi, United Arab Emirates)	C2
314	24 February y 2010	Mr.	Pereira	Mário César Luiz	Industrial Manager	Lasa - Lago Azul S/A. (soja e álcool)	Cristalina, Goiás, Brazil	C4

315	2-Jun-09	Ms.	Phanee	Sinsuphan	Project Coordinator, Sustainable Palm Oil production for BioEnergy	German Technical Cooperation (GTZ)	Bangkok, Thailand	C2
316	20-May-09	Mr.	Phichai	Tinsuntisook	Chairman, Renewable Energy Industry Club	The Federation of Thai Industries	Bangkok, Thailand	C4
317	3-Apr-09	Mr.	Philphott	Charles	Legal Consultant	United Nations Development Programme (UNDP)	based in the Asian region	C2
318	11-Apr-09	Mr.	Phissanoo	Kanjanapradit	Teacher	Vocational College	based in Nakhon Si Thammarat, Thailand	C5
319	15-Jan-09	Mr.	Phitcha	Wanitphon	Deputy Director	GTZ - Thai-German Programme for Enterprise Competitiveness	Bangkok, Thailand	C2
320	19-Mar-09	Dr.	Phone	Win	Director	Mingalar Myanmar	based in Yangon, Myanmar	C3
321	20-Nov-08	Dr.	Phouphet	Kyophilavong	Deputy Director, Department of Economics	Faculty of Economics and Business Management, National University of Laos	Bangkok, Thailand	C3
322	24-Mar-09	Mr.	Phoutsady	Hienmanivong	worker, Ban Meuy Nursery	Kolao Farm & Bioenergy Co., Ltd.	Ban Meuy, Champasak, Lao PDR	C4
323	20-Jan-09	Dr.	Phrek	Gypmantasiri	Researcher, Multiple Cropping Center	Chiang Mai University	based in Chiang Rai, Thailand	C3
324	2-Jun-09	Mr.	Pichai	Tangsathapornphanich	Group Manager	Lam Soon Co., Ltd. (palm oil)	Bangkok, Thailand	C4 FG
325	1-May-09	Dr.	Pichaya	Ratchadavong	Assistant Professor	Faculty of Engineering, Chulalongkorn University	Bangkok, Thailand	C3
	26-Jun-09	Dr.	Pichaya	Ratchadavong	Faculty of Engineering	Chulalongkorn University	Bangkok, Thailand	C3 FG
326	20-May-09	Mr.	Pickelsimer	Corey	Agricultural Attaché	Embassy of the United States	Bangkok, Thailand	C4 FG
327	12-Mar-09	Ms.	Pittipong	Phungboon Na Ayutthaya	Acting Director	Office of Knowledge Management & Development (OKMD)	Bangkok, Thailand	C1
328	22-May-09	Dr.	Piyasvasti	Amranand	Former Minister of Energy & Advisor	Energy for Environment Foundation	Bangkok, Thailand	C3
	20-Nov-08	Dr.	Piyasvati	Amranand	Former Minister of Energy	Ministry of Energy	Bangkok, Thailand	C1
329	8-Jun-09	Mr.	Poa	Uchuang	rubber latex worker (24 yrs old)	from Buriram, Isan	Rayong, Thailand	C5
330	15-May-09	Mrs.	Polboon	Nuntamanop	Advisor to the President, Strategic Planning	Bangkok University	Bangkok, Thailand	C3 FG
331	7-Apr-09	Mr.	Pongsak	Prommakorn	Department of Alternative Energy Development and Efficiency (DEDE)	Ministry of Energy	Bangkok, Thailand	C1
332	30-Jan-	Dr.	Ponpiboon	Satangput	Policy Researcher	APEC Center for	Bangkok,	C1

	09					Technology Foresight, National Science and Technology Development Agency (NSTDA)	Thailand	
333	13 May 2010	Prof.	Pornchai	Lueang-a-Papong	Director, Bioenergy Resource Center	Chiang Mai University	Chiang Mai, Thailand	C3
334	22-May-09	Mrs.	Pornpip	Siripanuwat	Policy and Planning Analyst	Office of the Cane and Sugar Board, Ministry of Industry	Bangkok, Thailand	C1
335	7-Feb-09	Mr.	Pouillon	Olivier	Manager	Lestair Recycling	Ubud, Bali, Indonesia	C4
336	8-Mar-09	Mr.	Pramote	Lamsiri	Former Deputy Permanent Secretary	Ministry of Energy	Bangkok, Thailand	C1
337	20-May-09	Mr.	Pran	Siamwalla	Industrial Specialist, Risk Management Dept	Bank of Ayudhya Public Co., Ltd.	Bangkok, Thailand	C4 FG
338	18-Feb-09	Mr.	Pranom	Khempet	Teacher	Learning Center for Organic Agriculture	Souphanburi, Thailand	C5
339	27-Mar-09	Mr.	Prasart	Tongsiri	Deputy Managing Director	Algotech Co., Lt.	Bangkok, Thailand	C4
340	30-Apr-09	Mrs.	Prasertsuk	Chamornmarn	Deputy Executive Director	Thailand Greenhouse Gas Management Organisation	Bangkok, Thailand	C1
341	27-Mar-09	Dr.	Prasit	Prakongsri	Director, Integrated Water Resource Management Research and Development Center	Faculty of Agriculture, Khon Kaen University	Khon Kaen, Thailand	C3
342	8-Jun-09	Mr.	Pravate	Poksavang	Manager	Office of the Rubber Replanting Aid Fund, Rayong Province	Rayong, Thailand	C1
343	7-Mar-09	Mr.	Pravit	Prakitsri	Production Development Executive	T.P.K. Ethanol Co., Ltd.	Bangkok, Thailand	C4
	22-May-09	Mr.	Pravit	Prakitsri	Managing Director	Petro Green Co., Ltd.	Bangkok, Thailand	C4
344	18-Feb-09	Mr.	Prayong	Chanlay	Farmer	77 yrs old	from Vanghinlad, Chumpae, Thailand	C5
345	22-Feb-09	Mr.	Prayong	Doklamgai	Member	Northern Development Foundation	based in Chiang Mai, Thailand	C5
346	7-Mar-09	Dr.	Preecha	Prammanee	Researcher	PTT Public Co., Ltd.	Bangkok, Thailand	C4
347	8-Mar-09	Mr.	Pritchett	Michael	Associate	Pan Asia Biofuels	Bangkok, Thailand	C4
	10-Mar-09	Mr.	Pritchett	Michael	bioenergy entrepreneur	Airito Co., Ltd.	Bangkok, Thailand	C4
	20-May-09	Mr.	Pritchett	Michael	investor	private sector	Bangkok, Thailand	C4 FG
348	6-Mar-09	Mr.	Promboon	Panitchpakdi	Executive Director	Raks Thai (CARE)	Bangkok, Thailand	C3
349	19-May-09	Dr.	Puri	Ishwar	Professor & Dept head, Dept of Engineering Science and	Virginia Tech College of Engineering	based in Blacksburg, Virginia, US	C3

					Mechanics			
350	8-Jun-09	Mr.	Put	Sitidit	rubber tapper (37 yrs old)	from Udon Thani	Rayong, Thailand	C5
351	27-Oct-09	Ms.	Quevedo Panzardi	Rita	President Uruguay Chapter	Mercosur Women's Forum	interviewed in Brasilia, Brazil, based in San José, Uruguay	C3
352	19-Mar-09	Dr.	Rakshit	Sudip	Vice President for Research	Asian Institute of Technology (AIT)	based in Bangkok, Thailand	C3
	22-May-09	Dr.	Rakshit	Sudip	Vice-President for Research	Asian Institute of Technology (AIT)	Bangkok, Thailand	C3
353	22-Feb-09	Ms.	Ramirez	Marlene	Campaigner	ASIA DHHRA	based in Manila, The Philippines	C3
354	5-Mar-09	Mr.	Rao	Mukund	Managing Director	KSL Chemicals Co., Ltd. (1st cassava ethanol plant in Thailand)	Bangkok, Thailand	C4
355	27-Mar-09	Mr.	Rattaphon	Pitakthepsombat	Project Manager Chi Watershed Restoration project	WWF Thailand	Ubon Ratchathani, Thailand	C3
356	8-Oct-09	Prof.	Ravindranath	N.H.	Professor, Center for Sustainable Technologies	Indian Institute of Science	interviewed in Leon, Mexico (based in Bangalore, India)	C3
357	10-Mar-09	Dr.	Rehman	Ibrahim	Director	The Energy and Resources Institute (TERI)	Delhi, India	C3
13580	7-Mar-09	Dr.	Reksowardojo	Iman	Head, Combustion Engine & Propulsion Laboratory, Department of Mechanical Engineering	Institute of Technology Bandung	based in Bandung, Indonesia	C3
359	27-Jul-09	Mr.	Riemer	Sven	Partner	Stratos Consulting	Bruxelles, Belgium (based in Ottawa, Canada)	C3
360	10-Mar-09	Mr.	Rietzler	Jakob	Managing Director	Lao Institute for Renewable Energy	based in Vientiane, Lao PDR	C3
361	22-Jan-09	Dr.	Rockstrom	Johan	Executive Director	Stockholm Environment Institute (SEI)	based in Stockholm, Sweden	C3
361	23 February 2010	Mrs.	Rodrigues	Eva Regina Gomez	palm fruit sweet maker	Cristalina Cooperativa agriculatural familiar	Cristalina, Goias, Brazil	C5
362	10-Nov-09	Ms.	Rojanayol	Vongsuksiri	Research Fellow	International Institute for Trade and Development (ITD)	Bangkok, Thailand	C3
	13-Nov-09	Ms.	Rojanayol	Vongsuksiri	Research Fellow	International Institute for Trade and Development (ITD)	Bangkok, Thailand	C3 FG
363	9-Nov-09	Dr.	Romero	Jane	Policy Researcher	Institute for Global Environmental Strategies (IGES)	interviewed in Bangkok, Thailand, based in Kanagawa, Japan	C3

367	25-Feb-09	Dr.	Ros	Chantrabot	Vice President	Academie Royale du Cambodge	based in Phom Phen, Cambodia	C3
368	1-Apr-08	Ms.	Ruksawon	Kopchanipa	Alternative Energy Expert	Department of Alternative Energy Development and Efficiency, Ministry of Energy	Bangkok, Thailand	C1
369	22-May-09	Dr.	Sahu	D.K.	Professor	C.V. Raman College of Engineering	based in Bhubaneswar, Orissa, India	C3
370	12-Mar-09	Dr.	Sakarindr	Bhumiratana	President	National Science & Technology Development Agency (NSTDA)	Bangkok, Thailand	C1
371	2-Jun-09	Mr.	Sakda	Angsophakorn	former officer	Office of Agricultural Economics (OAE)	Bangkok, Thailand	C1
372	20-Jan-09	Dr.	Sakkarin	Niyomsilpa	Chief of Research Divisions	International Institute for Trade and Development (ITD)	based in Bangkok, Thailand	C3
373	26-Mar-09	Dr.	Saksit	Ridech	Chairman	Mekong River-Commission (MRC) Joint Committee 2008-09	Bangkok, Thailand	C1
374	8-Mar-09	Capt Dr.	Samai	Jai-In	Energy specialist	Royal Thai Navy & National Science & Technology Development Agency	Bangkok, Thailand	C1
	15-May-09	Capt. Dr.	Samai	Jai-In	Energy Expert	Royal Thai Navy & National Science & Technology Development Agency	Bangkok, Thailand	C1 FG
	20-May-09	Capt. Dr.	Samai	Jai-In	Energy Expert	Royal Thai Navy & NSTDA	Bangkok, Thailand	C4 FG
	2-Jun-09	Capt. Dr.	Samai	Jai-In	Energy Expert	Royal Thai Navy & NSTDA	Bangkok, Thailand	C1
	10-Nov-09	Capt. Dr.	Samai	Jai-In	Energy expert	Energy Standing Committee/Royal Thai Navy	Bangkok, Thailand	C1 FG
375	6-Oct-09	Mr.	Samek	Jorge	Director General Brasileiro	Itaipu Binacional	interviewed in Leon, Mexico (based in Curitiba, Brazil)	C1F X
376	15-Sep-09	Dr.	Santander	Carlos Ugo	Professor	Unieuro	Brasilia, Brazil	C3
377	26-Mar-09	Ms.	Santos-Borja	Adelina	Chief, Research and Development Division/Head, Carbon Finance Unit	Laguna Lake Development Authority	based in Manila, The Philippines	C2
378	30-Apr-09	Mr.	Sanwal	Mukul	Advisor	Ministry of Science and Technology, India	based in Delhi, India	C2F G
379	21-Feb-09	Mr.	Saragit	Henry	Campaigner	La Via Campesina	based in Jakarta, Indonesia	C5
380	26-Feb-09	Dr.	Saranya	Srisuwan	Researcher	Mae Fah Luang University	Chiang Rai, Thailand	C3
381	10-Jun-09	Mr.	Satid	Pornsir Siriruck	Deputy Director	Office of the Rubber Replanting Office (ORRAF), Krabi	Krabi, Thailand	C1 FG
382	19-May-	Dr.	Savitri	Garivait	Environment	The Joint Graduate	Thonburi,	C3

	09				Division Chairperson	School of Energy & Environment. King Mongkut's University of Technology	Thailand	
383	22-Feb- 09	Mr.	Sawad	Uppahat	Farmer	Assembly of the Poor	from Khon Kaen, Thailand	C5
384	21-Jan- 09	Dr.	Sawaeng	Ruaysoongnern	Assist. Prof., Department of Plant Sciences & Agricultural Resources, Faculty of Agriculture	Khon Kaen University	Khon Kaen, Thailand	C3
	18-Feb- 09	Dr.	Sawaeng	Ruaysoongnern	Professor	Khon Kaen University	Si Prajan, Souphanburi, Thailand	C3
385	28-Apr- 09	Mr.	Schaedia	William	Thailand Country Representative	WWF Greater Mekong Programme	Bangkok, Thailand	C3
12386	22-Jan- 09	Dr.	Schafer-Preuss	Ursula	Vice-President, Knowledge Management and Sustainable Development	Asian Development Bank, Manila	based in Manila, The Philippines	C2
387	11-Mar- 09	Mr.	Schill	Maurice	Smallholder Cash Crop/Biofuel Development	Netherlands Development Organisation (SNV)	based in Vientiane, Lao PDR	C2
388	10-Nov- 08	Dr.	Sciortino	Rosalia	Associate Professor	Mahidol University	Bangkok, Thailand	C3
	6-Jan- 09	Dr.	Sciortino	Rosalia	Associate Professor, Institute of Population and Social Research	Mahidol University	Bangkok, Thailand	C3
389	2-Jun- 09	Mr.	Segschneider	Karl	Director	Southeast Asia Consult & Resource Co., Ltd. (SEA-C.R.)	based in Chiang Mai, Thailand	C4 FG
390	28-Nov- 08	Mr.	Semine	Nikolai	Senior Advisor, ICT and Environment Services	International Trade Center, Geneva	Bangkok, Thailand	C2
391	11-Jul- 09	Prof.	Seri	Phongphit	Director	Community Enterprise Institute	Bangkok, Thailand	C3
392	3-Mar- 09	Dr.	Shabbir	Gheewala	Associate Professor	The Joint Graduate School of Energy & Environment, King Mongkut's University of Technology	Thonburi, Thailand	C3
	21-May- 09	Dr.	Shabbir	Gheewala	Associate Professor	The Joint Graduate School of Energy & Environment, King Mongkut's University of Technology	Bangkok, Thailand	C3
393	27-Jul- 09	Ms.	Shaw	Ramine	Policy Analyst	Ministry of Defense, Government of Canada	Bruxelles, Belgium (based in Ottawa, Canada)	C1F X
394	20-Jan- 09	Dr.	Shepley	Steven	General Manager	Wilaikul International Export Import Co, Ltd	Khon Kaen, Thailand	C4
395	11-Mar- 09	Mr.	Shrestha	Ranjan	Senior Adviser/Sector Leader Small Holder Cash	Netherlands Development Organisation (SNV)	based in Savannakhet, Lao PDR	C2

					Crops			
396	19-May-09	Mr.	Siemers	Werner	Engineer	The Joint Graduate School of Energy & Environment. King Mongkut's University of Technology	Thonburi, Thailand	C3 FG
397	23 February 2010	Mr.	Simion	Luiz Carlos	General Coordinator	Rede Terra - Instituto de Desenvolvimento Sustentável e Apoio à Agricultura Familiar	Cristalina, Goias, Brazil	C5
398	24-Mar-09	Mr.	Sinethakone	Inthavong	Bioenergy crop manager	Kolao Farm & Bioenergy Co., Ltd.	Pakse, Champasak, Lao PDR	C4
399	10-Oct-09	Dr.	Singh	N.P.	Adviser	Ministry of New and Renewable Energy, Government of India	interviewed in Leon, Mexico (based in Delhi, India)	C1F X
400	11-Nov-09	Amb.	Siree	Bunnas	Former Ambassador of Thailand to Brazil from 2005-2009	Government of Thailand	Bangkok, Thailand	C1
401	15-May-09	Mrs.	Sirimon	Pootsot	45 years old	oil palm farmer	Saraburi, Thailand	C4
402	26-Mar-09	Dr.	Siripong	Hungsaprug	Director General	Dept of Water Resources	Bangkok, Thailand	C1
403	26-Feb-09	Dr.	Siriporn	Waijwalku	Associate Professor/Director, National Policy and Transnational Relations Division	Thammasat University/Thailand Research Fund	Bangkok, Thailand	C3
404	15-May-09	Dr.	Siriwan	Ratanakarn	Assistant to the President for Academic Affairs	Bangkok University	Bangkok, Thailand	C3 FG
405	20-Jan-09	Dr.	Sitanon	Jesdapipat	Acting Director, Center for Natural Resources and Environmental Management	Mae Fah Luang University	based in Chiang Rai, Thailand	C3
	26-Feb-09	Dr.	Sitanon	Jesdapipat	Acting Director	Center for Natural Resources and Environmental Management, Mae Fah Luang University	Chiang Rai, Thailand	C3
	25-May-09	Dr.	Sitanon	Jesdapipat	Professor	Mae Fah Luang University	Bangkok, Thailand	C3
	10-Nov-09	Dr.	Sitanon	Jesdapipat	Associate	SEA Start	Bangkok, Thailand	C3
406	22-May-09	Dr.	Sombat	Sarntijaree	Assistant Governor	Electricity Generating Authority of Thailand	Bangkok, Thailand	C1
407	13-Jan-09	Mr.	Somchai	Charnnarongkul	Director-General	Department of Agriculture	Bangkok, Thailand	C1
408	6-Mar-09	Dr.	Somchai	Jitsuchon	Research Director, Macroeconomic Policy Programme	Thailand Research Development Institute (TDRI)	Bangkok, Thailand	C3
409	8-Jun-09	Mr.	Somchoke	Pasukyud	owner	Pasukyud Co., Ltd.	Rayong, Thailand	C4



410	10-Jun-09	Mr.	Somjai	Lueseang	General Manager	S.E.P. Worldwide Co., Ltd. Sawmill and Kiln dry rubber wood	Ka Som, Takua Thung, Phang Nga, Thailand	C4
410	27-Mar-09	Mr.	Somkhit	Singsong	representative	Houy Sam Mo Upper Chi River Subbasin	Houy Sam Mo, Thailand	C5
411	10-Jun-09	Mr.	Somkit	Udomlat	Manager	Pa Klog Cooperative	Pa Klog, Thalang, Phuket, Thailand	C4 FG
412	5-Mar-09	Dr.	Somporn	Pleanjai	Lecturer, Faculty of Science & Technology	University of Technology Thanyaburi	Thanyaburi, Thailand	C3
413	13-Jan-09	Mr.	Somsak	Thongsri	Cassava breeder	Field Crops Research Institute, Department of Agriculture	Bangkok, Thailand	C1
414	15-May-09	Mr.	Somsak	Aphiraksombat	Associate Dean, School of Engineering	Bangkok University	Bangkok, Thailand	C3 FG
415	6-7 January 2010	Mr.	Somsak	Chandara	Manager	Swiss Development Cooperation Agency (SDC)	e-mail exchange, based in Vientiane, Lao PDR	C3
416	7-8 December 2009	Mr.	Somvong	Phimmavong	PhD candidate	University of Melbourne	e-mail exchange, based in Melbourne, Australia	C3
417	24-Feb-09	Dr.	Son	Chu-Ky	Researcher	Institute of Biological and Food Technology, Hanoi University of Technology	based in Hanoi, Vietnam	C3
418	6-Mar-09	Ms.	Son	Gwi-Yeop	Resident Representative	United Nations Development Programme (UNDP)	Bangkok, Thailand	C2
419	21-Jan-09	Khun	Sonboom	farmer	rice	60 yrs old	Vanghinlad, Chumpae, Thailand	C5
420	10-Jun-09	Mr.	Songtham	xx	Officer	Office of the Rubber Replanting Aid Fund (ORRAF), Pattani	Pattani, Thailand	C1 FG
421	15-May-09	Ms.	Sooksiri	Chamsuk	Programme Officer	United Nations Industrial Development Organization (UNIDO)	Bangkok, Thailand	C2
	10-Nov-09	Ms.	Sooksiri	Chamsuk	Programme Officer	UNIDO	Bangkok, Thailand	C2
422	12-Mar-09	Dr.	Sorajak	Kasemsuvan	Executive Director	International Institute for Trade and Development (ITD)	Bangkok, Thailand	C3
	1-May-09	Dr.	Sorajak	Kasemsuvan	Executive Director	International Institute for Trade and Development (ITD)	Bangkok, Thailand	C3
423	10-Jun-09	Mr.	Sorayuth	Samutrsaran	Tapper trainer of 30 years	formerly with the Phuket Rubber Cooperative	Pa Klog, Phuket, Thailand	C5 FG
424	23-Mar-09	Dr.	Soubanh	Sengsoulivong	Head, Teacher Development Office	Pakse Teacher Training College	Pakse, Champasak, Lao PDR	C5

425	6 January 2010	Ms.	Soudachan	Tornero	PhD candidate	Université de Paris	e-mail exchange, based in Paris, France	C3
526	18-Mar-09	Dr.	Soussan	John	Acting Director	Stockholm Environment Institute-Asia (SEI)	based in Bangkok, Thailand	C3
427	15-May-09	Mrs.	Soutaree	Rattapasakorn	Director, Office of Quality Assurance	Bangkok University	Bangkok, Thailand	C3 FG
428	19-May-09	Dr.	Sovacool	Benjamin	Research Fellow, Center on Asia and Globalisation	Lee Kuan Yew School of Public Policy, National University of Singapore	based in Singapore	C3
429	26-Feb-09	Mr.	Steenbergen	Dirk	Research Associate	Center for Natural Resources and Environmental Management, Mae Fah Luang University	Chiang Rai, Thailand	C3
	7-May-09	Mr.	Steenblik	Ronald	Senior researcher, Trade Directorate	Organisation for Economic Cooperation and Development (OECD)	tel interview to Paris, France	C2
450	12-Mar-09	Dr.	Suchai	Thanawastien	Dean, School of Digital Media	Sripatum University	Bangkok, Thailand	C3
451	26-Mar-09	Mr.	Suchart	Sirijungsakal	Information Officer	Thai National Mekong Committee	Bangkok, Thailand	C1
452	19-Jan-09	Dr.	Suchat	xx	Director	Mekong Institute	Khon Kaen, Thailand	C3
453	30-Jan-09	Dr.	Suchat	Udomsopagit	Policy Researcher	APEC Center for Technology Foresight, National Science and Technology Development Agency (NSTDA)	Bangkok, Thailand	C1
454	10-Jun-09	Mrs.	Sudawan	Boonkong	Factory Manager	Thai Rubber Latex Group Co., Ltd.	Takuatung, Phang Nga, Thailand	C4
455	30-Apr-09	Mr.	Sugathan	Mahesh	Programme Coordinator, Economics & Trade Policy Analysis	International Center for Trade and Sustainable Development	based in Geneva, Switzerland	C3
456	1-Apr-09	Dr.	Sutiporn	Chewasatn	Director, Energy Technology Department	Thailand Institute of Scientific & Technological Research (TISTR)	Khlong Luang, Thailand	C1
457	7-Apr-09	Dr.	Sukamon	Hinchiranan	Department of Alternative Energy Development and Efficiency (DEDE)	Ministry of Energy	Bangkok, Thailand	C1
458	22-Feb-09	Mr.	Sukao	Fung Fu	Member	Northern Peasant Federation	based in Lampon, Thailand	C5
459	11-Apr-09	Mr.	Sumaidee	Meepadai	Controller	Krabi Oil Palm Farmers Cooperatives Federation Limited	Aoluk, Krabi, Thailand	C4
460	22-Jan-09	Mr.	Sumeth	Laomorphorn	President	Charoen Pokphand (CP) Co., Ltd.	Bangkok, Thailand	C4
	4-Mar-09	Mr.	Sumeth	Laomorphorn	President	C.P. Intertrade Co., Ltd. (Charoen Pokphand)	Bangkok, Thailand	C4

461	26-Sep-08	Ms.	Sunanta	Kangvulkulij	Executive Director	Department of Trade Negotiations, Ministry of Commerce	Nonthaburi, Thailand	C1
	3-Apr-09	Ms.	Sunanta	Kangvulkulij	Executive Director, Bureau of America and Pacific Affairs, Department of Trade Negotiations	Ministry of Commerce	Nonthaburi, Thailand	C1
462	18-Feb-09	Khun	Sunee	farmer	Farmer	50 yrs old	from Vanghinlad, Chumpae, Thailand	C5
463	8-Jun-09	Mr.	Sungwern	Tuadhoy	President	Rubber Agriculture Group	Huay Tuadhoy, Kao Chamao, Rayong, Thailand	C5
464	21-Feb-09	Mr.	Supaporn	Suthisoontharin	Volunteer	ASEAN Peoples' Forum	Bangkok, Thailand	C3
465	26-Jun-09	Dr.	Suphot	Phatanasri	Faculty of Engineering	Chulalongkorn University	Bangkok, Thailand	C3 FG
466	11-Apr-09	Mr.	Suppachai	Klungkaew	Director	Community Biodiesel Producer Network	Korat, Thailand	C4 FG
467	3-Feb-09	Dr.	Suppakorn	Chirvanno	Advisor	Southeast Asia START Regional Center, Chulalongkorn University	Bangkok, Thailand	C3
468	30-Apr-09	Amb	Suppermaniam	Datuk	Advisor to the Malaysian Government/Former Amb of Malaysia to the WTO	Ministry of Trade	based in Kuala Lumpur, Malaysia	C1
	9-Nov-09	Amb.	Suppramaniam	Datuk	Former Malaysian Ambassador to the WTO	Government of Malaysia	interviewed in Bangkok, Thailand, based in Kuala Lumpur, Malaysia	C1F X
469	30-Jan-09	Dr.	Surachai	Sathikunarat	Policy Researcher	APEC Center for Technology Foresight, National Science and Technology Development Agency (NSTDA)	Bangkok, Thailand	C1
470	27-Mar-09	Mr.	Surachai	Sasisuwan	Former Head	Rural Development Office	Bangkok, Thailand	C1
471	22-Oct-08	Dr.	Surakiart	Sathirathai	Chairman	Siam Premier International Law Office/Former Minister of Foreign Affairs, Thailand	Bangkok, Thailand	C4
472	26-Mar-09	Mr.	Surapol	Pattanee	Deputy Director-General, Dept of Water Resources	Dept of Water Resources	Bangkok, Thailand	C1
473	20-Jan-09	Dr.	Sutana	Thanyakhan	Assoc. Dean for Special and International Affairs	Maharakham University	based in Maharakham, Thailand	C3
474	24 February 2010	Mr.	Sutchuk	Jaime	Journalist and conservationist	Eco-reserve RPPN Linda Serra Dos Topázios	Cristalina, Goias, Brazil	C5

475	20-May-09	Dr.	Suthathip	Suanmali	Professor, School of Management Technology	Sirindhorn International Institute of Technology, Thammasat University	based in Pathumthani, Thailand	C3
476	1-May-09	Dr.	Thanpuying Suthawan	Sathirathai	Chairwoman	Good Governance for Social Development and the Environment Institute	Bangkok, Thailand	C3
477	26-Jun-09	Mr.	Suthep	Jongwannasiri	General Manager	IMMS Energy Co., Ltd.	Bangkok, Thailand	C4 FG
478	26-Feb-09	Dr.	Suthiphand	Chirathivat	Associate Professor	Faculty of Economics, Chulalongkorn University	Bangkok, Thailand	C3
479	10-Nov-09	Dr.	Suthiporn	Chirapanda	Director	Ministry of Agriculture	Bangkok, Thailand	C1
480	21-Feb-09	Mr.	Suwarro	Ploysotti	Volunteer	ASEAN Peoples' Forum	Bangkok, Thailand	C3
481	28-Nov-08	Mr.	Suwipan	Thisyamondol	Executive Director	Ministry of Commerce	Bangkok, Thailand	C1
482	26-Mar-09	Mr.	Suwit	Khunkitti	Minister	Ministry of Environment and Natural Resources	Bangkok, Thailand	C1
483	7-Jun-09	Mr.	Tam	Suanboomsrap	Manager	Open Face Co., Ltd.	based in Montreal, Canada	C4 FG
	9-Jun-09	Mr.	Tam	Suanboomsrap	Manager	Open Face Co., Ltd.	based in Montreal, Canada	C4 FG
484	9-Jun-09	Mr.	Tan	Ching Huat (Jason)	Marketing manager	Von Bundit Co., Ltd.	Phuket, Thailand	C4 FG
485	8-Jun-09	Mrs.	Tarinee	Pasukyud	owner	Pasukyud Co., Ltd.	Rayong, Thailand	C4
486	21-Jan-09	Pra	Tawee	xx	Monk	Learning Center for Energy Sufficiency	based in Suphan Buri, Thailand	C5
	18-Feb-09	Pra	Tawee	monk	Monk & Instructor	Wat Sua (Tiger Temple)	Si Prajan, Souphanburi, Thailand	C5
487	10-Jun-09	Mr.	Tawon	Tabtong	rubber tapper for over 30 yrs	72 yrs old	Pa Klog, Phuket, Thailand	C4 FG
488	8-Mar-09	Dr.	Teerapatr	Srinorakutara	Senior Researcher & Ethanol Project Director	Thailand Institute of Scientific and Technological Research (TISTR)	Khlong Luang, Thailand	C1
	1-Apr-09	Dr.	Teeraptr	Srinorakutara	Senior Research & Ethanol Project Director	Thailand Institute of Scientific & Technological Research (TISTR)	Khlong Luang, Thailand	C1
489	9-Oct-09	Prof.	Teixeira Coelho	Suani	Exective Secretary	Brazilian Reference Center on Biomass (CENBIO), University of Sao Paulo	interviewed in Leon, Mexico (based in Sao Paulo, Brazil)	C3
490	various	Amb.	Telles Ribeiro	Edgard	Ambassador	Embassy of Brazil to Thailand	Bangkok, Thailand	C1F X
500	21-May-09	Mr.	Terapol	Ketphan	Manging Director	Abacus Renewable Energy Corp	Bangkok, Thailand	C4
501	16-Sep-09	Mr.	Terena	Marcos	Indigenous leader, President	Intertribal Committee	Brasilia, Brazil	C5
502	19-May-09	Dr.	Tezuka	Tetsui	Professor, Department of Socio-	Graduate School of Energy Science, Kyoto University	based in Kyoto, Japan	C3

					Environmental Energy Sciences			
503	21-May-09	Mr.	Thanasit	Thamsiroj	Doctoral candidate	Department of Mechanical Engineering, King Mongkut's University of Technology	Thonburi, Thailand	C3
504	8-Jun-09	Mr.	Thanawat	Prachan	Manager	Eastern Rubber Market (ERM)	Rayong, Thailand	C4
505	2-Jun-09	Mr.	Thanes	Rajatapiti	General Manager - Supply	Shell Co., Thailand Ltd.	Bangkok, Thailand	C4 FG
506	12-Mar-09	Dr.	Thanin	Pa-Em	Director, Competitiveness Development Office	Office of the National Economic and Social Development Board (NESDB)	Bangkok, Thailand	C1
507	9-Nov-09	Dr.	Tharakan	Pradeep	Deputy Chief of Party	Eco-Asia	Bangkok, Thailand	C3
508	12-Mar-09	Dr.	Thaweesak	Koanantakool	Vice President	National Science & Technology Development Agency (NSTDA)	Bangkok, Thailand	C1
509	21-Jan-09	Mr.	Thewa	Maolanon	Director	Field Crops Research Center, Ministry of Agriculture	Khon Kaen, Thailand	C1
510	5-Mar-09	Mr.	Thibodee	Harnprasert	President & Senior Researcher	T.V.C. Carcare Co., Ltd. & Renewable Energy Institute of Thailand	Bangkok, Thailand	C4
511	19-Feb-09	Mr.	Thielen	Gerardo	Counsellor	World Trade Organization (WTO)	based in Geneva	C2
512	20-Jan-09	Dr.	Thiesmeyer	Lynn	Professor, Mekong Region Development Project	Keio University International Center	based in Kanagawa-Ken, Japan	C3
513	9 July 2009	Prof.	Thippawal	Srijantr	Researcher, Faculty of Agriculture, Kamphaengsaen campus	Kasetsart University	Bangkok, Thailand	C3
	23-Nov-09	Prof.	Thippawal	Srijantr	Researcher, Faculty of Agriculture, Kamphaengsaen campus	Kasetsart University	e-mail exchange	C3
514	18-Feb-09	Mr.	Thong	Moh	President	Learning Center for Organic Agriculture	based in Souphanburi, Thailand	C5
515	25-Mar-09	Mr.	Thong	Daeng	Manager	Neu Muang Tong Co., Ltd.	Sanasumboum District, Champasak, Lao PDR	C4
516	23-Mar-09	Mr.	Thongchanh	Sengsoulivong	Director	Champasak Agriculture and Forestry College, Ministry of Agriculture and Forestry	Pakse, Champasak, Lao PDR	C1
517	6-Mar-09	Dr.	Titinun	Malligamas	Director, Monetary Policy Group	Bank of Thailand	Bangkok, Thailand	C1
518	15-Jan-09	Mr.	Tomecko	James	Director, Business and Financial Services Component	GTZ - Thai-German Programme for Enterprise Competitiveness	Bangkok, Thailand	C2

519	24-Mar-09	Mr.	Tou	Sayaseng	worker, Ban Meuy Nursery	Prathumphone Prosperity Agricultural Co., Ltd.	Ban Houaynamphak, Prathumphone, Champasak, Lao PDR	C4
520	24-Feb-09	Dr.	Tran	Thierry	Researcher	Kasetsart Agricultural and Agro-industrial Product Improvement Institute, Kasetsart University	Bangkok, Thailand	C3
521	26-Mar-09	Dr.	Tran	Mai Kien	Climate Change Programme Officer	Mekong River Commission (MRC) Secretariat	based in Vientiane, Lao PDR	C2
522	1-May-09	Dr.	Tran	Thuc	Director General	Vietnam Institute of Meteorology, Hydrology & Environment	based in Hanoi, Vietnam	C1
523	17-Mar-09	Dr.	Tsering	Dechen	Deputy Regional Director	United Nations Environment Programme (UNEP-ROAP)	based in Bangkok, Thailand	C2
524	7-Mar-09	Dr.	Tuan	Le Anh	Researcher	Hanoi University of Technology	based in Hanoi, Vietnam	C3
13525	3-Feb-09	Mr.	Tvinnereim	Sverre	Associate Professional Officer - Bioenergy	Food and Agriculture Organisation (FAO)	Bangkok, Thailand	C2
	13-May-09	Mr.	Tvinnereim	Sverre	Bioenergy Programme Officer	Food and Agriculture Organisation for Asia and the Pacific (FAO)	Bangkok, Thailand	C2 FG
526	11-Apr-09	Mr.	Udomsat	Najit	Officer	Provincial Energy Office	based in Nakhon Si Thammarat, Thailand	C1
527	11-Mar-09	Mr.	Ukkerman	Rob	Senior Advisor, Regional Forestry Network Leader	Netherlands Development Organisation (SNV)	based in Hanoi, Vietnam	C2
528	26-Feb-09	Dr.	Unchlee	Sanguanpong	Director	Institute of Research and Development, Rajamangala University of Technology	Thanyaburi, Thailand	C3
529	11-Apr-09	Mr.	Uthai	Bhuripongsdho n	Director	Provincial Energy Office	based in Nakhon Si Thammarat, Thailand	C1
530	7-Oct-09	Mr.	Ventura	Altino	Secretary of Energy Planning and Development	Ministry of Mines and Energy, Brazil	interviewed in Leon, Mexico (based in Brasilia, Brazil)	C1F X
531	10-Jun-09	Mr.	Verapol	Thongnuangam	Staff	Office of the Rubber Replanting Aid Fund (ORRAF)	based in Bangkok, Thailand	C1 FG
532	19-Jan-09	Dr.	Verbiest	Jean-Pierre	Country Representative	International Monetary Fund (IMF)	based in Bangkok, Thailand	C2
533	25-Mar-09	Mr.	Viangxay	Sipaphone	Head, Promotion Section	Provincial Agriculture and Forestry Office (PAFO) Research and Promotion	Pakse, Champasak, Lao PDR	C1

						Center		
534	17-Mar-09	Mr.	Vickers	Ben	Senior Programme Officer	Regional Community Forestry Training Center for Asia and the Pacific (RECOFTC)	based in Bangkok, Thailand	C3
535	9-Sep-09	Ms.	Vieira Santos	Claudia	Head, Division for New and Renewable Energy Resources	Ministry of External Relations	Brasilia, Brazil	C1F X
536	10-Mar-09	Dr.	Viangthong	Chanlivong	Director	Kolao Farm & Bioenergy Co., Ltd.	based in Vientiane, Lao PDR	C4
537	19-May-09	Dr.	Vijay	Virendra	Associate Professor, Centre for Rural Development & Technology	Indian Institute of Technology	based in Delhi, India	C3
538	5-Mar-09	Dr.	Vijit	Sriyungongwat	Senior Researcher & Member of Parliament	PTT Public Co., Ltd.	Bangkok, Thailand	C4
539	25-Mar-09	Mr.	Vilaysak	Viengxay	Programme Assistant	Global Association for People and the Environment (GAPE)	Pakse, Champasak, Lao PDR	C3
540	9-Nov-09	Mr.	Volpi	Giulio	Policy Officer, International Relations, Governance & Development	Environment Directorate-General, European Commission (EC)	interviewed in Bangkok, Thailand, based in Bruxelles, Belgium	C1F X
541	24-Mar-09	Mr.	Vongmany	Sipaphai	worker	Prathumphone Prosperity Agricultural Co., Ltd.	Prathumphone, Champasak, Lao PDR	C4
542	6-Mar-09	Mr.	Voravit	Vorathanyakit	Senior Policy & Planning Analyst	Office of the National Economic and Social Development Board (NESDB)	Bangkok, Thailand	C1
543	15-May-09	Mr.	Wachara	Hoy Huan	supervisor	palm oil farm and plant operations	Saraburi, Thailand	C4 FG
544	6-Mar-09	Mr.	Walker	Michael	Programme Officer	International Labour Organisation (ILO)	Bangkok, Thailand	C3
545	2-Jun-09	Mr.	Walraterp	Punturaumporn	Advisor	Palm Oil Refinery Association	Bangkok, Thailand	C4
546	17-Mar-09	Dr.	Wang	Yiming	Chair	Yunnan Provincial Federation of Social Sciences	Kunming, Yunnan, China	C1
547	19-Mar-09	Mr.	Wang	Meifeng	farmer - 23 yrs	Heiniquo Village, Xiaohe Township	Yunnan, China	C5
548	21-May-09	Ms.	Wanida	Wanichpongpan	Research Associate	Institute for Global Environmental Strategies (IGES)	Bangkok, Thailand	C3
549	22-May-09	H.E. Dr.	Wannarat	Channukul	Minister	Ministry of Energy	Bangkok, Thailand	C1
550	31-Jan-08	Dr.	Wanun	Pempibul	Advisor	Renewable Energy Institute of Thailand (RETI)	Bangkok, Thailand	C3
551	9-Jun-09	Ms.	Warangka	Khingkeaw	Marketing Dept	Von Bundit Co., Ltd.	Phuket, Thailand	C4 FG
552	12-May-09	Mr.	Ward	Keith Barney	Evaluator	Swedish Environmental Secretariat for Asia (SENSA)	Bangkok, Thailand	C2

553	27-Mar-09	Dr.	Wasan	Jompakdee	Professor, Faculty of Engineering	Chiang Mai University	Chiang Mai, Thailand	C3
554	1-May-09	Dr.	Watcharas	Leelawath	Deputy Executive Director	International Institute for Trade and Development (ITD)	Bangkok, Thailand	C3
	13-Nov-09	Dr.	Watcharas	Leelawath	Deputy Executive Director	International Institute for Trade and Development (ITD)	Bangkok, Thailand	C3 FG
555	26-Mar-09	Mr.	Watt	Botkosul	Director, Planning Department, Cambodian National Mekong Committee	Ministry of Environment	based in Phom Phen, Cambodia	C1
556	22-Jan-09	Mr.	Welford	Richard	Chairman	CSR Asia	Bangkok, Thailand	C4
557	7-Mar-09	Dr.	Wichaphat	Liamsakul	Senior Researcher	Mitr Phol Sugarcane Research Center Co., Ltd.	based in Chaiyaphum, Thailand	C4
558	21-Feb-09	Mr.	Wichita	Chusakul	Vice-President	Northeast Thailand Network Foundation	Bangkok, Thailand	C5
559	21-Jan-09	Mr.	Wijai	farmer	rice/sugar cane farmer	66 yrs old	Vanghinlad, Chumpae, Thailand	C5
560	7-Oct-09	Mr.	Williams	Joseph	Programme Manager, Energy	Caribbean Community Secretariat, CARICOM	interviewed in Leon, Mexico (based in Georgetown, Guyana)	C2
561	26-Mar-09	Mr.	Winai	Wangpimool	officer	Thai National Mekong Committee	Bangkok, Thailand	C1
562	20-Jan-09	Mr.	Winston	Aung Set	Director of Research	Asia Development Research Institute	based in Yangon, Myanmar	C3
	11-May-09	Mr.	Winston	Aung Set	Director of Research	Asia Development Research Institute	based in Yangon, Myanmar	C3
563	11-Apr-09	Mrs.	Witchuda	Dumdee	Co-director	Dumdee Biodiesel	Aoluk, Krabi, Thailand	C4 FG
564	21-Feb-09	Mr.	Wittoon	Permpongsach aroen	Researcher	Mekong Energy and Ecology Network Foundation for Ecological Recovery (TERRA)	Bangkok, Thailand	C3
565	8-Jun-09	Mr.	Woravit	Leaovitavat	rubber trader	independent	based in Bangkok, Thailand	C4
565	22-Feb-09	Mr.	Wu	Tung-Jye	Researcher	Green Formosa Front	based in Taipei, Taiwan	C3
567	18-Mar-09	Mr.	Wu	Yusong	Head of Kunming Office/Coordinator or Upper Mekong Basin Programme	WWF China	Kunming, Yunnan, China	C3
568	8-Jun-09	Mr.	Xi	Shuangbanna	buyer	Rubber trading company	based in Yunnan, China	C4
569	17-Mar-09	Dr.	Xing	Lu	Professor	Yunnan University	Kunming, Yunnan, China	C1
570	19-Mar-09	Dr.	Yang	Yong-Ping	Deputy Director	Kunming Institute of Botany	Kunming, Yunnan, China	C1
5712	19-Mar-09	Mr.	Yang	Mei	Researcher	World Agroforestry Center (ICRAF-China)	Kunming, Yunnan, China	C1
572	19-Mar-09	Mr.	Yang	Shaoqing	Village Head - 33 yrs	Heiniquo Village, Xiaohe Township	Yunnan, China	C5



573	15-Jan-09	Mr.	Yi	Navy	Marketing Manager	TTY Agricultural Plant Development & Imex Co., Ltd.	based in Kompong Cham, Cambodia	C4
574	21-May-09	Dr.	Yoneda	Kenichi	Senior Advisor	Japan International Cooperation Agency (JICA)	based in Ratchaburi, Thailand	C2
575	27 January 2010	Dr.	Yu	Xiaojiang	Professor	Hong Kong Baptist University	e-mail exchange, based in Hong Kong, China	C3
576	9-Nov-09	Mr.	Yue	Jeffrey	Director & Member	Cosmo Biofuels Group/Roundtable on Sustainable Biofuels (RSB)	interviewed in Bangkok, Thailand, based in Selangor, Malaysia	C4 FG Biofuels
577	22-May-09	Mrs.	Yuliana	Nana	First Secretary for Economic Affairs	Embassy of the Republic of Indonesia to Thailand	Bangkok, Thailand	C1
578	8-Oct-09	Mr.	Zevgolis	Dimitrios	Program Manager, Climate Change Specialist	Global Environment Facility (GEF)	interviewed in Leon, Mexico (based in Washington, D.C., USA)	C2
579	17-Mar-09	Dr.	Zhang	Zhuangxin	President	Chinese Academy of Sciences - Kunming Branch	Kunming, Yunnan, China	C1
580	19-Mar-09	Mr.	Zhang	Xifang	farmer - 80 yrs	Heiniquo Village, Xiaohe Township	Yunnan, China	C5



**Photo 46: The author with Samai Jai-In, Royal Thai Navy, Asian Biofuels Dialogue, Bangkok, 9-10 November 2009**



**Photo 47: Francisco Cannabrava (Brazilian Ministry of Foreign Affairs), Thai Ambassador to Brazil, H.E. Chakarín, Brasilia, Brazil, 4 December 2009**

## Appendix H

### Conferences, meetings and field trips

Date	Conference/presentation/field trip	Organiser	Location
19-Jun-07	Rapid Trade and Environment Assessment National Workshop for Thailand	International Institute for Sustainable Development (IISD) & International Institute for Trade and Development (ITD)	Bangkok, Thailand
20-Jun-07	Prospects for Trade and Environment in Lao PDR	Lao National Chamber of Commerce and Industry (LNCCI)	Vientiane, Lao PDR
21-Jun-07	Rapid Trade and Environment Assessment National Workshop for Lao PDR	International Institute for Sustainable Development (IISD) & International Union for Conservation of Nature (IUCN)	Vientiane, Lao PDR
23-Dec-07	Prospects for Thailand's Economy and National Development seminar	International Institute for Trade and Development (ITD)	Bangkok, Thailand
11-12 Feb 2008	Annual Retreat	Swedish Environmental Secretariat for Asia (SENSA), Swedish International Development Agency (Sida)	Siem Reap, Cambodia
13-Feb-08	Field Trip to Tonle Sap, Kampong Phluk, Chong Khneas, Cambodia	Swedish Environmental Secretariat for Asia (SENSA), Swedish International Development Agency (Sida)	Tonle Sap, Cambodia
7-May-08	Field Trip to Kung Krabaen Bay Royal Development Study Center, Kihong Khud Thamai, Chantaboury, Thailand	Ministry of Foreign Affairs, Thailand	Chantaboury, Thailand
29-May-08	Socially Responsible Investment - EU Impact on Thai Business Conference	Ministry of Foreign Affairs and European Commission	Bangkok, Thailand
9-Jun-08	Asian Trade and Investment Seminar	Asian Development Bank (ADB) and International Institute for Trade and Development (ITD)	Bangkok, Thailand
31-Jul-08	Rapid Trade and Environment Assessment - National Report for Thailand workshop	International Institute for Sustainable Development (IISD) & the International Institute for Trade and Development (ITD)	Bangkok, Thailand
4-Aug-08	Sustainable Trade Networks in the Mekong brainstorming session	International Institute for Sustainable Development (IISD)	Bangkok, Thailand
8-Sep-08	Lecture on <i>Trade Policy in the New Century</i> by Prof Razeen Sally, London School of Economics (LSE) & European Centre for International Political Economy (ECIPE)	Institute for Security & International Studies (ISIS), Chulalongkorn University	Bangkok, Thailand
9-Sep-08	Lecture on Corruption in Thai Politics	Prof Pasuk, Chulalongkorn University	Bangkok, Thailand
16-Oct-08	Southeast Asian Studies Conference	Chulalongkorn University	Bangkok, Thailand
22-Oct-08	Seminar on Thailand and the Global Financial Crisis	International Monetary Fund (IMF) & the International Institute for Trade and Development (ITD)	Bangkok, Thailand
12-Oct-08	Mekong Public Forum	Chulalongkorn University	Bangkok, Thailand
17-Nov-08	Seminar on Trade in the Greater Mekong Subregion	International Institute for Trade and Development (ITD) and the Asian Development Bank (ADB)	Bangkok, Thailand
20-Nov-08	Conference on Economic Integration in Asia - Energy and Environment in Asia	Faculty of Economics, Thammasat University	Bangkok, Thailand
28-Nov-08	Green Trade Seminar	International Trade Center (ITC), Geneva	Bangkok, Thailand
19-Dec-08	Lecture on Energy in Thailand by Witoon Permpoonsachareon, General Secretary, Foundation for Ecological Recovery	Chulalongkorn University	Bangkok, Thailand
14-Jan-09	Lecture on Cultures of Knowledge by Vikrom Mathur	Stockholm Environment Institute (SEI)	Bangkok, Thailand
15-16 Jan 2009	World Tapioca Conference	Ministry of Commerce	Nonthaburi, Thailand

19-20 Jan 2009	Greater Mekong Subregion (GMS) Research Roundtable Meeting	Mekong Institute	Khon Kaen, Thailand
21-Jan-09	Field trip to the Learning Center for Energy Sufficiency	Khon Kaen University	Vanghinlad, Khon Kaen, Thailand
22-Jan-09	Climate Game Change Conference	Swedish Environmental Secretariat for Asia (SENSA), Swedish International Development Agency (Sida)	Bangkok, Thailand
2-3 Feb 09	Climate Change Dialogue	Mekong River Commission (MRC)	Bangkok, Thailand
18-Feb-09	Field trip to the Energy Sufficiency Center & Organic Agricultural Center	Organised by Dr. Sawaeng and Pra Tawee	Si Prajan & Souphanburi, Thailand
20-22 Feb 09	ASEAN Peoples' Forum	Chulalongkorn University	Bangkok, Thailand
27 February 2009	Field visit to Mae Fah Lung Foundation	independent	Chiang Rai, Thailand
25-26 Feb 09	4th French-Mae Fah Lung University Seminar on Mekong Studies at Crossed Glances	French-Upper Mekong Subregion Academic Cooperation Centre; Research Institute on Contemporary Southeast Asia (IRASEC) and the Center for Natural Resources and Environmental Management, Mae Fah Luang University	Chiang Rai, Thailand
5-8 Mar09	World Alternative Energy Sciences Expo (WAESE)	Ministry of Science and Technology	Bangkok, Thailand
6-Mar-09	Development Cooperation Seminar on Economic Shocks and the Vulnerable in Thailand: A Case study of rising food and fuel prices	United Nations (UN), National Economic and Social Development Board (NESDB) & Thailand Development Research Institute (TDRI)	Bangkok, Thailand
10-11 March 09	Biofuels Development in the Asian Region Seminar	Netherlands Development Organisation (SNV)	Bangkok, Thailand
12-Mar-09	Policy Dialogue on Creative Economy in Thailand	International Institute for Trade & Development (ITD) & United Nations Conference on Trade and Development (UNCTAD)	Bangkok, Thailand
17-18 Mar 2009	SENSA Annual Retreat	Sida SENSAs and the Kunming Institute of Botany, Chinese Academy of Sciences	Kunming, Yunnan, China
19-Mar-09	Field trip to the Gene Bank, Kunming Institute of Botany, Chinese Academy of Sciences	Sida SENSAs and the Kunming Institute of Botany, Chinese Academy of Sciences	Kunming, Yunnan, China
19-Mar-09	Field trip to Xiaohe Township and Heiniqiao Village, World Agroforestry Center (ICRAF) Payment for Environmental Services in the Songhuaba Watershed	Sida SENSAs and the World Agroforestry Center (ICRAF)	Kunming, Yunnan, China
23-25 March 09	Field trip to Pakse, Champassak	independent field research organised by Dr. Subanh	Pakse, Lao PDR
26-Mar-09	Twenty Ninth Meeting of the Mekong River Commission Joint Committee	Mekong River Commission (MRC)	Nonthaburi, Thailand
26-27 Mar 09	Regional Symposium "The Lessons Learnt from Experience of the River Basin Committee Operation in the Mekong" Basin"	World Bank	Nonthaburi, Thailand
10-12 April 2009	Field trip to Aoluk, Krabi	independent field research organised by Mr. Athiras Dumbdee, private sector	Aoluk, Krabi, Thailand
28-Apr-09	Lecture on the impacts of climate change in the Mekong	Siam Society	Bangkok, Thailand
30 April - 1 May 2009	Regional Dialogue on Trade and Climate Change	International Institute for Sustainable Development (IISD) & International Institute for Trade and Development (ITD) & International Center for Trade and Sustainable Development (ICTSD)	Bangkok, Thailand
11-12 May 2009	Sumernet Learning Forum	Stockholm Environment Institute (SEI)	Bangkok, Thailand
15-May-09	Field trip and biodiesel seminar	Bangkok University and Captain Dr. Samai Jai-In	Saraburi, Thailand
19-21 May 2009	World Renewable Energy Congress (WREC)	Ministry of Energy & King Mongkut's University of Technology	Bangkok, Thailand
20-May-09	Thailand's Bioenergy Roadmap Seminar	American Chamber of Commerce	Bangkok, Thailand
22-May-09	Field trip to the Royal Chitralada Agricultural Project	World Renewable Energy Congress	Chitralada Villa, Thailand

22-May-09	International Conference on Opportunities with Alternative Energy	Ministry of Energy & Energy Research Institute, Chulalongkorn University	Bangkok, Thailand
2-Jun-09	Sustainable Palm Oil Certification workshop	Office of Agricultural Economics, Ministry of Agriculture & German Technical Assistance (GTZ)	Bangkok, Thailand
7-8 June 09	Field trip to palm oil and ethanol refineries, Laem Chabang, Ma Ta Phut & Rayong	Private Sector & Office of the Rubber Replanting Aid Fund (ORRAF)	Eastern Seaboard Industrial Zone, Thailand
9-10 June 09	Field trip to Southern Thailand community oil palm & rubber plantations & plants	Office of Rubber Replanting Aid Fund (ORRAF)	Phuket, & Krabi, Southern Thailand
15-17 September 2009	Encontro Verde das Américas - IX Greenmeeting of the Americas - presentation on Bioenergia e Mudanças Climáticas: Desafios do Desenvolvimento Sustentável / Bioenergy in a climate challenged world: challenges of sustainable development	Government of Brazil	Brasília, Brazil
7-9 October 2009	Global Renewable Energy Forum - prepared the official report of the conference	United Nations Industrial Development Organisation (UNIDO) & the Government of Mexico	Léon, México
27-28 October 2009	Global Forum on Environment, Sustainable Development & Amazon - V Fórum Mundial das Américas, África e Amazonônia - presentation on biofuels	União Feminina das Américas (UNIFAS)	Brasília, Brazil
29-Oct-09	Semana Academica - presentation on the Challenges of Agroenergy	Projeção Colegio	Brasília, Brazil
9-10 November 2009	Dialogue on Biofuels in Asia: Striking a Balance between Trade, Agriculture and Energy Policies. Presentation on the impacts of biofuels subsidies in OECD countries on trade and competitiveness in Asian producing countries	International Center for Trade & Sustainable Development (ICTSD) (Geneva), International Institute for Trade & Development (ITD) & the Institute for Agriculture & Trade Policy (IATP) (Minneapolis)	Bangkok, Thailand
20-Nov-09	Roundtable on Trade, Development & Climate Change: Copenhagen - A difícil equação entre mudanças climáticas, comércio e desenvolvimento sustentável	International Center for Trade & Sustainable Development (ICTSD) (Geneva), Centro Brasileiro de Relações Internacionais (CEBRI) & Instituto de Estudos do Comércio e Negociações Internacionais (ICONE)	Brasília, Brazil
23-24 February 2010	Field trip to Cristalina, Goiás, Brazil	organised by Tim Hirsch, Journalist & Rede Terra, Instituto de Desenvolvimento Sustentável e Apoio à Agricultura Familiar	Cristalina, Brazil
13-15 May 2010	Panel coordinator for Agroenergy Trade and Investment: Articulating policy in practice in the Mekong, Conference on Revisiting Agrarian Reform in Southeast Asia: Empirical, Theoretical and Applied Perspectives	Chiang Mai University Regional Center for Social Sciences and Sustainable Development (RCSD)	Chiang Mai, Thailand
19-20 May 2010	International Bioenergy Conference	Sugarcane Industry Association of Brazil (UNICA); University of São Paulo	São Paulo, Brazil

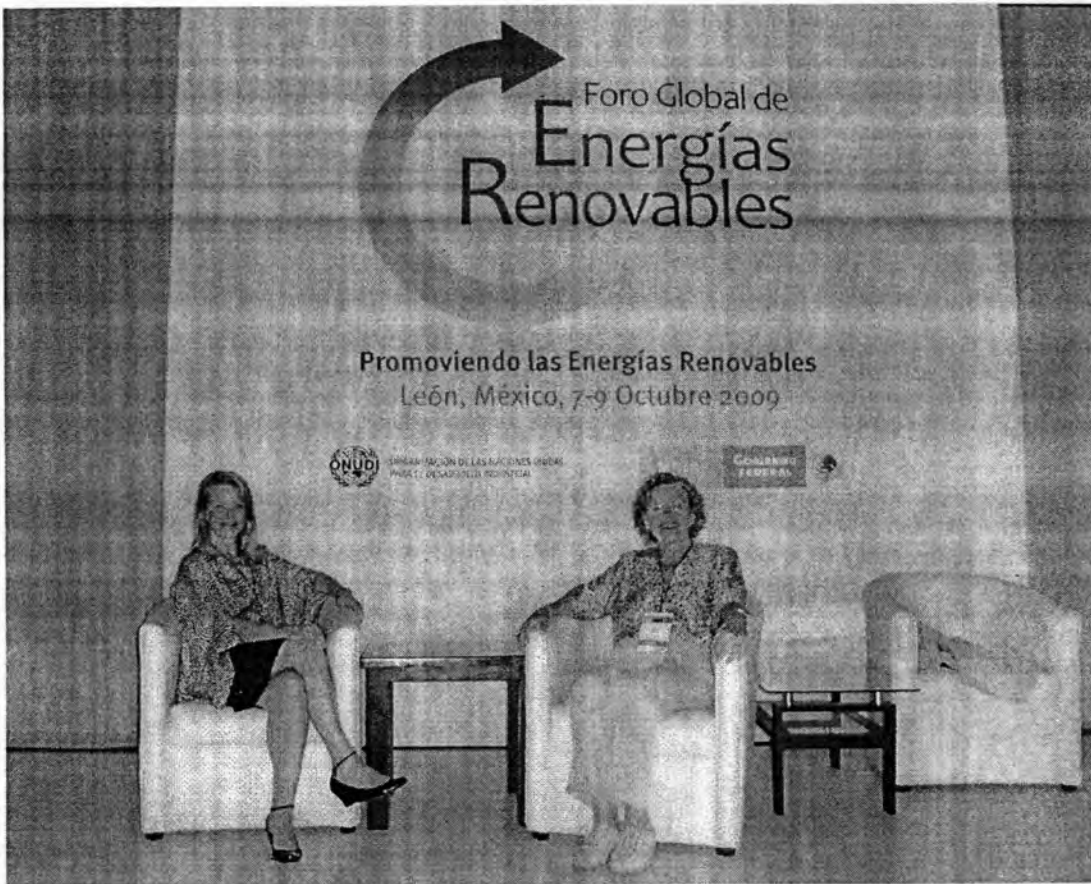


Photo 48: the author with Ursula Shaw at the Global Renewable Energy Forum, León, México, October, 2009



Photo 49: The author with Marcilio de Freitas, Secretary of State for Science and Technology of the State of Amazonas, Brasília, Fórum Mundial das América, África e Amazonia, 28 October 2009

## Appendix I

### List of focus groups

No.	Focus group #	Date	Name of Informant	Position	Organisation	Place	Cat
1	C2	15-Jan-09	Mr. James Tomecko	Director, Business and Financial Services Component	GTZ - Thai-German Programme for Enterprise Competitiveness	Bangkok, Thailand	C2
			Mr. Phitcha Wanitphon	Deputy Director, Business and Financial Services Component	GTZ - Thai-German Programme for Enterprise Competitiveness	Bangkok, Thailand	C2
			Mr. Parate Attavipach	Sector Manager, Business and Financial Services Component	GTZ - Thai-German Programme for Enterprise Competitiveness	Bangkok, Thailand	C2
2	C3	20-Jan-09	Mr. Winston Set Aung	Director of Research	Asia Development Research Institute	Khon Kaen, Thailand (based in Yangon, Myanmar)	C3
			Dr. Sutana Thanyakhan	Assoc. Dean for Special and International Affairs	Maharakham University	Khon Kaen, Thailand (based in Maharakham)	C3
			Dr. Sakkarin Niyomsilpa	Chief of Research Divisions	International Institute for Trade and Development (ITD)	Khon Kaen, Thailand (based in Bangkok, Thailand)	C3
			Dr. Lynn Thiesmeyer	Professor, Mekong Region Development Project	Keio University International Center	Khon Kaen, Thailand (based in Kanagawa-Ken, Japan)	C3
3	C1-C3-C5	21-Jan-09	Mr. Thewa Maolanon	Director	Field Crops Research Center, Ministry of Agriculture	Khon Kaen, Thailand	C1
			Mr. Peaingpen Sarawat	Researcher	Field Crop Research Center	Khon Kaen, Thailand	C1
			Dr. Sawaeng Ruaysoongnern	Assist. Prof., Department of Plant Sciences & Agricultural Resources, Faculty of Agriculture	Khon Kaen University	Khon Kaen, Thailand	C3
			Mr. Burin Sritrai	Member of Parliament	Khon Kaen	Khon Kaen, Thailand	C1
			Mr. Arun Potipatsa	Chairman, Assembly of Tampon (elected)	Vanghinlad Tambon	Khon Kaen, Thailand	C5
4	C5	21-Jan-09	Pra Tawee	Monk & Energy Sufficiency Instructor	Learning Center for Energy Sufficiency	based in Suphan Buri, Thailand	C5
			Khun Charon	Agricultural Extension Officer	District Agricultural Office, Ministry of Agriculture	Vanghinlad, Chumpae, Thailand	C1
			Khun Wijai	rice/sugar cane farmer	66 yrs old	Vanghinlad,	C5

						Chumpae, Thailand	
			Khun Noi	rice/sugar cane farmer	63 yrs old	Vanghinlad, Chumpae, Thailand	C5
			Khun Sonboom	rice farmer	60 yrs old	Vanghinlad, Chumpae, Thailand	C5
5	C1	30-Jan-09	Dr. Nares Damrongchai	Senior Researcher	APEC Center for Technology Foresight, National Science and Technology Development Agency (NSTDA)	Bangkok, Thailand	C1
			Dr. Surachai Sathikunarat	Policy Researcher	APEC Center for Technology Foresight, National Science and Technology Development Agency (NSTDA)	Bangkok, Thailand	C1
			Dr. Pongiboon Satangput	Policy Researcher	APEC Center for Technology Foresight, National Science and Technology Development Agency (NSTDA)	Bangkok, Thailand	C1
			Dr. Suchat Udomsopagit	Policy Researcher	APEC Center for Technology Foresight, National Science and Technology Development Agency (NSTDA)	Bangkok, Thailand	C1
6	C2	30-Jan-09	Amb. Ana Lucy Cabral	Chief of Staff, Secretary General	Brazilian Ministry of Foreign Affairs	based in Brasilia, Brazil	C1F X
			Dr. Tariq Banuri	Director, Sustainable Development Division	United Nations	based in New York, US	C2
			Dr. Young-Woo Park	Director & Regional Representative	United Nations Environment Programme (UNEP-ROAP)	Bangkok, Thailand	C2
7	C4	7-Feb-09	Mr. Olivier Pouillon	Manager	Lestair Recycling	Ubud, Bali, Indonesia	C4
			Odeck Ariana	Manager	Ary's Warung	Ubud, Bali, Indonesia	C4
			Tara Muff	Manager	Ary's Warung	Ubud, Bali, Indonesia	C4
8	C1-C3-C5	18-Feb-09	Pra Tawee	Monk & Instructor	Wat Sua (Tiger Temple)	Si Prajan, Souphanburi, Thailand	C5
			Dr. Sawaeng Ruaysoongnern	Professor	Khon Kaen University	Si Prajan, Souphanburi, Thailand	C3
			Khun Charan	Agricultural Extension Officer	District Agricultural Office, Ministry of Agriculture	based in Khon Kaen, Thailand	C1
			Thong Moh	President	Learning Center for Organic Agriculture	based in Souphanburi, Thailand	C5
			Sunee	Farmer	50 yrs old	from Vanghinlad, Chumpae, Thailand	C5
			Pranom Khempet	Teacher	Learning Center for Organic Agriculture	Souphanburi, Thailand	C5
			Prayong Chanlay	Farmer	77 yrs old	from Vanghinlad, Chumpae, Thailand	C5
9	C3	24-Feb-09	Dr. Klanarong Sriroth	Deputy Director	Kasetsart Agricultural and Agro-industrial Product Improvement Institute (KAPI), Kasetsart University	Bangkok, Thailand	C3

			Dr. Thierry Tran	Researcher	Kasetsart Agricultural and Agro-industrial Product Improvement Institute, Kasetsart University	Bangkok, Thailand	C3
			Dr. Son Chu-Ky	Researcher	Institute of Biological and Food Technology, Hanoi University of Technology	based in Hanoi, Vietnam	C3
			Jo Hazel Bograd	Research Scientist	Kasetsart University	Bangkok, Thailand	C3
10	C2-C3	6-Mar-09	Gwi-Yeop Son	Resident Representative	United Nations Development Programme (UNDP)	Bangkok, Thailand	C2
			Andrew Claypole	Chief of Social Policy	United Nations Children's Fund (UNICEF)	Bangkok, Thailand	C2
			Promboon Panitchpakdi	Executive Director	Raks Thai (CARE)	Bangkok, Thailand	C3
11	C2-C3	6-Mar-09	Dr. Apichai Puntasen	Dean, Faculty of Management Science	Ubon Rajathanee University	based in Ubon Rajathanee, Thailand	C3
			Akiko Inoguchi	Programme Officer, Thai Affairs Section	Food and Agriculture Organisation (FAO) of the United Nations	Bangkok, Thailand	C2
			Michael Walker	Programme Officer	International Labour Organisation (ILO)	Bangkok, Thailand	C3
			Dr. Javed Mir	Core Environment Program (CEP) - Environment Operations Center (EOC)	Asian Development Bank (ADB)	Bangkok, Thailand	C2
12	C4	7-Mar-09	Dr. Preecha Prammanee	Researcher	PTT Public Co., Ltd.	Bangkok, Thailand	C4
			Dr. Kunn Kangvansaichol	Managing Director/Secretary General, Food Processing Industry Club	Petro Green Ltd., Co. (Mitr Phol)/The Federation of Thai Industries	Bangkok, Thailand	C4
			Mr. Pravitt Prakitsri	Production Development Executive	T.P.K. Ethanol Co., Ltd.	Bangkok, Thailand	C4
			Mr. Chumroen Benchavitvilai	Executive Officer	Bioenergy Development Co., Ltd. (B.E.D.)	Bangkok, Thailand	C4
13	C1	8-Mar-09	Dr. Teerapatr Srinorakutara	Senior Researcher & Ethanol Project Director	Thailand Institute of Scientific and Technological Research (TISTR)	Khlong Luang, Thailand	C1
			Mr. Pramote Lamsiri	Former Deputy Permanent Secretary	Ministry of Energy	Bangkok, Thailand	C1
			Capt. Dr. Samai Jai-In	Energy Specialist, National Metal & Materials Technology Center (MTEC)	National Science & Technology Development Agency (NSTDA)	Bangkok, Thailand	C1
14	C4	8-Mar-09	Mr. & Mrs. Athiras & Maethauh Dumdee	Owner & son	Dumdee Biodiesel	based in Aoluk Nua, Krabi, Thailand	C4
			Mr. Nun Phakdee	Manager	Alternative Energy Community Development	based in Krabi, Thailand	C4
15	C3-C4	10-Mar-09	Mr. Chumroen Benchavitvilai	Manager	Bioenergy Development Co., Ltd. (B.E.D.)	Bangkok, Thailand	C4
			Mr. Patrick Farren	entrepreneur	former employee of a Malaysian biofuels company	based in Savannakhet, Lao PDR	C4
			Dr. Ibrahim Rehman	Director	The Energy and Resources Institute (TERI)	Delhi, India	C3
			Dr. Richard McNally	Programme Manager	World Wide Fund for Nature (WWF) Vietnam	based in Hanoi, Vietnam	C3
16	C2	11-Mar-09	Mr. Rob Ukkerman	Senior Advisor, Regional Forestry Network Leader	Netherlands Development Organisation (SNV)	based in Hanoi, Vietnam	C2



			Mr. Maurice Schill	Smallholder Cash Crop/Biofuel Development	Netherlands Development Organisation (SNV)	based in Vientiane, Lao PDR	C2
			Mr. Eelco Baan	Network Leader/Advisor Asia Small Holder Cash Crops	Netherlands Development Organisation (SNV)	based in Vientiane, Lao PDR	C2
			Mr. Ranjan Shrestha	Senior Adviser/Sector Leader Small Holder Cash Crops	Netherlands Development Organisation (SNV)	based in Savannakhet, Lao PDR	C2
			Mr. Nico Janssen	Senior Advisor/Sector Leader Small Holder Cash Crops	Netherlands Development Organisation (SNV)	based in Hue, Vietnam	C2
			Mr. Tom Krader	Sector Leader Senior Advisor, Renewable Energy	Netherlands Development Organisation (SNV)	based in Kathmandu, Nepal	C2
			Ms Angeline Kahara	Senior Advisor/Private Sector Development	Netherlands Development Organisation (SNV)	based in Lusaka, Zambia	C2
17	C1- C2- C3	17-Mar-09	Mr. Mark Halle	Executive Director-Europe	International Institute for Sustainable Development (IISD)	based in Geneva, Switzerland	C3
			Dr. Peter King	Senior Policy Advisor	Institute for Global Environmental Strategies (IGES)	based in Bangkok, Thailand	C3
			Mr. Christer Holstberg	Director	Swedish Environmental Secretariat for Asia (SENSA)	based in Bangkok, Thailand	C2
			Dr. Lu Xing	Professor	Yunnan University	Kunming, Yunnan, China	C1
			Dr. Xu Jianchu	Country Representative	World Agroforestry Center (ICRAF-China)	Kunming, Yunnan, China	C1
18	C2- C3	17-Mar-09	Dr. Andrew Noble	Regional Director, Southeast Asia and Central Europe	International Water Management Institute (IWMI)	Kunming, Yunnan, China	C3
			Mr. Ben Vickers	Senior Programme Officer	Regional Community Forestry Training Center for Asia and the Pacific (RECOFTC)	based in Bangkok, Thailand	C3
			Dr. Dechen Tsering	Deputy Regional Director	United Nations Environment Programme (UNEP-ROAP)	based in Bangkok, Thailand	C2
			Dr. Joakim Ojendal	Professor, School of Global Studies	University of Gothenburg	based in Gothenburg, Sweden	C3
			Ms. Muanpong Juntopas	Research Fellow	Stockholm Environment Institute	based in Bangkok, Thailand	C3
19	C5	19-Mar-09	Mr. He Jun	Researcher	World Agroforestry Center (ICRAF-China)	Kunming, Yunnan, China	C1
			Ms. Yang Mei	Researcher	World Agroforestry Center (ICRAF-China)	Kunming, Yunnan, China	C1
			Mr. Yang Shaoqing	Village Head - 33 yrs	Heiniquo Village, Xiaohe Township	Yunnan, China	C5
			Mr. Zhang Xifang	farmer - 80 yrs	Heiniquo Village, Xiaohe Township	Yunnan, China	C5
			Mr. Wang Meifeng	farmer - 23 yrs	Heiniquo Village, Xiaohe Township	Yunnan, China	C5
20	C1- C5	23-Mar-09	Mr. Thongchanh Sengsoulivong	Director	Champasak Agriculture and Forestry College, Ministry of Agriculture and Forestry	Pakse, Champasak, Lao PDR	C1
			Dr. Soubanh Sengsoulivong	Head, Teacher Development Office	Pakse Teacher Training College	Pakse, Champasak,	C5

						Lao PDR	
21	C4	24-Mar-09	Chamnieng Nuntavong	owner	Prathumphone Prosperity Agricultural Co., Ltd.	Prathumphone, Champasak, Lao PDR	C4
			Khamphanh Sipaphai	manager	Prathumphone Prosperity Agricultural Co., Ltd.	Prathumphone, Champasak, Lao PDR	C4
			Vongmany Sipaphai	worker	Prathumphone Prosperity Agricultural Co., Ltd.	Prathumphone, Champasak, Lao PDR	C4
			Tou Sayaseng	worker, Ban Meuy Nursery	Prathumphone Prosperity Agricultural Co., Ltd.	Ban Houaynamphak, Prathumphone, Champasak, Lao PDR	C4
22	C1-C4-C5	25-Mar-09	Mr. Gerry Duckitt	Agricultural Advisor	Global Association for People and the Environment (GAPE)	Pakse, Champasak, Lao PDR	C5
			Vilaysak Viengxay	Programme Assistant	Global Association for People and the Environment (GAPE)	Pakse, Champasak, Lao PDR	C5
			Mr. Thong Daeng	Manager	Neu Muang Tong Co., Ltd.	Sanasumboum District, Champasak, Lao PDR	C4
			Mr. Khamphony Vongsaphang	Researcher	Crop Research Station	Pakse, Champasak, Lao PDR	C1
			Viangxay Sipaphone	Head, Promotion Section	Provincial Agriculture and Forestry Office (PAFO) Research and Promotion Center	Pakse, Champasak, Lao PDR	C1
23	C1-C3	26-Mar-09	Dr. Siripong Hungsaprug	Director General	Dept of Water Resources	Bangkok, Thailand	C1
			Mr. Surapol Pattanee	Deputy Director-General, Dept of Water Resources	Dept of Water Resources	Bangkok, Thailand	C1
			Aloune Sayavong	Director, Water Resources Management Division	Water Resources and Environment Agency (WREA)	based in Vientiane, Lao PDR	C1
			Watt Botkosul	Director, Planning Department, Cambodian National Mekong Committee	Ministry of Environment	based in Phom Phen, Cambodia	C1
			Nguyen Hong Toan	Director	Center for River Basin Water Resources and Environmental Management	based in Hanoi, Vietnam	C3
24	C1-C3-C5	27-Mar-09	Mr. Surachai Sasisuwan	Former Head	Rural Development Office	Bangkok, Thailand	C1
			Mr. Somkhith Singsong	representative	Houy Sam Mo Upper Chi River Subbasin	Houy Sam Mo, Thailand	C5
			Mr. Kamit Ranboonchan	Secretary	Northeast Farmers' Association	Nong Khai, Thailand	C5
			Dr. Prasit Prakongsri	Director, Integrated Water Resource Management Research and Development Center	Faculty of Agriculture, Khon Kaen University	Khon Kaen, Thailand	C3
			Dr. Wasan Jompakdee	Professor, Faculty of Engineering	Chiang Mai University	Chiang Mai, Thailand	C3
			Mr. Rattaphon Pitakthepsombat	Project Manager Chi Watershed Restoration	WWF Thailand	Ubon Ratchathani,	C5

				project		Thailand	
			Ms. Pakawan Chufamane	Director, Mekong Affairs Branch, Department of Water Resources	Ministry of Natural Resources and Environment	Bangkok, Thailand	C1
			Mr. Laothai Ninnunal	Secretary	Nam Phong Watershed Subriver Basin Committee	Nam Phong, Thailand	C5
			Dr. Richard Friend	Researcher	M-Powernet	Bangkok, Thailand	C3
25	C1	1-Apr-09	Dr. Peesamai Jenvanitpanjakul	Deputy Governor, Research & Development for Sustainable Development	Thailand Institute of Scientific & Technological Research (TISTR)	Khlong Luang, Thailand	C1
			Dr. Sutiporn Chewasatn	Director, Energy Technology Department	Thailand Institute of Scientific & Technological Research (TISTR)	Khlong Luang, Thailand	C1
			Dr. Teeraptr Srinorakutara	Senior Research & Ethanol Project Director	Thailand Institute of Scientific & Technological Research (TISTR)	Khlong Luang, Thailand	C1
26	C1	7-Apr-09	Mr. Boonrod Sajjakulnukit	Department of Alternative Energy Development and Efficiency (DEDE)	Ministry of Energy	Bangkok, Thailand	C1
			Mr. Natikorn Prakobbon	Department of Alternative Energy Development and Efficiency (DEDE)	Ministry of Energy	Bangkok, Thailand	C1
			Mr. Pongsak Prommakorn	Department of Alternative Energy Development and Efficiency (DEDE)	Ministry of Energy	Bangkok, Thailand	C1
			Ms. Areerat Yoohoon	Department of Alternative Energy Development and Efficiency (DEDE)	Ministry of Energy	Bangkok, Thailand	C1
			Dr. Sukamon Hinchiranan	Department of Alternative Energy Development and Efficiency (DEDE)	Ministry of Energy	Bangkok, Thailand	C1
27	C1-C4-C5	11-Apr-09	Mr. Athiras Dumdee	Director	Dumdee Biodiesel	Aoluk, Krabi, Thailand	C4
			Mrs. Witchuda Dumdee	Co-director	Dumdee Biodiesel	Aoluk, Krabi, Thailand	C4
			Mr. Ohm Dumdee	student	Dumdee Biodiesel	Aoluk, Krabi, Thailand	C4
			Mr. Suppachai Klungkaew	Director	Community Biodiesel Producer Network	Korat, Thailand	C4
			Mr. Uthai Bhuripongsdhon	Director	Provincial Energy Office	based in Nakhon Si Thammarat, Thailand	C1
			Mr. Udomsat Najit	Officer	Provincial Energy Office	based in Nakhon Si Thammarat, Thailand	C1
			Mr. Phissanoo Kanjanapradit	Teacher	Vocational College	based in Nakhon Si Thammarat, Thailand	C5
			Mr. Chokchai Playdoug	Head, Biodiesel project	Krabi Oil Palm Farmers Cooperatives Federation Ltd.	Aoluk, Krabi, Thailand	C4
			Mr. Sumaidee Meepadai	Controller	Krabi Oil Palm Farmers Cooperatives Federation Limited	Aoluk, Krabi, Thailand	C4
28	C1-C3	30-Apr-09	Mr. Mukul Sanwal	Advisor	Ministry of Science and Technology, India	based in Delhi, India	C1
			Mrs. Prasertsuk Chamornmarn	Deputy Executive Director	Thailand Greenhouse Gas Management Organisation	Bangkok, Thailand	C1
			Mr. Mahesh Sugathan	Programme Coordinator, Economics & Trade Policy Analysis	International Center for Trade and Sustainable Development	based in Geneva, Switzerland	C3

29	C2- C3	1-May-09	Mr. Mark Halle	Executive Director - Europe	International Institute for Sustainable Development (IISD)	based in Geneva, Switzerland	C3
			Mr. Aaron Cosbey	Associate	International Institute for Sustainable Development (IISD)	based in Rosland, Manitoba, Canada	C3
			Mr. Christer Holstberg	Director	Swedish Environmental Secretariat for Asia (SENSA)	Bangkok, Thailand	C2
30	C2	13-May-09	Mr. Sverre Tvinnereim	Bioenergy Programme Officer	Food and Agriculture Organisation for Asia and the Pacific (FAO)	Bangkok, Thailand	C2
			Mr. Beau Damen	Bioenergy Programme Officer	Food and Agriculture Organisation for Asia and the Pacific (FAO)	Bangkok, Thailand	C2
31	C3	15-May-09	Dr. Siriwan Ratanakarn	Assistant to the President for Academic Affairs	Bangkok University	Bangkok, Thailand	C3
			Mrs. Polboon Nuntamanop	Advisor to the President, Strategic Planning	Bangkok University	Bangkok, Thailand	C3
			Mr. Chakkaphong Suthapuchakun	Chairperson, Computer Engineering Department	Bangkok University	Bangkok, Thailand	C3
			Mrs. Soutaree Rattapasakorn	Director, Office of Quality Assurance	Bangkok University	Bangkok, Thailand	C3
			Mr. Somsak Aphiraksombat	Associate Dean, School of Engineering	Bangkok University	Bangkok, Thailand	C3
			Ms Sooksiri Chamsuk	Programme Officer	United Nations Industrial Development Organization (UNIDO)	Bangkok, Thailand	C2
32	C1- C4	15-May-09	Capt. Dr. Samai Jai- In	Energy Specialist, National Metal & Materials Technology Center (MTEC)	National Science & Technology Development Agency (NSTDA)	Bangkok, Thailand	C1
			Mr. Burin Sukphisal	Expert Advisor	Parliament & Ministry of Industry	Bangkok, Thailand	C1
			Mr. Wachara Hoy Huan	supervisor	palm oil farm and plant operations	Saraburi, Thailand	C4
			Mr. Jarun Putson	45 years old	oil palm farmer	Saraburi, Thailand	C4
			Mrs. Sirimon Pootsot	45 years old	oil palm farmer	Saraburi, Thailand	C4
33	C4	20-May-09	Mr. Chumroen Benchavitvilai	Executive Director	Bioenergy Development Co., Ltd. (B.E.D.)	Bangkok, Thailand	C4
			Mr. Michael Pritchett	investor	private sector	Bangkok, Thailand	C4
34	C4	20-May-09	Mr. Pran Siamwalla	Industrial Specialist, Risk Management Dept	Bank of Ayudhya Public Co., Ltd.	Bangkok, Thailand	C4
			M.L. Mrs. Abhawadee Devakula	Representative	CIC Office	Bangkok, Thailand	C4
35	C4	2-Jun-09	Mr. Pichai Tangsathapornphanich	Group Manager	Lam Soon Co., Ltd. (palm oil)	Bangkok, Thailand	C4
			Mr. Chuladit Chunekamrai	Representative	Thai Oil Palm and Palm Oil Association	Bangkok, Thailand	C4
			Mr. Walraterp Punturaumporn	Advisor	Palm Oil Refinery Association	Bangkok, Thailand	C4
36	C4	2-Jun-09	Mr. Chalee Maneerat	Enterprise First Manager	Shell Co., Thailand Ltd.	Bangkok, Thailand	C4
			Mr. Thanes Rajatapiti	General Manager - Supply	Shell Co., Thailand Ltd.	Bangkok, Thailand	C4
			Ms Pavinee Sittikornkkul	Customer Service Manager	Systems & Services Certification	Bangkok, Thailand	C4
37	C1- C4	7-Jun-09	Mr. Nopadol Suanprasert	former Director General	Office of the Rubber Replanting Aid Fun (ORRAF)	Bangkok, Thailand	C1
			Mr. Louis Newman	CEO	GNR Technologies	based in Montreal, Canada	C4

			Mr. Tam Suanboomsrap	Manager	Open Face Co., Ltd.	based in Montreal, Canada	C4
			Dr. Nahathai Thewphaingarm	Advisor & former Member of Parliament (Sukhumvit, Thai Rak Thai)	Standing Committee on Foreign Affairs, House of Representatives	Bangkok, Thailand	C1
38	C4	8-Jun-09	Mr. Xi Shuangbanna	buyer	Rubber trading company	based in Yunnan, China	C4
			Mr. Linzhe Li	buyer	Rubber trading company	based in Yunnan, China	C4
			Mr. Woravit Leavitavat	rubber trader	independent	based in Bangkok, Thailand	C4
39	C4	9-Jun-09	Ms. Warangkana Khingkeaw	Marketing Dept	Von Bundit Co., Ltd.	Phuket, Thailand	C4
			Mr. Tan Ching Huat (Jason)	Marketing manager	Von Bundit Co., Ltd.	Phuket, Thailand	C4
			Mr. Bundit Kerdvonbundit	Co-director	Von Bundit Co., Ltd.	Phuket, Thailand	C4
			Mr. Louis Newman	CEO	GNR Technologies	based in Montreal, Canada	C4
			Mr. Tam Suanboomsrap	Manager	Open Face Co., Ltd.	based in Montreal, Canada	C4
			Mr. Nopadol Suanprasert	former Director General	Office of the Rubber Replanting Aid Fund (ORRAF)	based in Bangkok, Thailand	C1
40	C5	10-Jun-09	Mr. Soraywth Samutrsaran	Tapper trainer of 30 years	formerly with the Phuket Rubber Cooperative	Pa Klog, Phuket, Thailand	C5
			Mr. Tawon Tabtong	rubber tapper for over 30 yrs	72 yrs old	Pa Klog, Phuket, Thailand	C5
			Mr. Somkit Udornlat	Manager	Pa Klog Cooperative	Pa Klog, Phalang, Phuket, Thailand	C5
			Mr. Boonsong Thavorn	4th generation rubber tapper with 300 rai plantation	58 yrs old	Takuatung, Phang Nga, Thailand	C5
			Mrs. Sudawan Boonkong	Factory Manager	Thai Rubber Latex Group Co., Ltd.	Takuatung, Phang Nga, Thailand	C4
			Mr. Apichat Janjit	latex delivery driver from 20 farmers, 200 rai total	44 yrs old	Lor Yong, Phang Nga, Thailand	C5
41	C1	10-Jun-09	Mr. Manit Ngansthil	Director	Office of the Rubber Replanting Aid Fund (ORRAF), Phang Nga	Phang Nga, Thailand	C1
			Mr. Narong Thuarob	Director	Office of the Rubber Replanting Aid Fund (ORRAF), Krabi	Krabi, Thailand	C1
			Mr. Satid Pornsin	Deputy Director	Office of the Rubber Replanting Office (ORRAF), Krabi	Krabi, Thailand	C1
			Mr. Songtham	Officer	Office of the Rubber Replanting Aid Fund (ORRAF), Pattani	Pattani, Thailand	C1
			Mr. Verapol Thongnuangam	Staff	Office of the Rubber Replanting Aid Fund (ORRAF)	based in Bangkok, Thailand	C1
42	C3-C4	26-Jun-09	Dr. Suphot Phatanasri	Faculty of Engineering	Chulalongkorn University	Bangkok, Thailand	C3

			Dr. Pichaya Ratchadavong	Faculty of Engineering	Chulalongkorn University	Bangkok, Thailand	C3
			Mr. Suthep Jongwannasiri	General Manager	IMMS Energy Co., Ltd.	Bangkok, Thailand	C4
43	C3	9-Jul-09	Prof Thippawal Srijantr	Associate Professor	Kasetsart University	Bangkok, Thailand	C3
			Prof Chatthip Nartsupha	Professor	Chulalongkorn University	Bangkok, Thailand	C3
44	C1-C3	27-Jul-09	Ambassador Ivan Cannabrava	Ambassador	Brazilian Ambassador to Belgium & Luxembourg	Bruxelles, Belgium	C1F X
			Ms Ramine Shaw	Policy Analyst	Ministry of Defense, Government of Canada	Bruxelles, Belgium (based in Ottawa, Canada)	C1F X
			Mr. Sven Riemer	Partner	Stratos Consulting	Bruxelles, Belgium (based in Ottawa, Canada)	C3
45	C1FX	29-Oct-09	André Aranha Corrêa do Lago	Director, Energy Department	Ministry of External Relations	Brasilia, Brazil	C1F X
			Marcelo Martinez	First Secretary, Energy Department	Ministry of External Relations	Brasilia, Brazil	C1F X
			Pedro Henrique Bracante Machado	Second Secretary, Energy Department	Ministry of External Relations	Brasilia, Brazil	C1F X
46	C1, C1FX, C3	10-Nov-09	Capt. Dr. Samai Jai-In	Bioenergy Expert	Royal Thai Navy	Bangkok, Thailand	C1
			Ms. Julia Olmstead	Senior Associate, Rural Communities Program	Institute for Agriculture & Trade Policy (IATP)	Washington, D.C.	C3
			Mr. Douglas Newman	International Trade Analyst	US International Trade Commission	Washington, D.C.	C1F X
47	C4	9-Nov-09	Mr. Khoo Hock Aun	Managing Director/CEO & Steering Board Member	Cosmo Biofuels Group/Roundtable On Sustainable Biofuels	Selangor, Malaysia	C4
			Mr. Jeffrey Yue	Director	Cosmo Biofuels Group/Roundtable On Sustainable Biofuels	Selangor, Malaysia	C4
			Mr. Hishamuddin Koh	Chief Operating Officer/Senior Advisor	Agribusiness and Rural Development Consultants	Yangon, Myanmar	C4
			Mr. Chumroen Benchavitvilai	Executive Director	Bioenergy Development Co., Ltd. (B.E.D.)	Bangkok, Thailand	C4
48	C1, C3	13-Nov-09	Dr. Watcharas Leelawath	Deputy Executive Director	International Institute for Trade & Development (ITD)	Bangkok, Thailand	C3
			Dr. Bunchorn	Excise Department	Ministry of Finance	Bangkok, Thailand	C1
			Ms. Rojanayol Vongsuksiri	Research Fellow	International Institute for Trade & Development (ITD)	Bangkok, Thailand	C3
49	C3, C5	23-24 February 2010	Mr. Tim Hirsch	Journalist	independent	based in São Paulo, Brazil	C3
			Mr. André Brunckhorst	Project Director	Rede Terra - Instituto de Desenvolvimento Sustentável e Apoio à Agricultura Familiar	Cristalina, Goiás, Brazil	C5
			Ms. Isabel Figueiredo	Technical Advisor	Instituto Sociedade, População e Natureza (ISPAN)	based in Brasilia, Brazil	C5

## Appendix J

### List of legal instruments related to bioenergy in Thai law

Legislation is published in the official *Royal Thai Government Gazette*, with most ministries providing information on their websites primarily in Thai.

- Land Act (1954)
- Liquor Act (1956)
- Land Reform for Agriculture Act (1975)
- Investment Promotion Act (1977), Amendment No. 2 (1991); Amendment No. 3 (2001) (Government Gazette Volume 118, Part 110 Kor., Decree Issue, 30 November 2001, available at [http://www.boi.go.th/english/download/boi\\_forms/proact\\_eng.pdf](http://www.boi.go.th/english/download/boi_forms/proact_eng.pdf))
- Export and Import Act (1979) (Royal Decree of 1979, Issue No. 39)
- Cane and Sugar Act (1984)
- Organisation of State Administration Act (1991) (amended 2002)
- Industrial Estate Authority of Thailand Act (1979), Third Edition (1996) (available at [www.ieat.go.th/menu06/images/InfoMenu6.2.1\\_eng.doc](http://www.ieat.go.th/menu06/images/InfoMenu6.2.1_eng.doc))
- Energy Conservation Promotion Act (1992) (available at <http://www.eppo.go.th/admin/law/doc-NEPO-ACT2.html>)
- National Energy Policy Act (1992) (available at <http://www.eppo.go.th/admin/law/doc-NEPO-ACT2.html>)
- Enhancement and Conservation of National Environmental Quality Act (1992) (available at [http://www.pcd.go.th/info\\_serv/en\\_reg\\_envi.html](http://www.pcd.go.th/info_serv/en_reg_envi.html))
- Factory Act (1969) (amended in 1972, 1975, 1979 and 1992) (available at [http://www.pcd.go.th/info\\_serv/en\\_reg\\_relatedlaw.html](http://www.pcd.go.th/info_serv/en_reg_relatedlaw.html))
- Hazardous Substances Act (1992) (available at [http://www.pcd.go.th/info\\_serv/en\\_reg\\_relatedlaw.html](http://www.pcd.go.th/info_serv/en_reg_relatedlaw.html))
- National Energy Policy Council Act (1992) (Revision 2, 16 October 2007)
- Public Health Act (1992) (available at [http://www.pcd.go.th/info\\_serv/en\\_reg\\_relatedlaw.html](http://www.pcd.go.th/info_serv/en_reg_relatedlaw.html))
- Foreign Business Act (1999) (available at [http://www.dbd.go.th/eng/law/fba\\_e1999.phtml](http://www.dbd.go.th/eng/law/fba_e1999.phtml))
- Fuel Trade Act (2000) (available at <http://www.doeb.go.th/eng/bfts.html>)
- Restructuring of Government Organisation Act (2002) (Government Gazette Vol. 119, Section 99 dated 2 October 2002)
- Community Forest Bill (2007)
- Energy Industry Act (2007) (Government Gazette Vol. 124, Part 89a, dated 10 December 2007, available at [http://www.eppo.go.th/admin/cab/law/energy\\_industry\\_act-2007.pdf](http://www.eppo.go.th/admin/cab/law/energy_industry_act-2007.pdf))
- Thailand Greenhouse Gas Management Organisation (2007) (Royal Decree published in the Government Gazette of Thailand Vol. 124, Part 31a, dated 6 January 2007, available at <http://www.tgo.or.th/english/>)

### Key environmental and socio-economic laws and regulations, Thailand

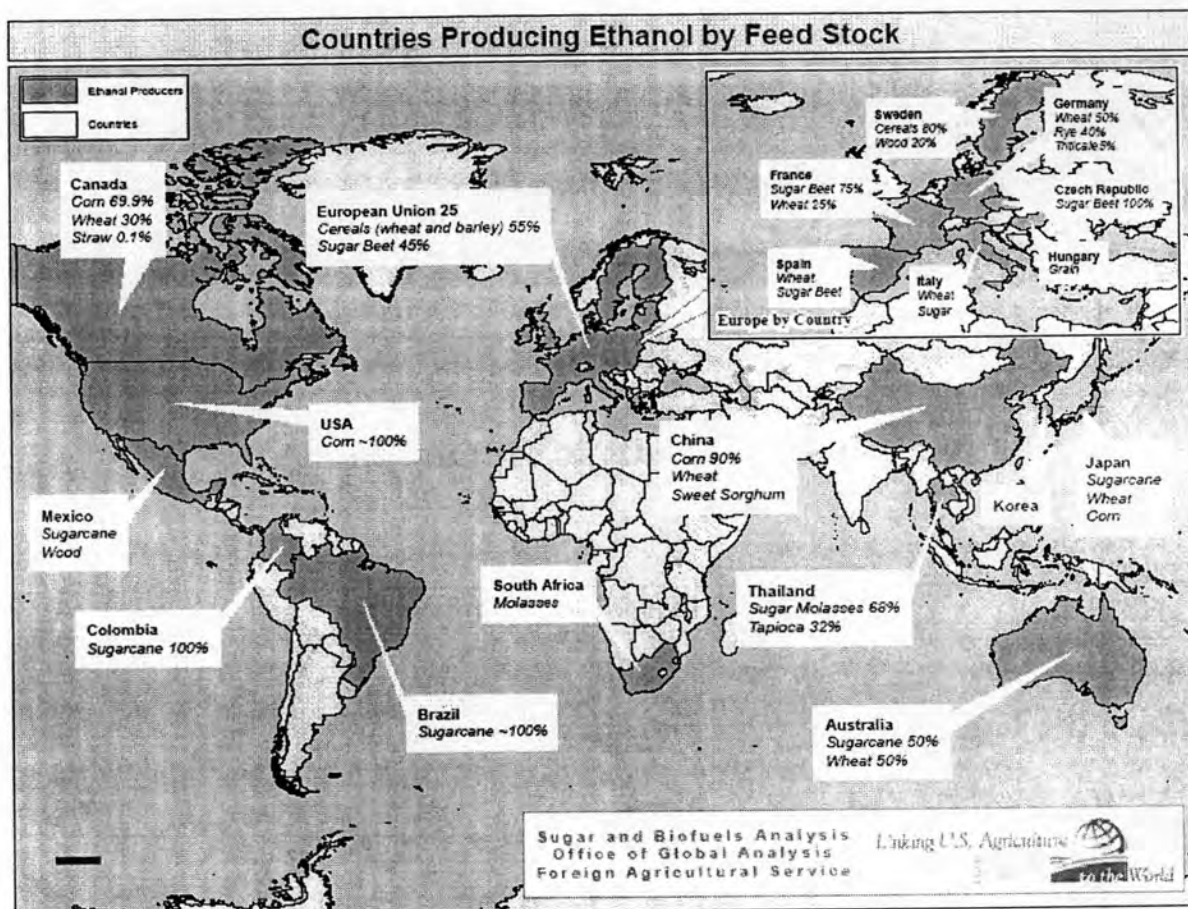
Year	Environmental policy, law or agency	Objective, function
1961	National Park Act	Defines land that is a national park and not allowed for cultivation. Promotes rehabilitation of degraded forests using native species
1961	<b>First National Economic and Social Development Plan</b>	<b>Provides a framework for development</b>
1981	Environmental Impact Assessment	Requirement to undertake an environmental assessment of development projects
1989	Ban on export of raw logs	To address deforestation and increase value addition in the wood processing industry
1992	Enhancement and Conservation of National Environmental Quality Act	Comprehensive national framework for environmental protection
1992	Factory Act	Controls factor operations regarding waste disposal, pollution emission and contamination to minimize environmental impacts
1992	Hazardous Substances Act	Provides for handling, storage, transport and disposal of hazardous waste
1992	Wild Animal Preservation and Protection Act	Provides for species protection and establishes wildlife sanctuaries
1992	Public Health Act	Comprehensive national framework for public and occupational health
1992	Reforestation Act	Describes the types of land on which forest plantations may be registered and established. Supports reforestation of restricted tree species such as teak by the private sector on private land
1992	Navigation in Thai Waterways Act (amended)	Prohibits dumping of any refuse including oil and chemicals into rivers, canals, swamps, reservoirs, lakes or waterways that may pollute the environment
1992	Energy Conservation Promotion Act	To promote energy conservation
1997	Plan for Enhancement and Conservation of National Environmental Quality (1997-2018)	To integrate natural resources management and enhancement and conservation of national environmental quality with sustainable economic and social development and ensure quality of life
1997	<b>Eighth National Economic and Social Development Plan (1997-2001)</b>	<b>Incorporates the concept of "people-centered development"</b>
2002	Ministry of Natural Resources and Environment established	Ministry to integrate natural resource conservation and management and environmental quality
2002	<b>Ninth Economic and Social Development Plan (2002-2006)</b>	<b>Built on the framework of integrating a balance between economic, social and environment through the concept of "sufficiency economy"</b>
2007	Environmental Quality Management Plan (2007-2011)	Sets out conceptual guidelines for national natural resource and environmental management based on the concept of sufficiency economy
2007	<b>Tenth National Economic and Social Development Plan (2007-2011)</b>	<b>Addresses the current development challenges, opportunities and constraints by further developing the sufficiency economy concept</b>
2007	<i>Draft</i> Hazardous Waste Management Act	To promote management of electronic and electrical equipment waste

Source: Shaw et al 2007a.



## Appendix K

### Global picture of ethanol production



## Appendix L

### Global picture of biodiesel production

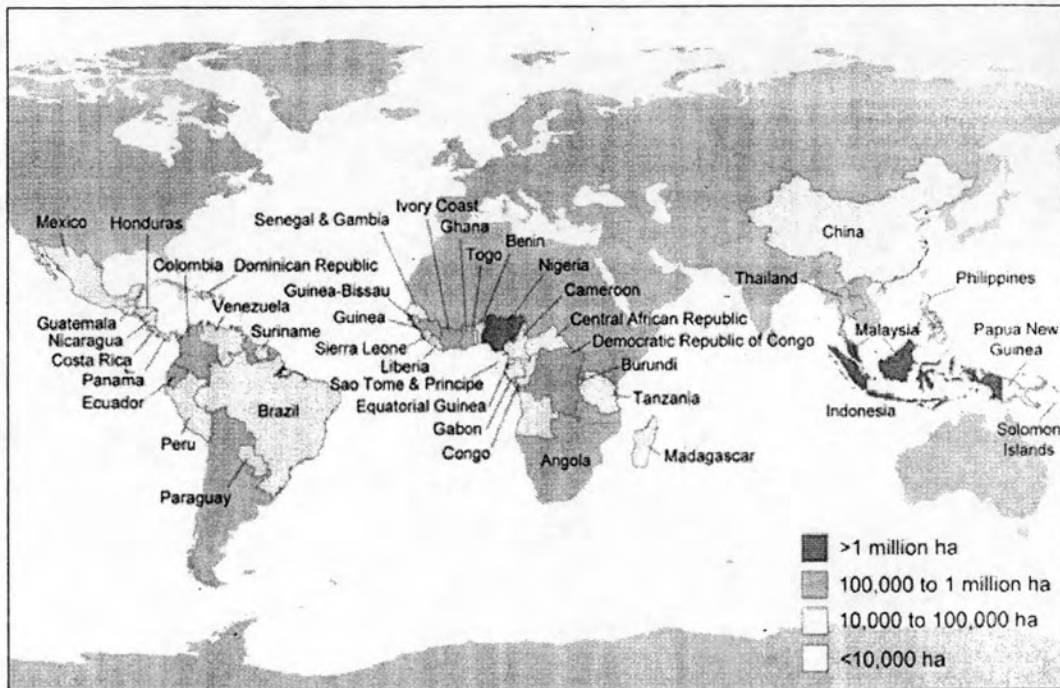


Figure 1. The extent of oil palm cultivation in 43 oil palm-producing countries in 2006.  
(Source: Koh and Wilcove 2008a)

## **Appendix M: Data analysis of informant questionnaire responses**

This questionnaire was filled out by 143 of the over 500 key informants between October 2008 and July 2009, most often prior to, or during the interview or focus group discussion. In this manner, the survey served to focus the interviewee on the topic of the research. The interviewee then expanded on certain points of this survey by way of clarification. A discussion of the survey results has been interwoven in the analysis in Chapters V, VI and VII.

The tables below are the cross-tabulation for each of the ten questions for the five informant categories. The survey questionnaire is contained in Appendix D in English and Appendix E in Thai. All 143 respondents answered all ten questions in the survey.

Table 1: Crosstab of Question 1T

Question 1			What is the main driving force behind your country's policy on biofuels?					Total
			Energy security	Domestic commercial opportunities	Export growth potential (trade)	Local rural livelihood development	To address climate change	
Category	National government	Count	17	6	3	3	0	29
		% within category	58.6%	20.7%	10.3%	10.3%	.0%	100.0%
		% within Q1	20.7%	27.3%	18.8%	13.6%	.0%	20.3%
		% of Total	11.9%	4.2%	2.1%	2.1%	.0%	20.3%
	Intergov	Count	16	4	2	3	0	25
		% within category	64.0%	16.0%	8.0%	12.0%	.0%	100.0%
		% within Q1	19.5%	18.2%	12.5%	13.6%	.0%	17.5%
		% of Total	11.2%	2.8%	1.4%	2.1%	.0%	17.5%
	NGO	Count	26	3	5	4	0	38
		% within category	68.4%	7.9%	13.2%	10.5%	.0%	100.0%
		% within Q1	31.7%	13.6%	31.3%	18.2%	.0%	26.6%
		% of Total	18.2%	2.1%	3.5%	2.8%	.0%	26.6%
	Private sector	Count	14	8	6	1	0	29
		% within category	48.3%	27.6%	20.7%	3.4%	.0%	100.0%
		% within Q1	17.1%	36.4%	37.5%	4.5%	.0%	20.3%
		% of Total	9.8%	5.6%	4.2%	.7%	.0%	20.3%
	Local	Count	9	1	0	11	1	22
		% within category	40.9%	4.5%	.0%	50.0%	4.5%	100.0%
		% within Q1	11.0%	4.5%	.0%	50.0%	100.0%	15.4%
		% of Total	6.3%	.7%	.0%	7.7%	.7%	15.4%
Total	Count	82	22	16	22	1	143	
	% within category	57.3%	15.4%	11.2%	15.4%	.7%	100.0%	
	% within Q1	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	% of Total	57.3%	15.4%	11.2%	15.4%	.7%	100.0%	

## Chi-Square Tests for Question 1

	Value	Df	Asymp. Sig. (2-sided)
Pearson Chi-Square	40.622 <sup>a</sup>	16	.001
Likelihood Ratio	36.283	16	.003
Linear-by-Linear Association	6.792	1	.009
N of Valid Cases	143		

Table 2: Crosstab of Question 2

Question 2		Could your Government benefit from more information in formulating biofuel policies?		
			Yes*	Total
category	National government	Count	29	29
		% within category	100.0%	100.0%
		% within Q2	20.3%	20.3%
		% of Total	20.3%	20.3%
	Intergov	Count	25	25
		% within category	100.0%	100.0%
		% within Q2	17.5%	17.5%
		% of Total	17.5%	17.5%
	NGO	Count	38	38
		% within category	100.0%	100.0%
		% within Q2	26.6%	26.6%
		% of Total	26.6%	26.6%
	Private sector	Count	29	29
		% within category	100.0%	100.0%
		% within Q2	20.3%	20.3%
		% of Total	20.3%	20.3%
	Local	Count	22	22
		% within category	100.0%	100.0%
		% within Q2	15.4%	15.4%
		% of Total	15.4%	15.4%
Total	Count	143	143	
	% within category	100.0%	100.0%	
	% within Q2	100.0%	100.0%	
	% of Total	100.0%	100.0%	

\* There were only "yes" responses.

## Chi-Square Tests

	Value
Pearson Chi-Square	<sup>a</sup>
N of Valid Cases	143

a. No statistics are computed because Q2 is a constant.

Table 3: Crosstab of Question 3t

Question 3			Could coordination between ministries on biofuels policy be improved in your country?		Total
			Yes	No	
category	National government	Count	29	0	29
		% within category	100.0%	.0%	100.0%
		% within Q3	20.7%	.0%	20.3%
		% of Total	20.3%	.0%	20.3%
	Intergov	Count	25	0	25
		% within category	100.0%	.0%	100.0%
		% within Q3	17.9%	.0%	17.5%
		% of Total	17.5%	.0%	17.5%
	NGO	Count	36	2	38
		% within category	94.7%	5.3%	100.0%
		% within Q3	25.7%	66.7%	26.6%
		% of Total	25.2%	1.4%	26.6%
	Private sector	Count	28	1	29
		% within category	96.6%	3.4%	100.0%
		% within Q3	20.0%	33.3%	20.3%
		% of Total	19.6%	.7%	20.3%
	Local	Count	22	0	22
		% within category	100.0%	.0%	100.0%
		% within Q3	15.7%	.0%	15.4%
		% of Total	15.4%	.0%	15.4%
Total	Count	140	3	143	
	% within category	97.9%	2.1%	100.0%	
	% within Q3	100.0%	100.0%	100.0%	
	% of Total	97.9%	2.1%	100.0%	

## Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	3.740 <sup>a</sup>	4	.442
Likelihood Ratio	4.752	4	.314
Linear-by-Linear Association	.275	1	.600
N of Valid Cases	143		

a. 5 cells (50.0%) have expected count less than 5. The minimum expected count is .46.

Table 4: Crosstab of Question 4

Question 4			What is the main challenge to the development of the biodiesel sector in your country?					Total
			The policy framework	Implementation of policies and regulations	Crop yields	Harvesting techniques	Processing technologies	
category	National government	Count	12	10	6	0	1	29
		% within category	41.4%	34.5%	20.7%	.0%	3.4%	100.0%
		% within Q4	20.7%	22.2%	21.4%	.0%	20.0%	20.3%
		% of Total	8.4%	7.0%	4.2%	.0%	.7%	20.3%
	Intergov	Count	17	4	4	0	0	25
		% within category	68.0%	16.0%	16.0%	.0%	.0%	100.0%
		% within Q4	29.3%	8.9%	14.3%	.0%	.0%	17.5%
		% of Total	11.9%	2.8%	2.8%	.0%	.0%	17.5%
	NGO	Count	20	16	0	0	2	38
		% within category	52.6%	42.1%	.0%	.0%	5.3%	100.0%
		% within Q4	34.5%	35.6%	.0%	.0%	40.0%	26.6%
		% of Total	14.0%	11.2%	.0%	.0%	1.4%	26.6%
	Private sector	Count	9	7	11	0	2	29
		% within category	31.0%	24.1%	37.9%	.0%	6.9%	100.0%
		% within Q4	15.5%	15.6%	39.3%	.0%	40.0%	20.3%
		% of Total	6.3%	4.9%	7.7%	.0%	1.4%	20.3%
	Local	Count	0	8	7	7	0	22
		% within category	.0%	36.4%	31.8%	31.8%	.0%	100.0%
		% within Q4	.0%	17.8%	25.0%	100.0%	.0%	15.4%
		% of Total	.0%	5.6%	4.9%	4.9%	.0%	15.4%
Total	Count	58	45	28	7	5	143	
	% within category	40.6%	31.5%	19.6%	4.9%	3.5%	100.0%	
	% within Q4	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	% of Total	40.6%	31.5%	19.6%	4.9%	3.5%	100.0%	

## Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	75.331 <sup>a</sup>	16	.000
Likelihood Ratio	78.910	16	.000
Linear-by-Linear Association	16.493	1	.000
N of Valid Cases	143		

a. 12 cells (48.0%) have expected count less than 5. The minimum expected count is .77.

Table 5: Crosstab of Question 5

Question 5			What is the main challenge to the development of the ethanol sector in your country?					Total
Need to improve:			the policy framework	implementation of policies and regulations	Crop yields	Harvesting techniques	Processing technologies	
category	National government	Count						10
		% within category	34.5%	37.9%	27.6%	.0%	.0%	100.0%
		% within Q5	21.7%	21.6%	25.0%	.0%	.0%	20.3%
		% of Total	7.0%	7.7%	5.6%	.0%	.0%	20.3%
	Intergov	Count	16	5	4	0	0	25
		% within category	64.0%	20.0%	16.0%	.0%	.0%	100.0%
		% within Q5	34.8%	9.8%	12.5%	.0%	.0%	17.5%
		% of Total	11.2%	3.5%	2.8%	.0%	.0%	17.5%
	NGO	Count	14	17	2	1	4	38
		% within category	36.8%	44.7%	5.3%	2.6%	10.5%	100.0%
		% within Q5	30.4%	33.3%	6.3%	16.7%	50.0%	26.6%
		% of Total	9.8%	11.9%	1.4%	.7%	2.8%	26.6%
	Private sector	Count	6	13	7	0	3	29
		% within category	20.7%	44.8%	24.1%	.0%	10.3%	100.0%
		% within Q5	13.0%	25.5%	21.9%	.0%	37.5%	20.3%
		% of Total	4.2%	9.1%	4.9%	.0%	2.1%	20.3%
	Local	Count	0	5	11	5	1	22
		% within category	.0%	22.7%	50.0%	22.7%	4.5%	100.0%
		% within Q5	.0%	9.8%	34.4%	83.3%	12.5%	15.4%
		% of Total	.0%	3.5%	7.7%	3.5%	.7%	15.4%
Total	Count	46	51	32	6	8	143	
	% within category	32.2%	35.7%	22.4%	4.2%	5.6%	100.0%	
	% within Q5	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	% of Total	32.2%	35.7%	22.4%	4.2%	5.6%	100.0%	

## Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	61.718 <sup>a</sup>	16	.000
Likelihood Ratio	64.537	16	.000
Linear-by-Linear Association	18.457	1	.000
N of Valid Cases	143		

a. 11 cells (44.0%) have expected count less than 5. The minimum expected count is .92.



Table 6: Crosstab of Question 6

Question 6			Which actor should take the lead in developing the biofuels sector in your country?				Total
			Government at the national level	Government at the local and provincial levels	Private sector	Community based organisations	
category	National government	Count	22	4	2	1	29
		% within category	75.9%	13.8%	6.9%	3.4%	100.0%
		% within Q6	27.5%	13.3%	8.3%	11.1%	20.3%
		% of Total	15.4%	2.8%	1.4%	.7%	20.3%
	Intergov	Count	18	3	4	0	25
		% within category	72.0%	12.0%	16.0%	.0%	100.0%
		% within Q6	22.5%	10.0%	16.7%	.0%	17.5%
		% of Total	12.6%	2.1%	2.8%	.0%	17.5%
	NGO	Count	23	6	8	1	38
		% within category	60.5%	15.8%	21.1%	2.6%	100.0%
		% within Q6	28.8%	20.0%	33.3%	11.1%	26.6%
		% of Total	16.1%	4.2%	5.6%	.7%	26.6%
	Private Sector	Count	13	4	10	2	29
		% within category	44.8%	13.8%	34.5%	6.9%	100.0%
		% within Q6	16.3%	13.3%	41.7%	22.2%	20.3%
		% of Total	9.1%	2.8%	7.0%	1.4%	20.3%
	Local	Count	4	13	0	5	22
		% within category	18.2%	59.1%	.0%	22.7%	100.0%
		% within Q6	5.0%	43.3%	.0%	55.6%	15.4%
		% of Total	2.8%	9.1%	.0%	3.5%	15.4%
Total	Count	80	30	24	9	143	
	% within category	55.9%	21.0%	16.8%	6.3%	100.0%	
	% within Q6	100.0%	100.0%	100.0%	100.0%	100.0%	
	% of Total	55.9%	21.0%	16.8%	6.3%	100.0%	

## Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	51.137 <sup>a</sup>	12	.000
Likelihood Ratio	49.154	12	.000
Linear-by-Linear Association	15.470	1	.000
N of Valid Cases	143		

a. 10 cells (50.0%) have expected count less than 5. The minimum expected count is 1.38.

Table 7: Crosstab of Question 7

Question 7			Which actor should take the lead in developing the biofuels sector in the Mekong region?						Total
			regional organisation (ADB, ASEAN, APEC)	Governments at the national level	Government at the local and provincial levels	Private sector	Public private partnerships	Community based organisations	
Category	National government	Count	13	13	1	1	1	0	29
		% within category	44.8%	44.8%	3.4%	3.4%	3.4%	.0%	100.0%
		% within Q7	20.0%	35.1%	11.1%	10.0%	5.6%	.0%	20.3%
		% of Total	9.1%	9.1%	.7%	.7%	.7%	.0%	20.3%
	Intergov	Count	20	2	0	0	3	0	25
		% within category	80.0%	8.0%	.0%	.0%	12.0%	.0%	100.0%
		% within Q7	30.8%	5.4%	.0%	.0%	16.7%	.0%	17.5%
		% of Total	14.0%	1.4%	.0%	.0%	2.1%	.0%	17.5%
	NGO	Count	24	5	1	3	4	1	38
		% within category	63.2%	13.2%	2.6%	7.9%	10.5%	2.6%	100.0%
		% within Q7	36.9%	13.5%	11.1%	30.0%	22.2%	25.0%	26.6%
		% of Total	16.8%	3.5%	.7%	2.1%	2.8%	.7%	26.6%
	Private sector	Count	8	4	4	5	7	1	29
		% within category	27.6%	13.8%	13.8%	17.2%	24.1%	3.4%	100.0%
		% within Q7	12.3%	10.8%	44.4%	50.0%	38.9%	25.0%	20.3%
		% of Total	5.6%	2.8%	2.8%	3.5%	4.9%	.7%	20.3%
	Local	Count	0	13	3	1	3	2	22
		% within category	.0%	59.1%	13.6%	4.5%	13.6%	9.1%	100.0%
		% within Q7	.0%	35.1%	33.3%	10.0%	16.7%	50.0%	15.4%
		% of Total	.0%	9.1%	2.1%	.7%	2.1%	1.4%	15.4%
Total	Count	65	37	9	10	18	4	143	
	% within category	45.5%	25.9%	6.3%	7.0%	12.6%	2.8%	100.0%	
	% within Q7	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	% of Total	45.5%	25.9%	6.3%	7.0%	12.6%	2.8%	100.0%	

Table 8: Crosstab of Question 8

Question 8			Are you aware of, or do you benefit from government incentives to promote biofuels?		Total
			Yes	No	
category	National government	Count	25	4	29
		% within category	86.2%	13.8%	100.0%
		% within Q8	20.5%	19.0%	20.3%
		% of Total	17.5%	2.8%	20.3%
	Intergov	Count	21	4	25
		% within category	84.0%	16.0%	100.0%
		% within Q8	17.2%	19.0%	17.5%
		% of Total	14.7%	2.8%	17.5%
	NGO	Count	27	11	38
		% within category	71.1%	28.9%	100.0%
		% within Q8	22.1%	52.4%	26.6%
		% of Total	18.9%	7.7%	26.6%
Private sector	Count	27	2	29	
	% within category	93.1%	6.9%	100.0%	
	% within Q8	22.1%	9.5%	20.3%	
	% of Total	18.9%	1.4%	20.3%	
Local	Count	22	0	22	
	% within category	100.0%	.0%	100.0%	
	% within Q8	18.0%	.0%	15.4%	
	% of Total	15.4%	.0%	15.4%	
Total	Count	122	21	143	
	% within category	85.3%	14.7%	100.0%	
	% within Q8	100.0%	100.0%	100.0%	
	% of Total	85.3%	14.7%	100.0%	

## Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	11.413 <sup>a</sup>	4	.022
Likelihood Ratio	13.787	4	.008
Linear-by-Linear Association	2.242	1	.134
N of Valid Cases	143		

a. 4 cells (40.0%) have expected count less than 5. The minimum expected count is 3.23.

Table 9: Crosstab of Question 9

Question 9			Are you aware of, or do you make use of standards related to biofuels?		Total
			Yes	No	
category	National government	Count	20	9	29
		% within category	69.0%	31.0%	100.0%
		% within Q9	19.0%	23.7%	20.3%
		% of Total	14.0%	6.3%	20.3%
	Intergov	Count	19	6	25
		% within category	76.0%	24.0%	100.0%
		% within Q9	18.1%	15.8%	17.5%
		% of Total	13.3%	4.2%	17.5%
	NGO	Count	26	12	38
		% within category	68.4%	31.6%	100.0%
		% within Q9	24.8%	31.6%	26.6%
		% of Total	18.2%	8.4%	26.6%
Private sector	Count	23	6	29	
	% within category	79.3%	20.7%	100.0%	
	% within Q9	21.9%	15.8%	20.3%	
	% of Total	16.1%	4.2%	20.3%	
Local	Count	17	5	22	
	% within category	77.3%	22.7%	100.0%	
	% within Q9	16.2%	13.2%	15.4%	
	% of Total	11.9%	3.5%	15.4%	
Total	Count	105	38	143	
	% within category	73.4%	26.6%	100.0%	
	% within Q9	100.0%	100.0%	100.0%	
	% of Total	73.4%	26.6%	100.0%	

## Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1.550 <sup>a</sup>	4	.818
Likelihood Ratio	1.558	4	.816
Linear-by-Linear Association	.565	1	.452
N of Valid Cases	143		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.85.

Table 10: Crosstab of Question 10

Question 10			In your opinion, is your country's biofuels sector developing along the right path as of 2009?		Total
			yes	No	
category	National government	Count	17	12	29
		% within category	58.6%	41.4%	100.0%
		% within Q10	27.9%	14.6%	20.3%
		% of Total	11.9%	8.4%	20.3%
	Intergov	Count	3	22	25
		% within category	12.0%	88.0%	100.0%
		% within Q10	4.9%	26.8%	17.5%
		% of Total	2.1%	15.4%	17.5%
	NGO	Count	14	24	38
		% within category	36.8%	63.2%	100.0%
		% within Q10	23.0%	29.3%	26.6%
		% of Total	9.8%	16.8%	26.6%
	Private sector	Count	17	12	29
		% within category	58.6%	41.4%	100.0%
		% within Q10	27.9%	14.6%	20.3%
		% of Total	11.9%	8.4%	20.3%
Local	Count	10	12	22	
	% within category	45.5%	54.5%	100.0%	
	% within Q10	16.4%	14.6%	15.4%	
	% of Total	7.0%	8.4%	15.4%	
Total	Count	61	82	143	
	% within category	42.7%	57.3%	100.0%	
	% within Q10	100.0%	100.0%	100.0%	
	% of Total	42.7%	57.3%	100.0%	

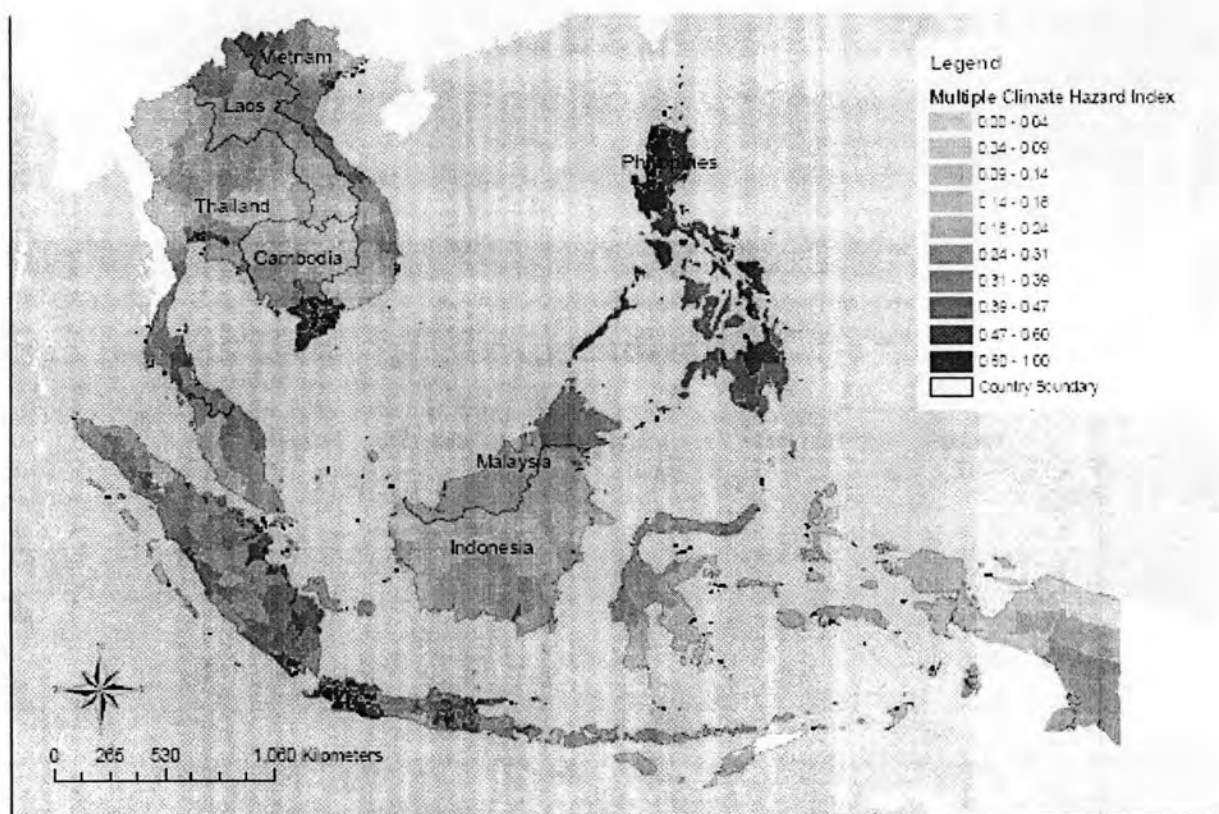
## Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	16.244 <sup>a</sup>	4	.003
Likelihood Ratio	17.794	4	.001
Linear-by-Linear Association	.287	1	.592
N of Valid Cases	143		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 9.38.

## Appendix N

### Climate change hotspots in Southeast Asia



Plotting Climate Change Hotspots – a striking new map composed exposes Southeast Asia's vulnerability to extreme climate hazards

Source: IDRC 2009

## Appendix O

### CBD development of sustainability guidelines for biofuels

The Secretariat of the Convention on Biological Diversity (CBD) received 32 submissions as of 31 July 2009 concerning efforts underway in the international community and researchers to develop sustainability guidelines for biofuels.

1.4 A policy brief of UNESCO, SCOPE and UNEP argues that biofuel policies will be most successful if integrated in comprehensive plans for climate change, biodiversity protection and food and energy security and that these plans should address energy conservation and efficiency as well as new sources of energy.

2.4 The Roundtable on Sustainable Biofuels (RSB) prepared, on the basis of a several rounds of consultations, a set of highly aspirational principles, criteria and indicators and recognises that very few biofuel supply chains currently fulfil these principles. The RSB version zero results include the following principles:

- 74 Biofuel production shall follow all applicable laws of the country in which they occur, and shall endeavour to follow all international treaties relevant to biofuels production to which the relevant country is a Party;
- 74 Biofuel projects shall be designed and operated under appropriate, comprehensive, transparent, consultative, and participatory processes that involve all relevant stakeholders;
- 74 Biofuel shall contribute to climate change mitigation by significantly reducing GHG emissions as compared to fossil fuels;
- 74 Biofuel production shall not violate human rights or labour rights, and shall ensure decent work and the well-being of workers;
- 74 Biofuel production shall contribute to the social and economic development of local, rural and indigenous peoples and communities;
- 74 Biofuel production shall not impair food security;
- 74 Biofuel production shall avoid negative impacts on biodiversity, ecosystems, and areas of High Conservation Value;

- 74 Biofuel production shall promote practices that seek to improve soil health and minimize degradation;
- 74 Biofuel production shall optimize surface and groundwater resource use, including minimizing contamination or depletion of these resources, and shall not violate existing formal and customary water rights. Air pollution from biofuel production and processing shall be minimized along the supply chain;
- 74 Biofuel shall be produced in the most cost-effective way. The use of technology must improve production efficiency and social and environmental performance in all stages of the biofuel value chain;
- 74 Biofuel production shall not violate land rights.

3.4 The International Risk Governance Council (IRGC) concluded that current policies, and economic incentives that accompany them, do not enable a balanced resolution of the trade-offs that need to be made between (i) Biomass for fuel *versus* food; (ii) Energy security and independence *versus* climate change mitigation; (iii) Different uses of land, with direct and indirect impact on GHG emissions, soil degradation and water resources; and (iv) Local, regional and global needs. In view of the complexity of the issue, IRGC proposes policy options, with clear-cut targets, summarized as follows:

- 74 Industrialized countries and major exporters of bioenergy among developing countries should encourage the development of bioenergy only where it can be demonstrated that doing so will reduce GHG emissions throughout the entire life-cycle;
- 74 Other developing countries and countries with economies in transition should develop bioenergy that primarily benefits local livelihoods through the provision of affordable, safe and more efficient heat, electricity and fuel for transportation, and to support wider sustainable development goals that do not, in doing so, jeopardise food security.

4.4 A study commissioned by WWF Germany and led by the Öko-Institut proposes the following biomass sustainability standards:

- 74 Clarification of land ownership;
- 74 Avoiding negative impacts from bioenergy-driven changes in land use;
- 74 Priorities for food supply and food security;
- 74 No additional negative biodiversity impacts;
- 74 Minimization of greenhouse gas emissions;



- 74 Minimization of soil erosion and degradation;
- 74 Minimization of water use and avoidance of water contamination;
- 74 Improvement of worker conditions and worker rights;
- 74 Ensuring a share of proceeds; and
- 74 Avoiding human health impacts.

5.4 IUCN provides a compilation of example principles, frameworks and tools already in use in the conservation community which may be applied to bioenergy production to identify and reduce environmental as well as socio-economic risks and promote opportunities. The aim is to provide the range of stakeholders who are engaged in the bioenergy agenda (governments, businesses, communities, land owners, and individuals) the tools to achieve more sustainable outcomes in relation to ecosystems and livelihoods.

Some submissions provide an overview of the range of issues related to the sustainable production and use of biofuels (e.g. Red de Desarrollo Sostenible y Medio Ambiente). Others emphasize specific points such as the need to study the carbon balance of biofuel production (e.g. Wetlands International; International Mire Conservation Group; Greenpeace), its implications on biota (European Forest Institute; European Centre for Nature Conservation), land use and conservation activities (UNEP-WCMC; Econexus; Plieninger) and water use (e.g. International Water Management Institute), trade-offs between food and energy production (International Federation of Organic Agriculture Movements; CGIAR Livestock Program; CIMMYT, ICRISAT) including associated incentive measures (Center for Advanced Studies on Applied Economics of the University of São Paulo; Econexus), the use of living modified organisms (Gressel) and invasive alien species as feedstock (Global Invasive Species Programme) and implications for indigenous and local communities (Econexus) and gender equality (UNDP/GEF-SGP).

## Appendix P

### Thai National Interpretation of the RSPO principles and criteria

เอกสารประกอบการพิจารณา (Document for review, June 2009)

หลักการและเกณฑ์การพิจารณาสำหรับการผลิตน้ำมันปาล์มอย่างยั่งยืน ตามกรอบ RSPO

Principles and Criteria	หลักการและเกณฑ์การพิจารณา
<b>Principle 1: Commitment to transparency</b>	<b>หลักการข้อที่ 1: ความโปร่งใส</b>
Criterion 1.1 Oil palm growers and millers provide adequate information to other stakeholders on environmental, social and legal issues relevant to RSPO Criteria, in appropriate languages & forms to allow for effective participation in decisionmaking.	เกณฑ์พิจารณา 1.1 ชาวสวนปาล์ม และ โรงงานสกัดน้ำมันปาล์มจัดเตรียมข้อมูลอย่างเพียงพอ แก่ผู้ที่มีส่วนได้ส่วนเสียอื่นๆในประเด็นภาวะสิ่งแวดล้อม สังคม และ กฎหมาย ซึ่งสัมพันธ์กับเกณฑ์พิจารณา ของ RSPO โดยใช้ภาษา และ รูปแบบที่เหมาะสม เพื่อให้เกิดประโยชน์อย่างแท้จริง ในการมีส่วนร่วมต่อการตัดสินใจ
Criterion 1.2 Management documents are publicly available, except where this is prevented by commercial confidentiality or where disclosure of information would result in negative environmental or social outcomes	เกณฑ์พิจารณา 1.2 เอกสารด้านการบริหารจัดการ ต้องเปิดเผยต่อสาธารณะ ยกเว้นเอกสารที่เป็นความลับทางการค้า หรือ เอกสารที่หากเปิดเผยแล้วอาจส่งผลกระทบต่อเชิงลบต่อสังคม หรือสภาพแวดล้อม
<b>Principle 2: Compliance with applicable laws and regulations</b>	<b>หลักการข้อที่ 2: ความร่วมมือตามกฎหมายและกฎต่าง ๆ</b>
Criterion 2.1 There is compliance with all applicable local, national and ratified international laws and regulations	เกณฑ์พิจารณา 2.1 ปฏิบัติตามกฎหมายและกฎต่างๆ ทั้งภายในระดับท้องถิ่น ระดับประเทศ และการให้สัตยาบันระหว่างประเทศ
Criterion 2.2 The right to use the land can be demonstrated, and is not legitimately contested by local communities with demonstrable rights.	เกณฑ์พิจารณา 2.2 หลักฐานแสดงสิทธิการใช้ที่ดิน โดยหลักฐานดังกล่าวต้องไม่รุกรานสิทธิของชุมชนในท้องถิ่น

Criterion 2.3 Use of the land for oil palm does not diminish the legal rights, or customary rights, of other users, without their free, prior and informed consent	เกณฑ์พิจารณา 2.3 การใช้ที่ดินเพื่อปลูกปาล์มน้ำมัน ต้องไม่ริดรอนสิทธิตามกฎหมายหรือตามประเพณีนิยมของเจ้าของที่ดินรายอื่นโดยไม่ได้รับความยินยอม
<b>Principle 3: Commitment to long-term economic and financial viability</b>	<b>หลักการข้อที่ 3: ความสามารถทางธุรกิจและการเงินในระยะยาว</b>
Criterion 3.1 There is an implemented management plan that aims to achieve long-term economic and financial viability.	เกณฑ์พิจารณา 3.1 มีแผนการดำเนินงานด้านการจัดการที่สามารถรักษาสถานภาพทางเศรษฐกิจและการเงินระยะยาวได้
<b>Principle 4: Use of appropriate best practices by growers and millers</b>	<b>หลักการข้อที่ 4: การใช้แนวทางปฏิบัติที่เหมาะสมของผู้ปลูกปาล์มน้ำมันและโรงงานสกัดน้ำมันปาล์ม</b>
Criterion 4.1 Operating procedures are appropriately documented and consistently implemented and monitored	เกณฑ์พิจารณา 4.1 มีการจัดเก็บข้อมูลการดำเนินงาน และการตรวจสอบในขั้นตอนของการปฏิบัติงานอย่างเหมาะสม
Criterion 4.2 Practices maintain soil fertility at, or where possible improve soil fertility to, a level that ensures optimal and sustained yield.	เกณฑ์พิจารณา 4.2 มีการรักษาความอุดมสมบูรณ์ของดิน และหรือแนวทางที่เป็นไปได้ในการปรับปรุงคุณภาพของดินในระดับที่สามารถเก็บผลผลิตอย่างเหมาะสมและยั่งยืน
Criterion 4.3 Practices minimize and control erosion and degradation of soils	เกณฑ์พิจารณา 4.3 มีแนวทางการปฏิบัติที่ลดและติดตามการพังทลายและการเสื่อมสภาพของดิน
Criterion 4.4 Practices maintain the quality and availability of surface and ground water.	เกณฑ์พิจารณา 4.4 มีการรักษาคุณภาพและการใช้ประโยชน์จากน้ำและน้ำใต้ดิน
Criterion 4.5 Pests, diseases, weeds and invasive introduced species are effectively managed using appropriate Integrated Pest Management (IPM) techniques.	เกณฑ์พิจารณา 4.5 มีการจัดการศัตรูพืช โรคพืช และวัชพืชต่าง ๆ โดยใช้เทคนิคการจัดการศัตรูพืชแบบผสมผสาน (Integrated Pest Management (IPM))
Criterion 4.6 Agrochemicals are used in a way that does not endanger health or the environment. There is no prophylactic use, and where agrochemicals are used that are categorized as World Health Organisation Type 1A or 1B, or are listed by the Stockholm or Rotterdam Conventions, growers are actively seeking to identify	เกณฑ์พิจารณา 4.6 ใช้สารเคมีทางการเกษตรอย่างระมัดระวัง ไม่ให้เกิดอันตรายต่อสุขภาพและสิ่งแวดล้อม รวมถึงมิให้มีการใช้สารเคมีเพื่อการป้องกันโรคต่างๆ และหากมีการใช้สารเคมีในประเภทที่ระบุตามองค์การอนามัยโลก ประเภท 1A หรือ 1B หรือ

alternatives, and this is documented.	ตามรายการของอนุสัญญาสต็อกโฮล์ม หรืออนุสัญญา รอตเตอร์ดัม ผู้ปลูกได้มีหลักฐานทางเอกสารระบุว่าได้มี ความพยายามในการหาทางเลือกอื่นๆไว้
Criterion 4.7 An occupational health and safety plan is documented, effectively communicated and implemented.	เกณฑ์พิจารณา 4.7 มีเอกสารหลักฐานแสดงแผนงาน เกี่ยวกับสุขภาพและความปลอดภัย เป็นที่เข้าใจและ ปฏิบัติตามแผนได้อย่างมีประสิทธิภาพ
Criterion 4.8 All staff, workers, smallholders, and contractors are appropriately trained.	เกณฑ์พิจารณา 4.8 พนักงานและ ,ลูกไร่ ,คนงาน , ผู้รับเหมางาน ต้องผ่านการฝึกอบรมในการใช้สารเคมี
<b>Principle 5: Environmental responsibility and conservation of natural resources and biodiversity</b>	<b>หลักการข้อที่ 5: ความรับผิดชอบต่อสิ่งแวดล้อม การอนุรักษ์ทรัพยากรธรรมชาติและ หลากหลายทางชีวภาพ</b>
Criterion 5.1 Aspects of plantation and mill management that have environmental impacts are identified, and plans to mitigate the negative impacts and promote the positive ones are made, implemented and monitored, to demonstrate continuous improvement.	เกณฑ์พิจารณา 5.1 มีการระบุผลกระทบด้าน สิ่งแวดล้อมในกระบวนการที่เกี่ยวข้องกับการจัดการ ด้านการปลูกการจัดการในโรงงาน , รวมทั้งมีแผนการ ผลกระทบต่อสิ่งแวดล้อมและส่งเสริมผลด้านดี และมี การดำเนินงานและประเมินผลเพื่อแสดงผล ความก้าวหน้าอย่างต่อเนื่อง
Criterion 5.2 The status of rare, threatened or endangered species and high conservation value habitats, if any, that exist in the plantation or that could be affected by plantation or mill management, shall be identified and their conservation taken into account in management plans and operations.	เกณฑ์พิจารณา 5.2 มีการระบุสถานภาพของสัตว์ป่า หายากหรือใกล้สูญพันธุ์และมีค่าควรแก่การอนุรักษ์ เอาไว้ ที่อาศัยอยู่ในพื้นที่สวนปาล์มน้ำมันหรือได้รับ ผลกระทบจากการปลูกปาล์มน้ำมันหรือการจัดการใน โรงงานและวิธีการอนุรักษ์สิ่งต่างๆ เหล่านั้นบรรจุ (ถ้ามี) ในแผนการจัดการ และการดำเนินงานด้านต่างๆ
Criterion 5.3 Waste is reduced, recycled, re-used and disposed of in an environmentally and socially responsible manner.	เกณฑ์พิจารณา 5.3 มีการลดการใช้ขยะ การรีไซเคิล และการนำกลับมาใช้ใหม่ รวมถึงการทิ้งขยะในวิธีที่ เหมาะสมต่อสังคมและสิ่งแวดล้อม
Criterion 5.4 Efficiency of energy use and use of renewable energy is maximized.	เกณฑ์พิจารณา 5.4 มีการใช้พลังงานอย่างมี ประสิทธิภาพ และนำพลังงานหมุนเวียนมาใช้ให้มาก ที่สุด
Criterion 5.5 Use of fire for waste disposal	เกณฑ์พิจารณา 5.5 มีการหลีกเลี่ยงการเผาเพื่อกำจัด

and for preparing land for replanting is avoided except in specific situations, as identified in the ASEAN guidelines or other regional best practice	ขยะ หรือเตรียมพื้นที่ปลูกปาล์มน้ำมันใหม่ เว้นแต่กรณี ที่จำเป็นซึ่งมีระบุไว้ใน คู่มือของ ASEAN หรือของ ภูมิภาคอื่น
Criterion 5.6 Plans to reduce pollution and emissions, including greenhouse gases, are developed, implemented and monitored.	เกณฑ์พิจารณา 5.5 มีแผนการดำเนินงานและการ ติดตามการลดมลภาวะและการปล่อยก๊าซเรือนกระจก )greenhouse gases (
<b>Principle 6: Responsible consideration of employees and of individuals and communities affected by growers and mills</b>	หลักการข้อที่ 6: : ความรับผิดชอบต่อนักงาน , บุคคลและชุมชนที่ได้รับผลกระทบจากผู้ปลูก ปาล์มและโรงงานสกัดน้ำมันปาล์ม
Criterion 6.1 Aspects of plantation and mill management that have social impacts are identified in a participatory way and plans to mitigate the negative impacts and promote the positive ones are made, implemented, and monitored, to demonstrate continuous improvement.	เกณฑ์พิจารณา 6.1 การจัดการการปลูกและการ จัดการในโรงงาน รวมถึงการปลูกทดแทนที่ส่งผล กระทบด้านสังคมได้รับการระบุโดยกระบวนการที่มี ส่วนร่วม และมีแผนการดำเนินงานและการติดตามเพื่อ แสดงถึงการปรับปรุงการลดผลกระทบและการส่งเสริม ผลด้านดีอย่างต่อเนื่อง
Criterion 6.2 There are open and transparent methods for communication and consultation between growers and/or millers, local communities and other affected or interested parties.	เกณฑ์พิจารณา 6.2 มีกระบวนการสื่อสารและการ ปรึกษาหารือซึ่งกันและกัน ระหว่างชาวสวนปาล์ม, และภาคี ,ชุมชนในท้องถิ่น ,โรงงานสกัดน้ำมันปาล์ม อื่นๆ ที่มีผลประโยชน์เกี่ยวข้องกัน ต้องดำเนินการอย่าง เปิดกว้างและโปร่งใส
Criterion 6.3 There is a mutually agreed and documented system for dealing with complaints and grievances, which is implemented and accepted by all parties.	เกณฑ์พิจารณา 6.3 มีการตกลงร่วมกันในการจัดระบบ การรวบรวมข้อมูลเพื่อจัดการเรื่องข้อร้องเรียนหรือข้อ ร้องทุกข์ ซึ่งได้รับการดำเนินการและการยอมรับจากทุก ฝ่าย
Criterion 6.4 Any negotiations concerning compensation for loss of legal or customary rights are dealt with through a documented system that enables indigenous peoples, local communities and other stakeholders to express their views through their own representative institutions.	เกณฑ์พิจารณา 6.4 การเจรจาตกลงใดๆที่เกี่ยวกับการ ชดเชยค่าเสียหายตามกฎหมายหรือสิทธิตามจารีต ประเพณีต้องจัดทำผ่านกระบวนการเอกสารที่ชาวบ้าน , ชุมชนท้องถิ่น และผู้มีส่วนเกี่ยวข้องอื่นๆ สามารถแสดง ความคิดเห็นผ่านองค์กรของตน
Criterion 6.5 Pay and conditions for	เกณฑ์พิจารณา 6.5 อัตราค่าจ้างแรงงาน และเงื่อนไข

<p>employees and for employees of contractors always meet at least legal or industry minimum standards and are sufficient to meet basic needs of personnel and to provide some discretionary income.</p>	<p>การจ้างงานของลูกจ้างทั้งของกิจการตนเองและของผู้รับเหมาชวงงานต้องไม่น้อยกว่าค่าแรงขั้นต่ำตามข้อกำหนดกฎหมายหรือตามมาตรฐานข้อกำหนดของอุตสาหกรรมปาล์มน้ำมัน และมีเพียงพอต่อการดำรงชีพขั้นพื้นฐาน และเก็บออมในบางส่วน</p>
<p>Criterion 6.6 The employer respects the right of all personnel to form and join trade unions of their choice and to bargain collectively. Where the right to freedom of association and collective bargaining are restricted under law, the employer facilitates parallel means of independent and free association and bargaining for all such personnel.</p>	<p>เกณฑ์พิจารณา 6.6 นายจ้างต้องเคารพสิทธิของลูกจ้างในการจัดตั้งและเข้าร่วมเป็นสมาชิกสหภาพแรงงาน เพื่อรวมตัวกันเจรจาต่อรองผลประโยชน์กับฝ่ายนายจ้างโดยนายจ้างต้องให้ความสะดวกแก่ลูกจ้างในการดำเนินการตามสิทธิที่กำหนดไว้ตามกฎหมาย</p>
<p>Criterion 6.7 Child labor is not used. Children are not exposed to hazardous working conditions. Work by children is acceptable on family farms, under adult supervision, and when not interfering with education programmers</p>	<p>เกณฑ์พิจารณา 6.7 ห้ามมิให้ใช้แรงงานเด็ก หรือทำงานที่เสี่ยงภัยหรืออาจมีอันตราย ยกเว้นการใช้แรงงานเด็กในครัวเรือนของตนเอง โดยมีผู้ใหญ่ควบคุมดูแล การทำงานของแรงงานเด็กต้องไม่ส่งผลกระทบต่อการศึกษาของเด็ก</p>
<p>Criterion 6.8 The employer shall not engage in or support discrimination based on race, caste, national origin, religion, disability, gender, sexual orientation, union membership, political affiliation, or age.</p>	<p>เกณฑ์พิจารณา 6.8 นายจ้างจะต้องไม่เลือกปฏิบัติในการจ้างงานเนื่องจากความแตกต่างในด้านเผ่าพันธุ์ วรรณะ สีผิว ศาสนา ความพิการทางร่างกาย เพศ สมาชิกสหภาพแรงงาน การเข้าร่วมกิจกรรมทางการเมือง หรืออายุ</p>
<p>Criterion 6.9 A policy to prevent sexual harassment and all other forms of violence against women and to protect their reproductive rights is developed and applied.</p>	<p>เกณฑ์พิจารณา 6.9 มีการดำเนินการด้านนโยบาย ป้องกันการคุกคามทางเพศ รวมถึงรูปแบบความรุนแรงต่อผู้หญิง และนโยบายการปกป้องสิทธิต่างๆของผู้หญิง ที่เกี่ยวกับการลาคลอด</p>
<p>Criterion 6.10 Growers and millers deal fairly and transparently with smallholders and other local businesses.</p>	<p>เกณฑ์พิจารณา 6.10 ผู้ปลูกและโรงงานมีการตกลงที่ยุติธรรมและโปร่งใสกับเกษตรกรรายย่อยและธุรกิจอื่น ๆ</p>
<p>Criterion 6.11 Growers and millers contribute to local sustainable development wherever appropriate</p>	<p>เกณฑ์พิจารณา 6.11 ผู้ปลูกและโรงงานให้ความสนับสนุนในการพัฒนาท้องถิ่นอย่างยั่งยืน ตามความ</p>

	เหมาะสม
<b>Principle 7: Responsible development of new plantings</b>	<b>หลักการข้อที่ 7: ความรับผิดชอบในการพัฒนา ด้านการปลูกป่าลุ่มน้ำมัน</b>
Criterion 7.1 A comprehensive and participatory independent social and environmental impact assessment is undertaken prior to establishing new plantings or operations, or expanding existing ones, and the results incorporated into planning, management and operations.	เกณฑ์พิจารณา 7.1 มีการประเมินผลด้านสังคม และสิ่งแวดล้อมอย่างครอบคลุมและทุกภาคส่วนที่เกี่ยวข้อง เข้าร่วมดำเนินการในกิจกรรมการเพาะปลูกใหม่ หรือ การดำเนินงานของโรงงานใหม่หรือการขยายกิจการเดิม และนำผลประเมินมาจัดทำเป็นแผนดำเนินการและถือปฏิบัติ
Criterion 7.2 Soil surveys and topographic information are used for site planning in the establishment of new plantings, and the results are incorporated into plans and operations.	เกณฑ์พิจารณา 7.2 จัดทำข้อมูลการสำรวจสภาพดิน และสภาพภูมิประเทศของพื้นที่ปลูกป่าลุ่มน้ำมันใหม่ และนำมาประกอบการวางแผนและการดำเนินการ
Criterion 7.3 New plantings since November 2005 (which is the expected date of adoption of these criteria by the RSPO membership), have not replaced primary forest or any area containing one or more High Conservation Values.	เกณฑ์พิจารณา 7.3 พื้นที่ปลูกใหม่ตั้งแต่เดือน พฤศจิกายน พ.ศ.2548 เป็นต้นไป ซึ่งคาดว่าจะเป็วันที่สมาชิกRSPO รับเกณฑ์พิจารณาเหล่านี้ห้ามมิให้ (วนหรือเขตมีการเพาะปลูกป่าลุ่มน้ำมันใหม่ในเขตป่าสงวนป่าอนุรักษ์
Criterion 7.4 Extensive planting on steep terrain, and/or on marginal and fragile soils, is avoided.	เกณฑ์พิจารณา 7.4 หลีกเลี่ยงการเพาะปลูกป่าลุ่มน้ำมันในเขตพื้นที่ชัน และหรือ เขตพื้นที่ดินด้อย/คุณภาพ และเขตโครงสร้างดินเปราะบาง
Criterion 7.5 No new plantings are established on local peoples' land without their free, prior and informed consent, dealt with through a documented system that enables indigenous peoples, local communities and other stakeholders to express their views through their own representative institutions.	เกณฑ์พิจารณา 7.5 การเพาะปลูกป่าลุ่มน้ำมันใหม่ ต้องไม่ดำเนินการบนที่ทำกินของเกษตรกรโดยไม่ได้รับการแจ้งและยินยอมจากเจ้าของที่ดินเดิมและต้องทำตามกระบวนการด้านเอกสารที่เปิดโอกาสให้ชาวบ้าน , ชุมชนท้องถิ่นและผู้ที่มีส่วนเกี่ยวข้องอื่น ๆ สามารถ บันตัวแทนของตนเองแสดงความคิดเห็นผ่านสภา
Criterion 7.6 Local people are compensated for any agreed land acquisitions and relinquishment of rights, subject to their free, prior and informed consent and negotiated agreements.	เกณฑ์พิจารณา 7.6 ชาวบ้านได้รับการชดเชยสำหรับการสละที่ดินและสิทธิ์ในที่ทำกิน โดยที่ชาวบ้านมีอิสรภาพได้ , รับการแจ้งและความยินยอมล่วงหน้า และ

	การต่อรงในข้อตกลง
Criterion 7.7 Use of fire in the preparation of new plantings is avoided other than in specific situations, as identified in the ASEAN guidelines or other regional best practice.	เกณฑ์พิจารณา 7.7 หลีกเลี่ยงการใช้ไฟเผาสำหรับการเตรียมดินเพื่อการเพาะปลูกครั้ง เว้นแต่กรณีที่ระบุเฉพาะในแนวทางการปฏิบัติของอาเซียน หรือภูมิภาคอื่นๆ
<b>Principle 8: Commitment to continuous improvement in key areas of Activity</b>	<b>หลักการข้อที่ 8: ความยินยอมในการปรับปรุงอย่างต่อเนื่องตามเงื่อนไขที่กำหนด</b>
Criterion 8.1 Growers and millers regularly monitor and review their activities and develop and implement action plans that allow demonstrable continuous improvement in key operations	เกณฑ์พิจารณา 8.1 ผู้ปลูก และโรงงานมีการติดตามตรวจสอบ ประเมินผลการทำงานอย่างสม่ำเสมอ รวมทั้งมีการพัฒนาและดำเนินการตามแผนปฏิบัติงานที่แสดงการปรับปรุงอย่างต่อเนื่อง

\*\*Translation courtesy of SEA-CR Co.Ltd., Office of Agricultural and Economics and Dr. Prakarn Veerakul



## Appendix Q

Paper to the World Renewable Energy Congress, 19 May 2009

TOPIC: Energy and Environmental Policy (E-1)

E1-015

### **Bioenergy: Food of Fuel?**

#### **Prospects and policy options for Thailand's trade in bioenergy**

Sabrina Shaw<sup>1</sup>

<sup>1</sup>Department of Thai Studies, Chulalongkorn University, Bangkok, Thailand and Associate, International Institute for Sustainable Development

Tel: (662) 651 4261, Fax: (662) 679 8569, E-mail: Sabrina@iisd.org

#### **Abstract:**

This is an important juncture for the Mekong region – the emerging dynamics of integration are in the process of being defined. Trade has become the currency of cooperation. Thailand is a key player in the trade and investment growth underway in the region. Since 1992, the Asian Development Bank's economic cooperation strategy in the Greater Mekong Subregion (GMS) has served to increase transportation links and stimulate trade. It has also increased cooperation on agriculture, energy and the environment. This unprecedented level of cooperation in combination with the need to address climate change sets the stage for implementing a coordinated regional vision for sustainable energy development. Whilst Thailand has signalled a new era in energy development with its recent energy policy and regulatory initiatives, it has yet to fully assess the socio-environmental effects of bioenergy.

There are several reasons for this research. First, intraregional trade is increasing between Thailand and its Mekong neighbours (Cambodia, China, Lao PDR, Myanmar and Vietnam). This will change the pace of growth in the region, which in turn, will have social and environmental effects. These effects will not be inconsequential given the prospects for resource intensity and scale of trade. In this context, there are rapidly increasing demands for agricultural crops (e.g., cassava and sugarcane for ethanol and palm oil and *Jatropha* for biodiesel) to be used for fuel as a substitute for imported oil, on which the region is

dependent. These issues need to be studied further before governments support bioenergy policies.

Second, trade in bioenergy offers significant intraregional opportunities for Thailand. Based on a review of the literature and interviews with key informants, this interdisciplinary research approach seeks to enable a better understanding of the relationship between Thailand's trade in bioenergy in the Mekong region and sustainable development. It brings together theory, policy and practice within the framework of sustainable development to conclude that practice needs to better inform bioenergy policymaking in Thailand.

Among its main conclusions is that, if current practices prevail, Thailand is likely to use an unsustainable model of trade-led development for bioenergy. Current evidence indicates that providing incentives for bioenergy or mandating its blending into existing transportation fuels can be counterproductive. Although the increased use of bioenergy in Thailand may address immediate energy needs, it may have unintentional implications for sustainable development. It may lead to increased food prices and encourage farmers to expand agriculture in environmentally unsustainable areas. There is a continuous need for governments to harness market forces to ensure environmental sustainability in bioenergy development, including through the Clean Development Mechanism. This is particularly important in order to transform the region towards a low carbon economy. Use of alternative bioenergy sources may promote energy security, revitalise rural economies and reduce greenhouse gas emissions if implemented at the local community level according to the concept of Sufficiency Economy.

**Keywords:** Thailand, bioenergy, sustainable development, sufficiency economy, trade & environment, Mekong region

## Appendix R

### Revisiting Agrarian Transformations in Southeast Asia Conference

**International Conference**  
**Revisiting Agrarian Transformations in Southeast Asia:**  
**Empirical, Theoretical and Applied Perspectives**

**Regional Center for Social Science and Sustainable Development**  
**Faculty of Social Sciences, Chiang Mai University**

**13-15 May 2010**  
**Chiang Mai, Thailand**

#### **LEAD DISCUSSION PAPER**

*Prospects and policy options for Thailand's trade in agroenergy: implications for sustainable development in the Mekong region*

**For the panel on**  
***Agroenergy Trade and Investment: Articulating policy in practice in the Mekong***

Sabrina Shaw, Associate, International Institute for Sustainable Development & Doctoral Candidate, Department of Thai Studies, Chulalongkorn University  
[Sabrina@iisd.org](mailto:Sabrina@iisd.org); Address: Bloco 213, E105, Brasilia, Brazil

#### **Abstract:**

This is an important juncture for the Mekong region – the emerging dynamics of integration are in the process of being defined. Trade has become the currency of cooperation. Thailand is a key player in the trade and investment growth underway in the region. Since 1992, the Asian Development Bank's economic cooperation strategy in the Greater Mekong Subregion (GMS) has served to increase transportation links and stimulate trade. It has also increased cooperation on agriculture, trade, energy and the environment. This unprecedented level of cooperation in combination with the need to address climate change sets the stage for implementing a coordinated regional vision for sustainable energy development. Whilst Thailand has signalled a new era in energy development with its recent energy policy and regulatory initiatives, it has yet to fully assess the socio-environmental effects of a potential shift from food to fuel agricultural production.

First, intraregional trade is increasing between Thailand and its Mekong neighbours (Cambodia, China, Lao PDR, Myanmar and Vietnam). This will change the pace of growth in the region, which in turn, will have social and environmental effects. These effects will not be inconsequential given the prospects for resource intensity and scale of trade. In this context, there are rapidly increasing demands for agricultural crops (e.g., cassava and sugarcane for ethanol and palm oil and *Jatropha* for biodiesel) to be used for fuel as a substitute for imported oil, on which the region is dependent. These issues need to be studied further to ensure a strategic policy framework is put in place to enable sustainable development.

Second, trade in bioenergy offers significant intraregional opportunities for Thailand. Based on a review of the literature and interviews with key informants, this interdisciplinary research approach seeks to enable a better understanding of the relationship between Thailand's trade in bioenergy in the Mekong region and sustainable development. It brings together theory, policy and practice within the framework of sustainable development to conclude that practice needs to better inform bioenergy policy making in Thailand.

This paper will draw on empirical evidence to propose the challenges confronting regional integration.

Among its main conclusions is that, if current practices prevail, Thailand is likely to use an unsustainable model of trade-led development for bioenergy. Although the increased use of bioenergy in Thailand may address immediate energy needs, it may have unintentional implications for sustainable development in neighbouring countries. It may lead to increased food prices and encourage farmers to expand agriculture in environmentally unsustainable areas. There is a continuous need for governments to harness market forces to ensure environmental sustainability in bioenergy development. This is particularly important in order to transform the region towards a low carbon economy. Use of alternative bioenergy sources may promote energy security, revitalise rural economies and reduce greenhouse gas emissions if coordinated at the regional level and implemented at the local community level according to the concept of Sufficiency Economy.

There is policy space for local process to find articulation in regional and global market interaction if governance structures are resilient, transparent and accountable.

## BIOGRAPHY

Sabrina Shaw is a specialist in the area of trade and sustainable development. She was born on 25 October 1965 in Toronto, Canada. Ms. Shaw holds Masters degrees in international relations from the Graduate Institute of International Affairs at the University of Geneva (1992) and the University of Ottawa (1991), and a Bachelor of Arts degree from the University of Toronto (1988).

She is an Associate of the International Institute for Sustainable Development (IISD) and a writer for the IISD *Earth Negotiations Bulletin* covering multilateral environmental negotiations. From 2006 to 2007, she was the lead researcher for the IISD Rapid Trade and Environment Assessment project in the Mekong region, preparing national reports for Thailand and Lao PDR. She also taught a graduate course in environmental policy and politics in the Masters in International Development Studies programme, Department of Political Science, Chulalongkorn University.

For over a decade, Ms. Shaw was an active member of the Secretariat of the World Trade Organisation (WTO) in Geneva in the area of trade and environment, having joined the Secretariat of the General Agreement on Tariffs and Trade (GATT) in 1992. As Secretary to the WTO Committee on Trade and Environment at its inception, she worked to build a better understanding of the complex issues involved in this debate, which touch on virtually all aspects of the WTO Agreements. She organised the first symposium for non-governmental organisations in 1994 and served as Secretary to the WTO dispute settlement panels on Brazil *Aircraft* Article 22.6 (2000) and US *Shrimp-Turtle* Article 21.5 (2001).

Ms. Shaw is an Associate of the University of Toronto G20 Research Group, a Member of the International Union for Conservation of Nature (IUCN) Commission on Environmental, Economic and Social Policy and a 21<sup>st</sup> Century Trust Fellow.

While researching her doctorate, she lived in Bangkok from March 2006 until July 2009, where her husband, Francisco Cannabrava, was posted as a diplomat with the Embassy of Brazil to Thailand. She currently lives with her husband and two sons in Brasilia, where she is lecturing and working to forge cooperation between Thailand and Brazil on agroenergy.

