

References

- Abler, David G., Adrian G. Rodriguez and James S. Shortle (1999), 'Trade liberalization and the environment in Costa Rica', *Environment and Development Economics*, 4(3), 357–73.
- Alavalapati, Janaki R.R., W. White, P. Jagger and A. Wellstead (1996), 'Effect of land use restrictions on the economy of Alberta: a general equilibrium analysis', *Canadian Journal of Regional Science*, 19(3), 349–65.
- Alexandratos, Nikos (1995), *World Agriculture: Towards 2010. An FAO Study*, Chichester: John Wiley for the FAO.
- Aminuddin, B.Y., W.T. Chow and T.T. Ng (1991), 'Resources and problems associated with sustainable development of upland areas in Malaysia', in Graeme Blair and Rod Lefroy (eds) *Technologies for Sustainable Agriculture on Marginal Uplands in Malaysia*, Canberra: Australian Centre for International Agricultural Research.
- Ananda, J., G. Herath and A. Chisholm (2001), 'Determination of yield and erosion damage functions using subjectively elicited data: application to smallholder tea in Sri Lanka', *Australian Journal of Agricultural and Resource Economics*, 45(2), 275–89.
- Anderson, J.R. and J. Thampapillai (1990), 'Soil conservation in developing countries: project and policy intervention', Agriculture and Rural Development Department, Policy and Research Series, Paper no. 8, Washington, DC: World Bank.
- Anderson, Kym (1992), 'The standard welfare economics of policies affecting trade and the environment', in K. Anderson and R. Blackhurst (eds) *The Greening of World Trade Issues*, Ann Arbor: University of Michigan Press, pp. 23–48.
- Anderson, Kym and Richard Blackhurst (1992), *The Greening of World Trade Issues*, Ann Arbor, MI: University of Michigan Press.
- Anderson, Kym and Anna Strutt (2000), 'Will trade liberalization harm the environment? The case of Indonesia to 2020', *Environmental and Resource Economics*, 17(3), November, 203–32.
- Andreoni, J. and A. Levinson (1998), 'The simple analytics of the environmental Kuznets curve', NBER Working Paper no. W6739, Cambridge, MA: National Bureau for Economic and Social Research.
- Angelson, Arild and David Kaimowitz (1998), *Economic Models of*

- Tropical Deforestation: A Review*, Bogor, Indonesia: Centre for International Forestry Research.
- Antweiler, Werner, Brian R. Copeland and M. Scott Taylor (2001), 'Is free trade good for the environment?', *American Economic Review*, 91(4), 877–908.
- Asian Development Bank (ADB) (1990), 'Sri Lanka', in *Economic Policies for Sustainable Development*, Manila: ADB, pp. 209–29.
- Asian Development Bank (ADB) (1997), *Emerging Asia: Changes and Challenges*, Manila: ADB.
- Athukorala, Premachandra (2001), *Crises and Recovery in Malaysia: The Role of Capital Controls*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar.
- Athukorala, Premachandra and Sisira Jayasuriya (1994), *Macroeconomic Policies, Crises and Growth in Sri Lanka 1969–90*, Washington, DC: World Bank.
- Australian Centre for International Agricultural Research (ACIAR) (1993), *Optimal Land Use in Sri Lanka with Particular Application to Land Degradation and the Planning Industries*, Project Number 9212, Canberra: ACIAR.
- Babiker, Mustafa H. (2001), 'The CO₂ abatement game: costs, incentives, and the enforceability of a sub-global coalition', *Journal of Economic Dynamics and Control*, 25(1–2), 1–34.
- Baldwin, R.E. (1975), *Foreign Trade Regimes and Economic Development: The Philippines*, New York: Columbia University Press.
- Balisacan, A. (1992), 'Parameter estimates of consumer demand systems in the Philippines', Quezon City: Policy and Planning Division, Philippine Department of Agriculture, Workshop on the APEX CGE Model of the Philippine Economy, Paper E.
- Bandara, J.S. (1989), 'A multisectoral general equilibrium model of the Sri Lankan economy with applications to the analysis of the effects of external shocks', unpublished PhD thesis, La Trobe University, Melbourne.
- Bandara, J.S. and Ian Coxhead (1999), 'Can trade liberalization have environmental benefits in developing countries? A Sri Lankan case study', *Journal of Policy Modeling*, 21(3), 349–74.
- Bandara, S.J., A. Chisholm, A. Ekanayake and S. Jayasuriya (1995), 'Environmental cost of land degradation in Sri Lanka: tax/subsidy options', *Environmental Modelling and Software*, 16, 497–508.
- Bandara, S.J. and I. Coxhead, in collaboration with A.H. Chisholm, A. Ekanayake and S. Jayasuriya (1995), 'Economic reforms and the environment in Sri Lanka', Agricultural Economics Discussion Paper 27/95, La Trobe University, Melbourne.
- Bandarathilake, H.M. (1999), 'Optimal land use in the hill country of Sri

- Lanka, land degradation and forestry', in A. Chisholm, A. Ekanayake and S. Jayasuriya (eds) *Economic Policy Reforms and the Environment: Land Degradation in Sri Lanka*, Colombo: ACIAR and MPA/HA/PI/PA, pp. 202–67.
- Bandusena, W.M. (1995), 'An economic assessment of off-site impacts of soil erosion: a case study of Sri Lanka', paper presented at the Environmental Economics and Policy Workshop, International Environment Program, Harvard Institute for International Development, Harvard University, Cambridge, MA.
- Barbier, E.B. (1998), *The Economics of Environment and Development: Selected Essays*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar.
- Barbier, E.B. and J.T. Bishop (1995), 'Economic values and incentives affecting soil and water conservation in developing countries', *Journal of Soil and Water Conservation*, 50(2), 133–7.
- Barker, R. and R.W. Herdt, with Beth Rose (1985), *The Rice Economy of Asia*, Washington, DC: Resources for the Future.
- Baumol, William J. and Wallace E. Oates (1988), *The Theory of Environmental Policy*, 2nd edn, Cambridge: Cambridge University Press.
- Bautista, Romeo, M. (1985), 'Effects of trade and exchange rate policies on export production incentives in Philippine agriculture', *Philippine Economic Journal*, 24(2/3), 87–115.
- Bautista, R.M. and A. Valdes (1993), *The Bias Against Agriculture: Trade and Macroeconomic Policies in Developing Countries*, San Francisco: International Center for Economic Growth.
- Bautista, R.M., J. Power and Associates (1979), *Industrial Promotion Policies in the Philippines*, Manila: Philippine Institute for Development Studies.
- Bee, O.J. (1987), 'Depletion of forest reserves in the Philippines', *Field Report Series No. 18*, Singapore: Institute of Southeast Asian Studies.
- Bergman, Lars (1995), 'General equilibrium costs and benefits of environmental policies', in Gianna Boerro and Aubrey Silberston (eds) *Environmental Economics: Proceedings of a Conference Held by the Confederation of European Economic Associations at Oxford, 1993*. Confederation of European Economic Associations Conference Volumes. New York: St. Martin's Press; London: Macmillan Press, pp. 3–16.
- Binswanger, Hans P. (1991), 'Brazilian policies that encourage deforestation in the Amazon', *World Development*, 19(7), July, 821–9.
- Blaikie, P.M. (1985), *The Political Economy of Soil Erosion in Developing Countries*, London and New York: Longman.
- Blaikie, P.M. and H. Brookfield (1987), *Land Degradation and Society*, London and New York: Methuen.

- Bovenberg, L. and R. de Mooij (1994), 'Environmental levies and distortionary taxation', *American Economic Review*, 86(4), 1085–9.
- Bovenberg, L. and L. Goulder (1996), 'Optimal environmental policies in the presence of other taxes: general equilibrium analyses', *American Economic Review*, 86(4), 985–1000.
- Brander, James A. and M. Scott Taylor (1997), 'International trade and open-access renewable resources: the small open economy case', *Canadian Journal of Economics*, 30(3), 526–52.
- Brander, James A. and M. Scott Taylor (1998), 'The simple economics of Easter Island: A Ricardo–Malthus model of renewable resource use', *American Economic Review*, 88(1), March, 119–38.
- Brandon, C. and R. Ramankutty (1992), 'Toward an environmental strategy for Asia', Washington, DC: World Bank Discussion Paper no. 224.
- Bromley, D.W. (1991), *Environment and Economy: Property Rights and Public Policy*, Oxford, UK and Cambridge, USA: Blackwell.
- Burniaux, Jean-Marc, Giuseppe Nicoletti and Joaquim Oliveira-Martins (1992), 'A global model for quantifying the costs of policies to curb CO₂ emissions', *OECD Economic Studies*, (19), 49–92.
- Burt, O.R. (1981), 'Farm level economics of soil conservation in the Palouse area of the Northwest', *American Journal of Agricultural Economics*, 63(1), February, 83–92.
- Carraro, Carlo and Domenico Siniscalco (1996), *Environmental Fiscal Reform and Unemployment*, Dordrecht and Boston, MA: Kluwer Academic.
- Cassman, K.G. and P.L. Pingali (1995), 'Intensification of irrigated rice systems: learning from the past to meet future challenges', *Geo-Journal*, 35, 299–305.
- Centre for International Economics (CIE) (1992), 'The composition and level of effective taxes for exporting and import competing production in Sri Lanka', draft report prepared for Sri Lanka Export Development Board, Centre for International Economics, Canberra, Australia.
- Chenery, H.B. and T.N. Srinivasan (eds) (1988), *Handbook of Development Economics*, vols 1 and 2, Amsterdam: North-Holland.
- Chisholm, A.H. (1992), 'Australian agriculture: a sustainability story', *Australian Journal of Agricultural Economics*, 36(1), 1–29.
- Chisholm, A.H. and R.G. Dumsday (1987), *Land Degradation: Problems and Policies*, Cambridge: Cambridge University Press.
- Chisholm, A., A. Ekanayake and S. Jayasuriya (eds) (1999), *Economic Policy Reforms and the Environment: Land Degradation in Sri Lanka*, Colombo: Australian Centre for International Agricultural Research and Ministry of Public Administration, Home Affairs, Plantation Industries and Parliamentary Affairs of Sri Lanka.

- Chomitz, Kenneth M. and Kanta Kumari (1998), 'The domestic benefits of tropical forests: a critical review', *World Bank Research Observer*, 13(1), 13–35.
- Clarete, R.L. and P.G. Warr (1992), 'The theoretical structure of the APEX model of the Philippine economy', Workshop on the APEX CGE Model of the Philippine Economy, Philippine Department of Agriculture and Philippine Economic Society, Makati, July (mimeo).
- Clarke, H.R. (1992), 'The supply of non-degraded agricultural land', *Australian Journal of Agricultural Economics*, 36(1), April, 31–56.
- Clark, R. (1994), 'Economic valuation of soil erosion and conservation measures: a case study of the Perawella Area in the Upper Mahaweli Catchment', Technical Report no. 20, Forest/Land Use Mapping Project, Environment and Forest Conservation Division, Mahaweli Authority, Polgolla, Sri Lanka.
- Coase, R.H. (1960), 'The problem of social cost', *Journal of Law and Economics*, 3, 1–44.
- Coomaraswamy, A., A. Ekanayake, A.H. Chisholm and S. Jayasuriya (1999), 'Effect of land degradation on tea productivity', in A. Chisholm, A. Ekanayake and S. Jayasuriya (eds) *Economic Policy Reforms and the Environment: Land Degradation in Sri Lanka*, Colombo: ACIAR and MPA/HA/PI/PA, pp. 299–313.
- Copeland, Brian R. (1994), 'International trade and the environment: policy reform in a polluted small open economy', *Journal of Environmental Economics and Management*, 26(1), 44–65.
- Copeland, Brian R. and M. Scott Taylor (1994), 'North–South trade and the global environment', *Quarterly Journal of Economics*, 109(3), 755–87.
- Corden, W. Max (1971), *The Theory of Protection*, Oxford: Clarendon Press.
- Corden, W. Max (1997), *Trade Policy and Economic Welfare*, 2nd edn, Oxford: Clarendon Press.
- Coxhead, Ian (1992), 'Environment-specific rates and biases of technical change in agriculture', *American Journal of Agricultural Economics*, 74(3), 592–604.
- Coxhead, Ian (1994), 'The welfare and distributional consequences of land degradation: an analytical framework', paper presented at the Annual Meeting of the American Agricultural Economics Association, San Diego, CA, 7–10 August.
- Coxhead, Ian (1997), 'Induced innovation and land degradation in developing countries', *Australian Journal of Agricultural and Resource Economics*, 41(3), 305–32.
- Coxhead, Ian (2000), 'The consequences of Philippine food self-sufficiency policies for economic welfare and agricultural land degradation', *World Development*, 28(1), 111–28.

- Coxhead, Ian and Sisira Jayasuriya (1986), 'Labour-shedding with falling real wages in the Philippines', *Asian Survey*, XXVI(10), 1056–66.
- Coxhead, Ian and Sisira Jayasuriya (1994), 'Technical change in agriculture and the rate of land degradation in developing countries: a general equilibrium analysis', *Land Economics*, 70(1), 20–37.
- Coxhead, Ian and Sisira Jayasuriya (1995), 'Trade and tax policies and the environment in developing countries', *American Journal of Agricultural Economics*, 77 (August), 631–44.
- Coxhead, Ian and Sisira Jayasuriya (2002), 'Economic growth, development policy and the environment in the Philippines', in H. Hill and A. Balisacan (eds) *The Philippine Economy: Development, Policies, and Challenges*, New York: Oxford University Press, and Quezon City, Philippines: Ateneo de Manila University Press (in press).
- Coxhead, Ian with Jiraporn Plangpraphan (1998), 'Thailand's economic boom and agricultural bust: some economic questions and policy puzzles', University of Wisconsin, Department of Agricultural and Applied Economics, Staff Paper Series no. 419, September.
- Coxhead, Ian and Jiraporn Plangpraphan (1999), 'Economic boom, financial bust, and the decline of Thai agriculture: was growth in the 1990s too fast?', *Chulalongkorn Journal of Economics*, 11(1), 76–96.
- Coxhead, Ian and Gerald Shively (1998), 'Some economic and environmental implications of technical progress in Philippine corn agriculture: an economy-wide perspective', *Journal of Agricultural Economics and Development*, XXVI(1/2), July, 60–90.
- Coxhead, Ian and Peter G. Warr (1995), 'Does technical progress in agriculture alleviate poverty? A Philippine case study', *Australian Journal of Agricultural Economics*, 39(1), 25–54.
- Coxhead, Ian, Agnes C. Rola and Kwansoo Kim (2001), 'How do national markets and price policies affect land use at the forest margin? Evidence from the Philippines', *Land Economics*, 77(2), 250–67.
- Coxhead, Ian, Gerald E. Shively and Xiaobing Shuai (2002), 'Development policies, resource constraints, and agricultural expansion on the Philippine land frontier', *Environment and Development Economics* 7, pp. 341–63.
- Cropper, M. and C. Griffiths (1994), 'The interaction of population growth and environmental quality', *American Economic Review*, 84(2), 250–4.
- Cropper, Maureen and Wallace E. Oates (1992), 'Environmental economics: a survey', *Journal of Economic Literature*, 30(2), 675–740.
- Cruz, M. Concepcion (2000), 'Population pressure, poverty and deforestation: Philippines case study', Washington, DC: World Bank (mimeo).
- Cruz, M.C. and R. Repetto (1992), *The Environmental Effects of Stabilization and Structural Adjustment Programs: The Philippines Case*, Washington, DC: World Resources Institute.

- Cruz, W. and H. Francisco (1993), 'Poverty, population pressure and deforestation in the Philippines', paper presented at a workshop on 'Economy-wide Policies and the Environment', World Bank, Washington, DC, 14–15 Dec.
- Cruz, W., H. Francisco and Z. Tapawan-Conway (1988), *The On-site and Downstream Costs of Soil Erosion*, Manila: Philippine Institute for Development Studies, PIDS Working Paper no. 88–11.
- Dasgupta, P. and K. Mäler (1995), 'Poverty, institutions and the natural resource base', in J. Behrman and T.N. Srinivasan (eds) *Handbook of Development Economics*, vol. 3A, Amsterdam: North-Holland, pp. 2371–408.
- David, Cristina C. and Jikun Huang (1996), 'Political economy of rice price protection in Asia', *Economic Development and Cultural Change*, 44(3), 463–83.
- David, Cristina C. and Keijiro Otsuka (eds) (1994), *Modern Rice Technology and Income Distribution in Asia*, Boulder, CO and London: Lynne Rienner; Los Baños, Philippines: International Rice Research Institute.
- David, Wilfrido P. (1988), 'Soil and water conservation planning: policy issues and recommendations', *Journal of Philippine Development*, 15(1), 47–84.
- Deacon, Robert (1995), 'Assessing the relationship between government policy and deforestation', *Journal of Environmental Economics and Management*, 28(1), 1–18.
- Dean, Judith (1999), 'Does trade liberalization harm the environment? A new test', manuscript, School of Advanced International Studies, Johns Hopkins University.
- Deardorff, A. (1999), 'Patterns of trade and growth across cones', Ann Arbor, MI: University of Michigan School of Public Policy, Research Seminar in International Economics, Discussion Paper no. 443.
- Department of Census and Statistics (1993), *Statistical Abstract*, Colombo, Sri Lanka: Department of Census and Statistics.
- Deutsch, W.D., A.L. Busby, J.L. Orprecio, J.P. Bago-Labis and E.Y. Cequiña (2001), 'Community-based water quality monitoring: from data collection to sustainable management of water resources', in I. Coxhead and G. Buenavista (eds) *Seeking Sustainability: Challenges of Agricultural Development and Environmental Management in a Philippine Watershed*, Los Baños, Philippines: PCARRD, pp. 138–60.
- Dixit, Avinash and Victor Norman (1980), *Theory of International Trade*, Cambridge: Cambridge University Press.
- Dixon, P.B. and B.R. Parmenter (1994), 'Computable general equilibrium modelling', Preliminary Working Paper no. IP-65, Melbourne: Centre of Policy Studies and the Impact Project, Monash University, July.

- Dixon, Peter, B.R. Parmenter, J. Sutton and D.P. Vincent (1982), *ORANI: A Multisectoral Model of the Australian Economy*, Amsterdam: North-Holland.
- Dixon, Peter B., Brian R. Parmenter, Alan A. Powell and Peter J. Wilcoxon (1992), *Notes and Problems in Applied General Equilibrium Analysis*, Amsterdam: North-Holland.
- Dollar, David (1992), 'Outward oriented developing economies really do grow more rapidly: evidence from 95 LDCs, 1976–85', *Economic Development and Cultural Change*, 40(3), 523–44.
- Doolette, John B. and William B. Magrath (eds) (1990), *Watershed Development in Asia: Strategies and Technologies*, Washington, DC: World Bank.
- Dornbusch, Rudiger (1974), 'Tariffs and non-traded goods', *Journal of International Economics*, 7, 177–85.
- Dunham, David and Saman Kalegama (1997), 'Does leadership matter in the economic reform process? Liberalization and governance in Sri Lanka, 1989–93', *World Development*, 25(2), 179–90.
- Edwards, C. (1993), *A Report on Protectionism and Trade Policy in Manufacturing and Agriculture in Sri Lanka*, prepared for submission to the World Bank and the Presidential Tariff Commission, Colombo: Institute of Policy Studies of Sri Lanka.
- Ethier, Wilfred E. (1982), 'Higher-dimensional issues in trade theory', in R.W. Jones and P.B. Kenen (eds) *Handbook of International Economics*, vol. 1, Amsterdam: North-Holland, pp. 131–84.
- Food and Agriculture Organization of the United Nations (FAO) (2000), *Land Resource Potential and Constraints at Regional and Country Levels*, Rome: FAO, World Soil Resources Report no. 90.
- Food and Agriculture Organization of the United Nations (FAO) (2001), *FAO Statistical Databases*, <http://apps.fao.org/>, accessed 2 May 2001.
- Fossati, Amedeo (1996), *Economic Modelling Under the Applied General Equilibrium Approach*, Aldershot, Hants., and Brookfield, VT: Avebury.
- Fredriksson, Per G. (1999), 'Trade, global policy and the environment', in Per G. Fredriksson (ed.) *Trade, Global Policy and the Environment*, Washington, DC: World Bank, pp. 1–12.
- Fujisaka, S., P. Sajise and R. del Castillo (eds) (1986), *Man, Agriculture and the Tropical Forest: Change and Development in the Philippine Uplands*, Bangkok: Winrock International.
- Fujita, M., P. Krugman and A.J. Venables (1999), *The Spatial Economy: Cities, Regions and International Trade*, Cambridge, MA: MIT Press.
- Fullerton, D. and G. Metcalf (1997), 'Environmental taxes and the double dividend: did you really expect something for nothing?', NBER Working Paper no. 6199, Cambridge, MA: National Bureau for Economic Research.

- Gamage, H. (1999), 'Land use in the hill country of Sri Lanka', in A. Chisholm, A. Ekanayake and S. Jayasuriya (eds) *Economic Policy Reforms and the Environment: Land Degradation in Sri Lanka*, Colombo: ACIAR and MPA/HA/PI/PA, pp. 16–77.
- Garrod, G.D. and K.G. Willis (1999), *Economic Valuation of the Environment: Methods and Case Studies*, Cheltenham, UK: Edward Elgar.
- Gérard, Françoise and François Ruf (2001), *Agriculture in Crisis: People, Commodities and Natural Resources in Indonesia, 1996–2000*, Montpellier, France: CIRAD, and Richmond, UK: Curzon.
- Gersovitz, Mark R. (1989), 'Transportation, state marketing, and the taxation of the agricultural hinterland', *Journal of Political Economy*, 97(5), October, 1113–37.
- Goulder, Lawrence H. (1995), 'Environmental taxation and the "double dividend": a reader's guide', *International Tax and Public Finance*, 2(2), 157–83.
- Goulder, Lawrence H., Ian W.H. Parry, Robertson C. Williams III and Dallas Burtraw (1998), 'The cost-effectiveness of alternative instruments for environmental protection in a second-best setting', NBER Working Paper no. 6464, Cambridge, MA: National Bureau for Economic Research.
- Greene, William H. (1993), *Econometric Analysis* (3rd edn), Englewood Cliffs, NJ: Prentice-Hall.
- Griffen, R.C. and D.W. Bromley (1982), 'Agricultural run-off as non-point externality', *American Journal of Agricultural Economics*, 64(3), 547–55.
- Grossman, G. and A.B. Krueger (1993), 'The environmental impacts of a North American free trade agreement', in P. Garber (ed.) *The U.S.–Mexico Free Trade Agreement*, Cambridge, MA: MIT Press, pp. 13–56.
- Grossman, G. and A.B. Krueger (1995), 'International trade and the environment', *Quarterly Journal of Economics*, 110(2), 353–77.
- Harrison, W. Jill and K.R. Pearson (1996), 'Computing solutions for large general equilibrium models using GEMPACK', *Computational Economics*, 9(2), 83–127.
- Hartman, R.S., M. Huq and D. Wheeler (1997), 'Why paper mills clean up: determinants of pollution abatement in developing countries', World Bank: Policy Research Department Working Paper no. 1710, http://www.worldbank.org/nipr/work_paper/1710/index.htm, accessed February 2002.
- Hayami, Yujiro and Masao Kikuchi (2001), *A Rice Village Saga: Three Decades of Green Revolution in a Philippine Village*, Lanham: Barnes and Noble; Los Baños, Philippines: International Rice Research Institute.

- Hefner, R.W. (1990), *The Political Economy of Mountain Java: An Interpretive History*, Berkeley, CA: University of California Press.
- Hettige, H., P. Martin, M. Singh and D. Wheeler (1995), 'IPPS: the Industrial Pollution Projection System', *Policy Research Department Working Paper*, Washington, DC: World Bank.
- Hyde, William F., Gregory S. Amacher and William Magrath (1996), 'Deforestation and forest land use: theory, evidence, and policy implications', *World Bank Research Observer*, 11(2), August, 223–48.
- Intal, Ponciano S. and John H. Power (1990), *Trade, Exchange Rate, and Agricultural Pricing Policies: The Philippines*, Washington, DC: World Bank.
- International Rice Research Institute (IRRI) (1991), *World Rice Statistics 1990*, Los Baños, Philippines: IRRI.
- International Rice Research Institute (IRRI) (2001), *Rice Facts*, <http://www.cgiar.org/irri/Facts.htm>, accessed 2 May 2001.
- IRRI (International Rice Research Institute) (1978), *Consequences of the New Rice Technology*, Los Baños, Philippines: International Rice Research Institute.
- Jayasuriya, Rohan (1998), 'Technological change and scarcity of soil in the tea sector of Sri Lanka', Unpublished PhD thesis, La Trobe University, Melbourne, Australia.
- Jayasuriya, Sisira (2001), 'Agriculture and deforestation in tropical Asia: an analytical framework', in A. Angelsen and D. Kaimovitz (eds) *Agricultural Technologies and Tropical Deforestation*, Wallingford: CABI International, pp. 317–34.
- Jayasuriya, S. and R.T. Shand (1986), 'Technical change and labour absorption in Asian agriculture: some emerging trends', *World Development*, 14(3), 415–28.
- Jewell, N. and C.A. Legg (1994), 'A remote sensing GIS data base for forest management and monitoring in Sri Lanka', in Simon T.D Turner and Roger White (eds) *Geographical Information Systems for Natural Resource Management Systems in South East Asia*, Environment and Forest Conservation Division, Mahaweli Authority, Sri Lanka.
- Jha, Raghendra and John Whalley (1999), 'The environmental regime in developing countries', NBER Working Paper no. 7305, Cambridge, MA: National Bureau for Economic Research.
- Jones, R.W. (1965), 'The structure of simple general equilibrium models', *Journal of Political Economy*, 73, 557–72.
- Jones, Ronald W. (1971), 'A three-factor model in theory, trade and history', in J.N. Bhagwati, R.W. Jones, R.A. Mundell and J. Vanek (eds) *Trade, Balance of Payments, and Growth: Essays in Honor of Charles P. Kindleberger*, Amsterdam: North-Holland, pp. 3–21.

- Jorgenson, Dale W. (1998), *Growth*, vol. 2, *Energy, the Environment, and Economic Growth*, Cambridge and London: MIT Press.
- Keyfitz, Nathan (1965), 'Indonesian population and the European industrial revolution', *Asian Survey*, 5(10), 503–14.
- Kanok, Khatikarn and Peter G. Warr (1995), 'Protection, regional agriculture and income distribution in Thailand', *Chulalongkorn Journal of Economics*, 7(2), 151–73.
- Kikuchi, M. and Y. Hayami (1983), 'New rice technology, intrarural migration, and institutional innovation in the Philippines', *Population and Development Review*, 9(2), 247–57.
- King, Benjamin (1981), *What is a SAM? A Layman's Guide to Social Accounting Matrices*, World Bank Staff Working Papers no. 463, Washington, DC: World Bank.
- Kneese, A.V. and J.L. Sweeney (eds) (1985), *Handbook of Natural Resource and Energy Economics*, Vols 1 and 2, Amsterdam: North-Holland.
- Krishnarajah, P. (1985), 'Soil erosion control measures for tea land in Sri Lanka', *Sri Lanka Journal of Tea Science*, 54(1), 91–100.
- Krueger, Anne O., Maurice Schiff and Alberto Valdés (1988), 'Agricultural incentives in developing countries: measuring the effect of sectoral and economy-wide policies', *World Bank Economic Review*, 2(3), 255–71.
- Krueger, Anne O., Maurice Schiff and Alberto Valdés (1991), *The Political Economy of Agricultural Pricing Policy*, Baltimore, MD: Johns Hopkins University Press for the World Bank.
- Kummer, David (1992), *Deforestation in the Post-war Philippines*, Chicago: University of Chicago Press.
- Lamberte, M.B., G.M. Llanto and A.C. Orbeta, Jr (1992), 'Micro impacts of macro adjustment policies (MIMAP): phase II integrative report', Philippine Institute of Development Studies Working Paper no. 92–13, Manila.
- Land Commission (1987), *Report of the Land Commission*, Colombo: Government of Sri Lanka.
- Lantican, F.A. and L.J. Unnevehr (1987), 'Rice pricing and marketing policy', in UPLB Agricultural Policy Working Group, *Policy Issues in the Philippine Rice Economy and Agricultural Trade*, College, Laguna: University of the Philippines at Los Baños, Centre for Policy and Development Studies, pp. 31–72.
- Leamer, Edward E. (1987), 'Paths of development in the three-factor, n -good general equilibrium model', *Journal of Political Economy*, 95(5), 961–99.
- Levine, Ross and David Renelt (1992), 'A sensitivity analysis of cross-country growth regressions', *American Economic Review*, 82(4), 942–63.
- Levinson, Arik (1997), 'A note on environmental federalism: interpreting

- some contradictory results', *Journal of Environmental Economics and Management*, 33(3), 359–66.
- Lewis, Martin W. (1992), *Wagering the Land: Ritual, Capital, and Environmental Degradation in the Cordillera of Northern Luzon, 1900–1986*, Berkeley, CA: University of California Press.
- Lin, Justin Yifu and Fan Zhang (1998), 'The effects of China's rural policies on the sustainability of agriculture in China', paper prepared for the 11th Biannual Workshop on Economy and Environment in Southeast Asia, Singapore, 10–13 November 1998, at www.eepsea.org/publications/special/ACF348.html, accessed December 2001.
- Lindert, Peter H. (1999), 'The bad earth? China's soils and agricultural development since the 1930s', *Economic Development and Cultural Change*, 47(4), 701–36.
- Lindert, Peter H. (2000), *Shifting Ground: The Changing Agricultural Soils of China and Indonesia*, Cambridge and London: MIT Press.
- Lipton, M. with Richard Longhurst (1989), *New Seeds and Poor People*, London: Unwin Hyman.
- Lopez, Ramon and Mario Niklitschek (1991), 'Dual economic growth in poor tropical areas', *Journal of Development Economics*, 36(2), 189–211.
- Lutz, E. (1994), *Natural Resources Accounting*, Washington, DC: World Bank.
- McConnell, K.E. (1983), 'An economic model of soil conservation', *American Journal of Agricultural Economics*, 65(1), February, 83–9.
- Malayang, Ben S. (1993), 'Laguna Lake Basin: cauldron of opportunities and conflicts. A review of the institutional and policy structures of the Laguna Lake Basin', in Peter Sly (ed.) *Laguna Lake Basin, Philippines: Problems and Opportunities*, Los Baños, Philippines: University of the Philippines, and Dalhousie University, Canada: Environment and Resource Management Program.
- Manthritilleke, H.M. (1999a), 'Land use changes and soil erosion: a hydrological perspective', in A. Chisholm, A. Ekanayake and S. Jayasuriya (eds) *Economic Policy Reforms and the Environment: Land Degradation in Sri Lanka*, Colombo: ACIAR and MPA/HA/PI/PA, pp. 414–35.
- Manthritilleke, H.M. (1999b), 'Hydrological impact of land use changes', in A. Chisholm, A. Ekanayake and S. Jayasuriya (eds) *Economic Policy Reforms and the Environment: Land Degradation in Sri Lanka*, Colombo: ACIAR and MPA/HA/PI/PA, pp. 370–88.
- Martin, Will (2001), 'Trade policies, developing countries and globalization', background paper for World Bank, *Globalization, Growth and Poverty: Building an Inclusive World Economy*, New York and Washington, DC: Oxford University Press and the World Bank.
- Martin, Will and Peter G. Warr (1994), 'Determinants of agriculture's relative decline: Thailand', *Agricultural Economics*, 11, 219–35.

- Matthews, Emily (2001), 'Understanding the FRA 2000', *Forest Briefing No. 1*, World Resources Institute, March, www.wri.org/pdf/fra2000.pdf.
- Medalla, E.M., G.R. Tecson, R.M. Bautista and J.H. Power (1985), *Philippine Trade and Industrial Policies: Catching Up With Asia's Tigers*, Manila: Philippine Institute for Development Studies.
- Mendoza, Meyra S. and Mark W. Rosegrant (1995), *Pricing Behavior in Philippine Corn Markets: Implications for Market Efficiency*, Washington, DC: International Food Policy Research Institute, Research Report 101.
- Metrick, Andrew and Martin L. Weitzman (1998), 'Conflicts and choices in biodiversity preservation', *Journal of Economic Perspectives*, 12(3), Summer, 21–34.
- Midmore, D., T.M. Nissen and D.D. Poudel (2001), 'Making a living out of agriculture: some reflections on vegetable production systems in the Manupali watershed', in I. Coxhead and G. Buenavista (eds) *Seeking Sustainability: Challenges of Agricultural Development and Environmental Management in a Philippine Watershed*, Los Baños, Philippines: PCARRD, pp. 94–111.
- Ministry of Plantation Industries (1994), *Plantation Sector Statistical Pocket Book*, Colombo, Sri Lanka: Ministry of Plantation Industries.
- Molnar, Augusta (1990), 'Land tenure issues in watershed development', in John B. Doolette and William B. Magrath (eds) *Watershed Development in Asia: Strategies and Technologies*, Washington, DC: World Bank, pp. 131–58.
- Munasinghe, M. and W. Cruz (1995), *Economy-wide Policies and the Environment: Lessons from Experience*, Washington, DC: World Bank, Environment Department Paper no.10.
- NRAP (Natural Resources Accounting Project) (1991), *The Philippine Natural Resources Accounting Project*, Quezon City: NRAP (mimeo).
- NSCB (National Statistical and Coordination Board) (1995), *Philippine Statistical Yearbook 1995*, Manila: NSCB.
- National Statistics Office [of the Philippines] (1981), *Census of Agriculture 1980*, Manila: NSO.
- Neary, J.P. and K.W.S. Roberts (1980), 'The theory of household behavior under rationing', *European Economic Review*, 13(1), 25–42.
- Newbery, D. and J. Stiglitz (1981), *The Theory of Commodity Price Stabilization*, Oxford: Clarendon Press.
- Oates, Wallace E. and Robert Schwab (1988), 'Economic competition among jurisdictions: efficiency enhancing or distortion inducing?', *Journal of Public Economics*, 35(3), 333–54.
- Office of Agricultural Economics (1991), *Agricultural Statistics of Thailand, Crop Year 1990–91*, Bangkok: Ministry of Agriculture.
- Paderanga, C. (1986), 'A review of land settlement policies in the

- Philippines, 1900–1975', *School of Economics Discussion Paper No. 8613*, Manila: University of the Philippines.
- Pagulayan, A.C. Jr (1998), 'Philippines', in Asian Productivity Organization (ed.) *Agricultural Price Policy in Asia and the Pacific*, Tokyo: Asian Productivity Organization, pp. 265–78.
- Panayotou, Theodore (1993), *Green Markets: The Economics of Sustainable Development*, San Francisco, CA: ICS Press.
- Papageorgiou, D., M. Michaely and A.M. Choski (eds) (1991), *Liberalizing Foreign Trade*, Oxford, UK, and Cambridge, MA: Basil Blackwell.
- Pearson, A. and M. Munasinghe (1995), 'Natural resource management and economy wide policies in Costa Rica: a computable general equilibrium (CGE) modeling approach', *World Bank Economic Review*, 9(2), May, 259–86.
- Persson, Torsten and Guido Tabellini (1994), 'Is inequality harmful for growth?', *American Economic Review*, 84(3), 600–21.
- Philippine Department of Agriculture (1990), *Philippine Agricultural Development Plan 1991–1995*, Manila: Philippine Department of Agriculture.
- Pimentel, D., C. Harvey, P. Resosudarmo, K. Sinclair, D. Kurz, M. Mcnair, S. Crist, L. Shpritz, L. Fitton, R. Saffouri and R. Blair (1995), 'Environmental and economic costs of soil erosion and conservation benefits', *Science*, 267, 1117–23.
- Pingali, P. (1997), 'Agriculture–environment interactions in the Southeast Asian humid tropics', in S. Vosti and T. Reardon (eds) *Sustainability, Growth and Poverty Alleviation: A Policy and Agroecological Perspective*, Baltimore, MD: Johns Hopkins University Press for the International Food Policy Research Institute, pp. 208–28.
- Punyasavatsut, Chaiyuth and Ian Coxhead (2000), 'Structural change and the relative decline of agriculture: a decomposition analysis for Thailand', University of Wisconsin and Thammasat University, (mimeo).
- Repetto, Robert (1989), 'Economic incentives for sustainable production', in Gunter Schramm and Jeremy J. Warford (eds) *Environmental Management and Economic Development*, Washington, DC: World Bank.
- Repetto, Robert and Malcolm Gillis (1988), *Public Policy and the Misuse of Forest Resources*, Cambridge: Cambridge University Press.
- Repetto, Robert, William Magrath, Michael Wells, Christie Beer and Fabrizio Rossini (1989), *Wasting Assets: Natural Resources in the National Income Accounts*, Washington, DC: World Resources Institute.
- Republic of the Philippines (1998), *The Philippine National Development Plan: Directions for the 21st Century*, Manila: Republic of the Philippines.

- Ribaudo, M.O. (1989), *Water Quality Benefits from the Conservation Reserve Program*, US Department of Agriculture, Economic Research Service, Agricultural Economics Report no. 606.
- Roche, Frederick (1988), 'Java's critical uplands: is sustainable development possible?', *Food Research Institute Studies*, XXI (1), 1–43.
- Rodrik, D. (1995), 'Trade and industrial policy reform', in Jere Behrman and T.N. Srinivasan (eds) *Handbook of Development Economics*, vol. 111B, Amsterdam: North-Holland.
- Rola, A.C. and I. Coxhead (2002), 'Does non-farm job growth encourage or retard soil conservation in Philippine uplands?', *Philippine Journal of Development*, in press.
- Rola, Agnes C. and Prabhu L. Pingali (1993), *Pesticides, Rice Productivity and Farmers' Health: An Economic Assessment*, Los Baños, Philippines: International Rice Research Institute and Washington, DC: World Resources Institute.
- Rudel, Thomas K. (2001), 'Did a green revolution restore the forests of the American South?', in A. Angelsen and D. Kaimowitz (eds) *Agricultural Technologies and Tropical Deforestation*, Wallingford, Oxon: CAB International, pp. 53–68.
- Salas, R. (1987), *The World of Rafael Salas: Service and Management in the Global Village*, Manila: Solar Publishing Corporation.
- Samarappuli, I.N., A. Ekanayake, I. Samarappuli and N. Yogaratnam (1999), 'Modelling the effect of land degradation on yield of rubber', in A. Chisholm, A. Ekanayake and S. Jayasuriya (eds) *Economic Policy Reforms and the Environment: Land Degradation in Sri Lanka*, Colombo: ACIAR and MPA/HA/PI/PA, pp. 314–34.
- Samarasinghe, S.N.R. de A. (1999), 'Land degradation: impact on road systems', in A. Chisholm, A. Ekanayake and S. Jayasuriya (eds) *Economic Policy Reforms and the Environment: Land Degradation in Sri Lanka*, Colombo: ACIAR and MPA/HA/PI/PA, pp. 345–69.
- Samaratunga, P.A. (1996), 'Optimal replacement of long-lived crops grown on erosive soils with an application to the tea sector of Sri Lanka', Occasional Paper no. 24, School of Agriculture, La Trobe University, Melbourne.
- Sandmo, Agnar (2000), *The Public Economics of the Environment*, Oxford: Oxford University Press.
- Schiff, Maurice and Alberto Valdés (1991), *The Political Economy of Agricultural Pricing Policy*, vol. 4: *A Synthesis of the Economics in Developing Countries*, Baltimore, MD: Johns Hopkins University Press for the World Bank.
- Schweithelm, J. and D. Glover (1999), 'Causes and impacts of the fires', in D. Glover and T. Jessup (eds) *Indonesia's Fires and Haze: The Cost of*

- Catastrophe*, Singapore: Institute for Southeast Asian Studies, and Canada: International Development Research Center, pp. 1–13.
- Selden, T. and D. Song (1994), 'Neoclassical growth, the J-curve for abatement, and the inverted U curve for pollution', *Journal of Environmental Economics and Management*, 27(2), 162–8.
- Shafik, Nemat (1994), 'Economic development and environmental quality: an econometric analysis', *Oxford Economic Papers*, 46(4), 757–73.
- Shafik, Nemat and S. Bhandyopadhyay (1992), *Economic Growth and Environmental Quality: Time Series and Cross-Country Evidence*, World Bank Policy Research Working Paper no. WPS 904, Washington, DC: World Bank.
- Shah, J. and T. Nagpal (eds) (1997), *Urban Air Quality Management in Asia: Metro Manila Report*, World Bank Technical Paper No. 380, Washington, DC: World Bank.
- Shively, Gerald E. (1997), 'Impact of contour hedgerows on upland maize yields in the Philippines', *Agroforestry Systems*, 39(1), 59–71.
- Shively, Gerald E. (1998), 'Economic policies and the environment: the case of tree planting on low-income farms in the Philippines', *Environment and Development Economics*, 3(1), 83–104.
- Shively, Gerald E. (1999), 'Risks and returns from soil conservation: evidence from low-income farms in the Philippines', *Agricultural Economics*, 21(1), 53–67.
- Shively, Gerald E. (2000), 'Conducting economic policy analysis at a landscape scale: an optimization-simulation approach with examples from the agricultural economy of a Philippine watershed', manuscript, Purdue University, at <http://www.agecon.purdue.edu/staff/shively/manupali>, accessed March 2002.
- Shoven, J. and J. Whalley (1984), 'Applied general equilibrium models of taxation and international trade: an introduction and survey', *Journal of Economic Literature*, XXII, September, 1007–51.
- Siamwalla, Ammar (1996), 'Thai agriculture: from engine of growth to sunset status', *TDRI Quarterly Review*, 11(4), 3–10.
- Siamwalla, Ammar and Suthad Setboonsarng (1989), *Trade, Exchange Rates and Agricultural Pricing Policies in Thailand*, Washington, DC: World Bank.
- Siamwalla, Ammar and Suthad Setboonsarng (1990), *Trade, Exchange Rates and Agricultural Pricing Policies in Thailand*, Washington, DC: World Bank, World Bank Comparative Studies: The Political Economy of Agricultural Pricing Policy.
- Siamwalla, Ammar, Direk Patmasiriwat and Suthad Setboonsarng (1987), *Productivity and Competitiveness in Thai Agriculture*, Bangkok: Thailand Development Research Institute, 1987 TDRI Year-end Conference.

- Silvapulle, Param and Sisira Jayasuriya (1994), 'Testing for Philippines rice market integration: a multiple cointegration approach', *Journal of Agricultural Economics*, 45(3), September, 369–80.
- Simpson, R. David, Roger A. Sedjo and John W. Reid (1996), 'Valuing biodiversity for use in pharmaceutical research', *Journal of Political Economy*, 104, 163–85.
- Somaratne, W.G. (1998), 'Policy reforms and the environment: a general equilibrium analysis of land degradation in Sri Lanka', Unpublished PhD thesis, La Trobe University.
- Sri Lanka, Government of (1987), *Report of the Land Commission*, Sessional Paper no. 111-1990, Colombo.
- Sri Lanka, Government of (1995), *Policy Statement by Her Excellency Chandrika Bandaranaike Kumaratunga, President of the Democratic Socialist Republic of Sri Lanka*, Colombo.
- Stern, D.I., M.S. Common and E.B. Barbier (1996), 'Economic growth and environmental degradation: the environmental Kuznets curve and sustainable development', *World Development*, 24(7), 1151–60.
- Stocking, M.A. (1992), 'Soil erosion in the upper Mahaweli catchment, Sri Lanka', Environment and Forestry Division, Mahaweli Authority of Sri Lanka, Colombo.
- Strutt, Anna and Kym Anderson (2000), 'Will trade liberalization harm the environment? The case of Indonesia to 2020', *Environmental and Resource Economics*, 17(3), 203–32.
- TDRI (Thailand Development Research Institute) (1994), *Assessment of Sustainable Highland Agricultural Systems*, Bangkok: Thailand Development Research Institute.
- Timmer, C. Peter (1986), *Getting Prices Right: The Scope and Limits of Agricultural Price Policies*, Ithaca, New York: Cornell University Press.
- Timmer, C. Peter (1988), 'The agricultural transformation', in H.B. Chenery and T.N. Srinivasan (eds) *Handbook of Development Economics Vol. I*, Amsterdam: North-Holland, pp. 275–332.
- Townsend, Blair and Ravi Ratnayake (2000), *Trade Liberalisation and the Environment: A Computable General Equilibrium Analysis*, Singapore and River Edge, NJ: World Scientific Publishing Co.
- Tropical Science Centre and World Resources Institute (1991), *Accounts Overdue: Natural Resource Depreciation in Costa Rica*, Washington, DC: World Resources Institute.
- Ulph, Alistair M. (1999), 'International trade and the environment: a survey of recent economic analysis', in A.M. Ulph, *Trade and the Environment: Selected Essays of Alistair M. Ulph*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar, pp. 3–42.

- United Nations (1999), *The State of the World Population 1999*, at <http://www.unfpa.org/swp/1999/thestate.htm>, accessed 1 May 2000.
- Varian, Hal R. (1992), *Microeconomic Analysis*, 3rd edition, New York: Norton.
- Vennemo, Harkkon (1997), 'A dynamic applied general equilibrium model with environmental feedbacks', *Economic Modelling*, 14(1), 99–154.
- Vincent, Jeffrey R., Rozali Mohammed Ali and Associates (1997), *Environment and Development in a Resource-rich Economy: Malaysia Under the New Economic Policy*, Cambridge, MA: Harvard Institute for International Development, and Kuala Lumpur: Institute of Strategic and International Studies.
- Vousden, Neil (1990), *The Economics of Trade Protection*, New York: Cambridge University Press.
- Warford, J.J. (1989), 'Environmental policy and economic policy in developing countries', in Gunter Schramm and Jeremy Warford (eds) *Environmental Management and Economic Development*, Washington, DC: World Bank, pp. 7–22.
- Warr, P.G. and Ian Coxhead (1993), 'The distributional impact of technical change in Philippine agriculture: a general equilibrium analysis', *Food Research Institute Studies*, XXII(3), 253–74.
- White, Kenneth (1993), *SHAZAM, Version 7*, Vancouver: Department of Economics, University of British Columbia.
- Wiersum, K.F. (ed.) (1984), *Strategies and Designs for Afforestation, Reforestation and Tree Planting*, Proceedings of an international symposium on the occasion of 100 years of forestry education and research in the Netherlands, Wageningen, 19–23 September 1983, Wageningen: Pudoc.
- Wijeratne, D.G.D.C. (1999), 'Land degradation: impacts on hydropower', in A. Chisholm, A. Ekanayake and S. Jayasuriya (eds) *Economic Policy Reforms and the Environment: Land Degradation in Sri Lanka*, Colombo: ACIAR and MPA/HA/PI/PA, pp. 335–44.
- Williams, Jeffrey C. and Brian D. Wright (1991), *Storage and Commodity Markets*, Cambridge, UK and New York: Cambridge University Press.
- Woodland, A. (1982), *International Trade and Resource Allocation*, Amsterdam: North-Holland.
- World Bank (1989), *Philippines Natural Resource Management Study*, Washington, DC: World Bank.
- World Bank (1990), *Indonesia: Sustainable Development of Forests, Land, and Water*, Washington, DC: World Bank.
- World Bank (1992), *The Philippines: Public Sector Resource Mobilization and Expenditure Management*, Washington, DC: World Bank, Country Economic Report no. 10056-PH.

- World Bank (1993), *The East Asian Miracle*, Washington, DC: Oxford University Press for the World Bank.
- World Bank (2000a), *World Development Indicators 2000*, Washington, DC: World Bank.
- World Bank (2000b), *Greening Industry: New Roles for Communities, Markets and Governments*, Washington, DC: World Bank.
- World Bank (2001a), *Thailand: Environmental Monitor*, <http://www.worldbank.or.th/environment/index.html>, accessed April 2002.
- World Bank (2001b), *Globalization, Growth and Poverty: Building an Inclusive World Economy*, New York and Washington, DC: Oxford University Press and World Bank.
- World Bank (various years), *World Development Report*, Washington, DC: Oxford University Press for the World Bank.
- World Commission on Environment and Development (WCED) (1987), *Our Common Future*, Oxford and New York: Oxford University Press.
- World Resources Institute (WRI) (1989), *Wasting Assets: Natural Resources in the National Income Accounts*, Washington, DC: WRI.
- World Resources Institute (WRI) (2000), *World Resources 1998–99*, Washington, DC: WRI.
- World Trade Organization (WTO) (1999a), *Philippines: Trade Policy Review*, www.wto.org, accessed December 2001.
- World Trade Organization (WTO) (1999b), *Thailand: Trade Policy Review*, www.wto.org, accessed December 2001.
- Zhang, Zhong Xiang (1998), *The Economics of Energy Policy in China: Implications for Global Climate Change*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar.