

DR. ANANTHA DURAIAPPAH
IMPORTANT PUBLICATIONS & PRESENTATIONS

Books Published

- Duraiappah, A.K and others. Ecology, Economy and Society: essays in honor of Kanchan Chopra. Springer, New Delhi, India. Forthcoming 2017.
- Duraiappah, A.K and others., The Inclusive Wealth Report 2014, IHDP-UNU and UNEP, Cambridge. University Press, 2014
- Duraiappah, A.K and others., The Inclusive Wealth Report 2012, IHDP-UNU and UNEP, Cambridge. University Press, 2012
- Duraiappah, A.K et.al., Satoyama-Satoumi Ecosystems and Human Well-being, United Nations University Press, Tokyo 2012
- Duraiappah, A.K and Shahid Naeem et.al., Millennium Ecosystem Assessment., Biodiversity and Human Well-being: Synthesis report of the Millennium Ecosystem Assessment, World Resource Institute, 2005.
- Duraiappah and others, Millennium Ecosystem Assessment., Ecosystems and Human Well-being: Synthesis report of the Millennium Ecosystem Assessment, Island Press, 2005.
- Duraiappah, A.K., Computational Models in the Economics of Environment and Development, Dordrecht, Holland: Kluwer Academic Publishers, Environmental Series, 2003.
- Duraiappah, A.K., There is a Better Way, A schematic illustration of "Development as Freedom", Mazingira, Kenya, 2003.
- Duraiappah, A.K., Global Warming and Economic Development: A Holistic Approach to International Policy Cooperation and Coordination, Dordrecht, Holland: Kluwer Academic Publishers, 1993. (Translated into Japanese 1995)

Chapters in Books

- Duraiappah. A.K. The Inclusive Wealth Index: Measuring the Sustainability of the Sustainable Development Goals in Ecology, Economy and Society: essays in honor of Kanchan Chopra. Springer, New Delhi, India. Forthcoming in 2017
- Duraiappah.A.K. Linking Science and Policy: Using the Crowd in the Cloud in Global Change, Ecosystems, Sustainability, edited by P.Mukhopadhyay et.al. Sage Publishers, New Delhi, India. Forthcoming 2017
- Duraiappah, A.K., The Intergovernmental Platform on Biodiversity and Ecosystem Services: Strengthening the science-policy interface, forthcoming in Nunes, P, P.Kumar and T.Dedeurwaerdere, Economics of Biodiversity and Ecosystem Services, Edward Elger, 2013
- Dasgupta, Partha and Anantha Duraiappah, Wealth and Well-being in The Inclusive Wealth Report 2012, UNU-IHDP and UNEP, Cambridge University Press, 2012
- Duraiappah, A.K and others, Governing the Provision of Ecosystem Services in Studies in Ecological Economics, Springer Verlag, 2012
- Duraiappah A.K with others in, The Economics of Ecosystem Services, in Naeem et.al, Biodiversity and Human Impacts. Cambridge University Press, 2010
- Duraiappah, A.K with others in, Valuation of Ecosystem Services, in Naeem et.al, Biodiversity and Human Impacts. Cambridge University Press, 2010
- Duraiappah A.K in, Operationazing Capabilities in a Segmented Society, in Alkire et.al, The Capability Approach: Concepts, Measures and Applications. Cambridge: Cambridge University Press, 2008
- Duraiappah, A.K, Poverty and the Environment, in Economics of Environment and Development by Kumar,P et.al, 2007
- Duraiappah and others, Millennium Ecosystem Assessment., Ecosystems and Human Wellbeing, Island Press, 2003

Peer Reviewed Articles

- Duraiappah,A.K. Linking Science and Policy: Usingthe crowd in the Clouds in Global Change, Ecosystems, Sustainability: Theory, Methods, Practise. Springer. 2017
- Duraiappah, A.K and others How to measure Sustainable Progress, SCIENCE 2015
- Duraiappah, A.K and others. Managing the mismatches to provide ecosystem services for human well-being: a conceptual framework for understanding the New Commons, Current Opinion in Environmental Sustainability, 2014. 7, pg94-100.

- Duraipapp, A.K and others., Managing Biodiversity is about people, 2013. UNEP/CBD/SBSTA/17/INF1
- Duraipapp,A.K and others., Outcome of an informal expert workshop on main issues relating to the development of a conceptual framework for the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. 2013. IPBES/1/INF/9
- Duraipapp.A.K and others., Multi-scale and cross-scale assessments of coupled social-ecological systems in special issue on ecosystem services, Current Opinion in Environmental Sustainability, 2012.
- Duraipapp, A.K., and Elom Darkey. Socioeconomic ecological production landscapes, natural capital and the inclusive wealth of Japan, Global Environmental Research,2012. Vol 16, No2
- Duraipapp, A.K and P.Munoz. The Inclusive Wealth Indicator: A Tool for the United Nations, Environment and Development Economics, Cambridge University Press, 2012
- Deborah, R and A.K. Duraipapp et.al., A Vision for human well-being: transition to social sustainability, Current Opinion in Environmental Sustainability, Vol 4, Issue 1, 2012
- Duraipapp A.K and others. Pillars for a flourishing earth: planetary boundaries, economic growth delusion and green economy, Current Opinion in Environmental Sustainability, Vol4, Issue 1, 2012.
- Duraipapp and others. 2012. Biodiversity and ecosystem services science for a sustainable planet: the DIVERSITAS vision for 2012-20. Current Opinion in Environmental Sustainability, 4, 101-105
- Duraipapp, A.K and others. 2012 The evolution of natural and social science interactions in global change research programs", Proceedings of the National Academy of Science (PNAS).
- Duraipapp, A.K and Rogers, D. The Intergovernmental Platform on Biodiversity and Ecosystem Services: opportunities for the social sciences, Innovation: The European journal of social science research, Routledge, 2011.
- Duraipapp A.K and others, IPBES, Science, 2011
- Duraipapp, A.K, Ecosystems services and human well-being: Do global findings make sense, Bioscience, 2011
- Duraipapp, Unai Pasqual and others, 2010, Exploring the links between equity and efficiency in payments for environmental services: A conceptual approach, Ecological Economics Vol 69
- Duraipapp and others in Carpenter et.al, Science for Managing Ecosystem Services: Beyond the Millennium Ecosystem Assessment, Proceedings of the National Academy of Sciences, (PNAS), 2009
- Duraipapp, Swallow and others, Trade-offs, Synergies and Traps among ecosystem services in the Lake Victoria Basin of east Africa, Environmental science and Policy, Elsevier 2008.
- Duraipapp, Usman Ali Iftikhar and others, Exploring the inter-linkages among and between Compensation and Rewards for Ecosystem Services (CRES) and human well-being, ICRAF Working Paper 36, 2007
- Duraipapp, A.K, Putting the right price on Nature: Environmental Economics. SciDevNet, 2006
- Duraipapp, A.K. et.al., "An Economic Approach for Evaluating Health-Environment Linkages," WHO/UNEP, 2005.
- Amman, H and A.K. Duraipapp, "Land Tenure and Conflict Resolution: A Game Theoretic Approach in the Narok District in Kenya," in Environment and Development Economics, Cambridge University Press, 2004.
- A.K. Duraipapp, De Olivera, and G. Shepherd, "Increasing Capabilities through an Ecosystem Approach for Drylands," The Global Drylands Initiative, UNDP, 2003.
- Duraipapp, A.K., "Poverty and Ecosystems: A Conceptual Framework," UNEP, 2002.
- Duraipapp, A.K. and H.Amman, "Modeling Instrumental Rationality," Computational Economics, 2002.
- Duraipapp, A.K., "Sectoral Dynamics and Natural Resource Management," Journal of Economic Dynamics and Control, 2002.
- Duraipapp, A.K., X. Zhou, and P. Beukering, "Issues in Production, Recycling and International Trade: Analyzing the Chinese Plastic Sector using an Optimal Cradle to Grave (OCG) model," Environment and Development Economics, 2002.
- Duraipapp, A.K. (special issue editor), "Computational Techniques in the Field of Environmental Economics," Computational Economics, 2001.
- Duraipapp, A.K., "Solving Non-Linear Integrated Ecological-Economic Models using GAMS," Computational Economics, 2001.
- P. Beukering and A.K. Duraipapp, "The Economic and Environmental Impacts of Waste Paper Trade and Recycling," Journal of Industrial Ecology, 1998.
- Duraipapp, A.K., "Poverty and Environmental Degradation: Investigation of the Nexus," World Development, Vol. 26, no.12, 1998.
- Duraipapp, A.K., "Control and Game-Theoretic Models of the Environment. Book Review, Journal of Economic Dynamic and Control, vol..21, 1997.

- Duraiappah, A.K., X. Zhou, and P. Beukering, "The Plastic Sector in China: Issues in Production, Recycling and International Trade," CREED Working Paper no.27.
- Duraiappah, A.K. and J.Perkins, "Sustainable Livestock Management in the Kalahari," CREED Working Paper no.23, 1998.
- P. Beukering and A.K. Duraiappah, "The Economic and Environmental Impacts of Waste Paper Trade and Recycling in India: A Material Balance Approach," CREED Working Paper Series, no.10, 1996.
- Duraiappah, A.K., G. Ikiara, W. Nyangena, M. Manundu and R. Singhae, "The Poverty-Environmental Degradation Nexus: A Case Study of the Narok District, Kenya," CREED Working Paper.
- Duraiappah, A.K., and A. Israngkura, Optimal Shrimp Management in Thailand: An Integrated Inter-Temporal and Spatial Planning Model," TDRI Working Paper.
- Duraiappah, A.K., "Poverty and Environmental Degradation: A Literature Review and Analysis," CREED Working Paper Series, no. 8., 1996.
- Duraiappah, A.K., "GAMS: A Stylistic Approach to Economic Modeling," Journal of Computer Science in Economics and Management, 4:303-309, 1991.
- Duraiappah, A.K, "Trade-Related Subsidies - Bridging the North-South Divide", IISD, 2003.
- Duraiappah, A.K., "ESCAPE: An Ecosystem-Capability Augmentation Poverty Eradication Approach," UNEP, 2002.
- P. Beukering and A.K. Duraiappah, "Impacts of Waste Paper Imports on Indian Paper Recycling Sector," Productivity, vol..37, no. 4, 1997.
- P. Beukering and A.K. Duraiappah, "International Trade & Recycling in Developing Countries: Waste Paper in India," Warner Bulletin, 52, 1997.
- Duraiappah, A.K., "Review on the Socioeconomics of the Bamboo & Rattan Sector in Southeast Asia," INBAR Working Paper Series, no.1, 1994.
- Duraiappah, A.K., "Investment in Clean Technology: An Exercise in Methodology," in Contributions to Training in Environmental Economics in the Asia-Pacific Region, John Hay and Basil Sharp (eds.). United Nations Environmental Programme, NETLAP Publication No.6, 1993.
- Duraiappah, A.K., "Global Climate Change Policies: Economic and Political Feasibility," Report to Directorate General XI-B-4 of the Commission of the European Community, May 1992

Presentations

- Symposium on Sustainability Science: Presentation on The New Commons. United Nations University and the University of Tokyo, Tokyo. January 2014.
- Key Note lecture at Kyoto University on The New Commons and the Inclusive Wealth Report. Kyoto. January 2014.
- Key Note Lecture. Kyushu University. Launch of the new institute on Decisions Sciences for Sustainability.
- Key Note Lecture at the Annual conference of the Indian Society for Ecological Economics, Guwahati, India. December 2013.
- Presentation on the Inclusive Wealth Report, at the Africa High Level meeting on economic valuation and management of ecosystem services, Nairobi, December 2013.
- Invited by IUCN to give a key note on the role of the behavioral sciences and help design a research and implementation plan for the management of biodiversity and ecosystem services, Geneva, November 2013.
- Presentation of the Inclusive Wealth Report at the Intergovernmental High Level meeting of the Asia region countries, UNESCAP, Bangkok, October 2013.
- Invited by UNESCO to give a plenary presentation on the Inclusive Wealth Index in the Sustainability Science Symposium, Paris, October 2013.
- Presentation on the Inclusive Wealth Report at the invitation of the Ministry of Environment, Republic of Korea, Seoul. September 2013.
- Invited by the Government of Norway and the Convention on Biological Diversity(CBD) to make a presentation of the Inclusive Wealth Report at the international Trondheim Conference, Norway, June 2013.
- Invited by the United States Global Change Research Program (USGCRP) to give a presentation on, "The role and Future of Social Sciences for Global Change", Washington D.C. April 2013
- Presentation on the "Role of Social Sciences" at the World Metrological Organization (WMO) Intergovernmental High Level Meeting on National Drought Policy, March 2013.
- Presentation at the World Academy of Arts and Science, "Impact of Science and Technology on Society and Economy", Trieste, Italy. March 2013
- Invited by the United Nations University and the University of Tokyo to male a plenary presentation on the Inclusive Wealth Index in the Sustainability Science Symposium, January 2013.

- Invitation by UNESCO to present key note lecture at the "Towards a Sufficiency Economy: a New Ethical Paradigm for Sustainability" symposium, Paris, 2012,
- Integrated Assessments and Behavioral Change, invited roundtable and dinner discussion with His Royal Highness, the Prince of Wales, St. James Palace, London, England 2012
- The Inclusive Wealth report, Stockholm Seminar Series, Swedish Academy of Sciences, Stockholm, Sweden, 2012
- The Inclusive Wealth Report: Prospects for Developing Countries, Science Secretariat, Prime Ministers Office, Malaysia, 2012
- The Sustainability Development Goals: Framing and design, Planet under Pressure, London, 2012
- Empirical evidence for a research agenda for sustainability science, Berlin Conference on the Human Dimensions of Global Environment Change, Berlin, 2012
- Japan after the Tsunami, Lecture on the New Commons, GEA International Symposium, Tokyo, Japan 2011
- The Social Sciences framing of Global Environmental Change, Japan Science Council, Kyoto 2011
- The Green Economy: The Emperors New clothes, Professorial Key Note Lecture, Beijing Normal University, 2011
- Unpacking the Social Sciences for Global Environmental Change, Key Note Lecture at UNESCO, MOST Intergovernmental meeting, Paris 2011
- Valuing Nature: The Satoyama Renaissance, Japan Science Council, Key Note lecture, Kanazawa, Japan, 2010
- Food Security and Biofuels: Two Worlds One Planet, G8 Dialogue, United Nations University, Tokyo, June 2008
- Poverty and Ecosystem Services: Lessons from the Millennium Ecosystem Assessment, 2nd Commonwealth Parliamentarians Conference, New Delhi, India, 2007.
- Valuation and Trade-offs across ecosystem services and Human Development, The Economics of Ecosystems and Biodiversity, European Union, Brussels, 2007
- Biodiversity and Ecosystem Services: Global Public Goods and Global Justice, Invited to present paper at The International Conference in Kyoto: Ethics, Economics and Law: "Against Injustice, October 2005
- Ecological Surety as a critical Freedom for Human Development, invited to present paper at the Cortona Colloquia -
- "A Multi-Voiced Dialogue on Global Society", August 2005.
- Capability-Ecosystem Service framework to the environmental Policy branch at CIDA, January 2005
- Capability-Ecosystem Service framework to the Institute for Economic Growth, University of New Delhi and the Indian Social Science Research Council, March 2005.
- UNEP Conceptual Framework on Poverty and Ecosystems to national policymakers in Mauritania, Mali, and Kenya, 2002 and 2005
- UNEP Conceptual Framework to the 7th Conference of Parties of the CBD in Kuala Lumpur Malaysia, 2004
- Organized workshop on "Poverty Alleviation and Sustainable Development" for senior policymakers of the Canadian International Development Agency (CIDA), January 2001. Presented paper on "Alleviating Poverty: Five Decades of Under-Achievement."
- Paper on the OLR (Optimal Livestock Rangeland) Model to the Department of Agriculture in Botswana followed by a presentation in ILRI, Nairobi, June 1998.
- Invited by Center of Policy Studies (Monash), University of Wollongong, University of New South Wales, and ABARE (Canberra) to present paper on ecological-economic modeling, May 1994.
- "Investment in Clean Methodology: An exercise in Methodology," at the United Nations Environment Programme
- Conference on Environmental Training at Tertiary Level in Asia and the Pacific, Singapore, 1993.
- "Global Warming and Economic Development: Policy Responses and International Coordination," at the United States Department of Agriculture, Economic Research Service, July 1991.
- "Global Warming and Economic Development: A Holistic Approach," at the Conference of the society of Economic Dynamics and Control in Italy, 1991
- Lecture on Passive Learning Control Algorithms in an optimal control workshop conducted at the Indira Gandhi Institute in Bombay, India, 1988