

Contributors

Abdeladhim Mohamed Arbi is a junior researcher at the Institute of Arid Regions (IRA) of Medenine. He is a PhD student in economics at the faculty of Economics and Management, University of Sfax, Tunisia. His research interest involves natural resource use and management, integrated impacts assessment of policies and climate change.

Irina Bezlepkina is a researcher at LEI (Agricultural Economics Research Institute), part of Wageningen UR, Netherlands with a PhD in Agricultural Economics from Wageningen University. Her background is in micro-economic modelling. She is currently a research partner and task leader in interdisciplinary EU projects on assessing responses of agricultural systems to (land use) policies. Her research interests range from micro-economic analysis of natural resource use to applying modelling methods in integrated impact assessments with focus on scaling issues and model linkages.

Muriel Bonin is a researcher at CIRAD (Agricultural Research for Development), Montpellier, France, in a joint research unit on territory, environment, remote sensing and spatial information (TETIS). She has a background in agronomy and a PhD in Geography. Her research topics focus on renewal of agricultural systems from territorialization of public action, integration/removal of multifunctionality and environmental services in agricultural policies.

Floor Brouwer is Senior Research Scholar at the Environment, Nature and Landscape unit at LEI Wageningen UR, Netherlands, with a PhD in Economics. Research topics include options for greening the CAP (nationally and at EU level), and on the economics of different land managers in rural areas (agriculture, forest owners, nature organizations, provincial and local organizations). He has published widely, including a co-edited volume, *Multifunctional Rural Land Management: Economics and Policies* (Earthscan, 2009). In 2009 he served as a member of the Task Force on Public Goods from Private Land, chaired by Professor Allan Buckwell.

Marcel Bursztyn is a social economist, MSc in Urban and Regional Planning, Doctor in Social and Economic Development and Doctor in Economics. He held the Giorgio Ruffolo Chair in Sustainability Science

at Harvard University. He is a professor in the Center for Sustainable Development at the University of Brasília, Brazil, and has over 30 years' experience, including extensive work in the design and evaluation of environmental projects in the Brazilian Amazon and northeast regions. His most recent book, as co-editor, is *L'Amazonie, un Demi-siècle Après la Colonization* (Editions Quae, 2010).

Le Chen is a researcher at the Agricultural Economic Research Institute (LEI), part of Wageningen University and Research Centre, Netherlands. She has a PhD in Agricultural Economics with special focus on the agricultural market, policy evaluation, and household models in developing countries. She is also very interested in subjects related to impact assessment, natural resources (especially land), climate change, sustainable development, and China's impact in Africa.

Youssouf Cissé is a researcher at the Institute for Rural Economy (IER) in Mali, with an MSc in Agricultural Economics from Ahmadu Bello University, Zaria, Nigeria (Farm Management and Production Economics) and from Michigan State University, Lansing, MI, USA (Foods and Agricultural Marketing). His PhD from the University of Bamako, Mali, focused on the economics of irrigated tree and forage productions in the Office du Niger. He has extensive experience with interdisciplinary research in a feasibility study of various rural development projects in Mali and in the sub-region of West Africa. He is currently a researcher at IER in the Subsector Economic Program, acting as the coordinator of several projects in Mali.

Emilie Coudel is a junior researcher at CIRAD (Agricultural Research for Development), Montpellier, France. Her doctoral research in rural economics dealt with learning for territorial development, based on the example of Farmer University in Brazil. She spent two years in Brazil accompanying the farmers in their projects after they left the Farmer University. Using organizational learning theory, she analyses how these actors have become empowered to participate in territorial governance. She is currently working on environmental services delivered by small-scale farmers in the Amazon region.

Syarifah Aini Dalimunthe is a researcher at the Department of Environmental Geography, Gadjah Mada University, Yogyakarta, Indonesia. She has a background in coastal and watershed management and planning, and experience with interdisciplinary research projects. She is interested in research on land use change and land use conflict. She is currently involved in several livelihood programmes for disaster risk reduction.

Nathan Debortoli is a PhD student at the Center for Sustainable Development in the University of Brasília and a researcher at the Climate Network (*Rede Clima*) in Brazil. He has an interdisciplinary background in climatology, geography, ecology and tourism management. Since 2007 he has been working in projects which encompass land use, sustainable development, public policies, and climate change modelling within the Amazon region.

Nur Indah Sari Dewi is a researcher at the Department of Environmental Geography, Gadjah Mada University, Yogyakarta, Indonesia. Her background is in environmental science and soil sciences. She is very interested in environmental research, geomorphology and land use change. She is currently involved in disaster management projects.

Shuyi Feng is a Professor at the College of Public Administration, Nanjing Agricultural University, China. Feng received her PhD in Development Economics from Wageningen University. She has extensive experience with interdisciplinary research, and her research interests encompass rural institutions, rural factor markets and sustainable natural resource use and management. Feng has published in a variety of international and national peer-reviewed journals and books.

Louis N. Gachimbi (24 October, 1958–19 January, 2012) has an MSc in Land and Water Management from the University of Nairobi, Kenya. Gachimbi is currently a deputy in Kenya's National Environment Management Authority. He was until January 2010 a principal scientist in Kenya Agricultural Research Institute (KARI). He has participated in several national and regional natural resource management multidisciplinary projects with special focus on soil fertility research and agricultural development, particularly participatory land use analysis, sustainable land management and technology transfer. Gachimbi has published in a variety of international and national scientific journals and books.

Patrick Gicheru is Centre Director of The National Agricultural Research Laboratories of Kenya Agricultural Research Institute and holds a PhD in Land and Water Management. He has extensive research experience in natural resource management focusing on sustainable land management and environmental impacts on agricultural land use spanning over 25 years. His current research focuses on land and water management, linking it with natural resource management and land use planning. Currently he is Chair (2011–2014) of the Sub-committee on Land Degradation in the International Union of Soil Science.

Houcine Jeder is an economist and member of the Laboratory of Economy

and Rural Society team of the Institute of Arid Regions of Medenine, Tunisia. His research focuses on the economics of natural resources and the environment. Jeder is also a member of the Tunisian team in the LUPIS project.

Sham Kashyap is trained in computer science and agricultural economics and currently works for the Government of Karnataka, India, as Panchayat Development Officer. Kashyap previously worked at the Ashoka Trust for Research in Ecology and the Environment (ATREE) as a senior research associate.

Hannes König is a scientist at the Leibniz Centre for Agriculture Landscape Research (ZALF), Germany, holding a Diploma in Forest Engineering and an MSc in Tropical Agriculture from the University of Göttingen, Germany. He is specialized in forest ecology and the socioeconomics of rural development, in particular in terms of impact assessment. His current research focuses on multifunctional land use and sustainability assessment. His PhD concerns developing and testing participatory impact assessment tools for a selected number of developing countries.

Diego Lindoso is a biologist and has an MSc in Sustainable Development. He is a PhD student in sustainable development at the Center for Sustainable Development at the University of Brasília, Brazil. He is interested in subjects related to land use, land use change, integrated assessment systems and climate change. He is currently working with the vulnerability and adaptation of small farmers to climate change within Brazilian Amazon, cerrado (savanna shrublands) and semi-arid regions.

Xianlei Ma is an Associate Professor at the College of Public Administration, Nanjing Agricultural University, China. Ma received his PhD in Land Resource Management from Nanjing Agricultural University. He has extensive experience with interdisciplinary research, and his research interests involve rural land institutions, agricultural production and rural development. Ma has published in a variety of international and national journals and books.

Desmond McNeill is a Professor, and former Director, at the Centre for Development and the Environment, University of Oslo, Norway. He is a political economist and leads the centre's research area Governance for Sustainable Development. He has been engaged in the development field since 1969, including working as an adviser or consultant in over 15 countries in Africa, Asia and Latin America. His books include: *The Contradictions of Foreign Aid* (Croom Helm, 1981); *Global Sustainable Development in the 21st Century* (Edinburgh University Press, 2000);

Development Issues in Global Governance: Public–Private Partnerships and Market Multilateralism (Routledge, 2007).

Stella Nabwile Makokha is a researcher with the Kenya Agricultural Research Institute, Nairobi, Kenya. She received her PhD from the University of Nairobi, Kenya, in 2006. Her work has focused around technology adoption, market access and policy issues. She has vast experience in formal household surveys and participatory rural appraisals, and has conducted research within multidisciplinary teams, looking at socio-economic issues in natural resource management. She has been invited by various national organizations as a consultant providing socio-economic input.

Ingrid Nesheim is a researcher at the Centre for Development and the Environment, University of Oslo, Norway, with a PhD in Vegetation Ecology. Nesheim's research interests involve natural resource use and management, stakeholder participation and impact assessments. She has extensive experience with interdisciplinary research in various research projects involving fieldwork from rural areas in the tropics; her perspective encompasses both environmental and social science. Nesheim has published in several international peer-reviewed journals and books.

Nina Novira is a researcher in the Department of Environmental Geography, Gadjah Mada University, Yogyakarta, Indonesia. With a background in physical geography, she has developed an interest in studies on environmental issues. She is experienced in various fields of research such as forestry, agriculture and urban ecology.

Nadia Ounalli is a PhD student in Agricultural Economics at the Arid Land Institute, Médenine, Tunisia. Her research domain is in natural resource management and agricultural development policies, and she participates in socio-economic investigations addressing women's issues. She is a member of the Laboratory of Economics and Rural Society team at the Institute of Arid Regions. Her PhD thesis concerns agricultural development policies in the arid zones of Tunisia.

Sheetal Patil is a researcher with Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore, India, working in the Ecological Economics Unit. With formal training in engineering and computer applications, she has a current interest in research in agricultural sustainability and its drivers at micro level.

Seema Purushothaman is a Fellow with the Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore, India, with a doctorate in Forest Economics and Management. She works in the Land, Water

and Livelihoods programme at ATREE. She has been in the field of ecological economics since 1990. The pharmaceutical value of tropical forests is among her early interests, followed by land use dynamics in forest peripheries and sustainability in production landscapes. Her current interests include framing agrarian and institutional theories around ecosystem services for and from socio-ecological landscapes.

Futian Qu holds a PhD in Economics and is a Professor at Nanjing Agricultural University, China. He is the Head of the China Centre for Land Policy Research at Nanjing Agricultural University. His research covers land policy, sustainable land use and natural resource management. His research has been published in many professional journals, such as the *China Economic Review*, *Land Use Policy* and *Agricultural Systems*, and in Chinese journals.

Triana Sefti Rahayu is a researcher at the Department of Environmental Geography, Gadjah Mada University, Yogyakarta, Indonesia. She has a background in watershed management and planning with experience in surface water management. She is also qualified in surface water quality. She is interested in urban water management.

Pytrik Reidsma is a researcher at the Plant Production Systems Group, Wageningen University and Research Centre, Netherlands. She has a background in environmental sciences. She has expertise in analysis and assessment of impacts of climate change and adaptation in agricultural systems. She is currently working in interdisciplinary and international projects aiming at integrated assessment of impacts of policies, climate change, markets and technological development on land use and sustainable development, both in Europe and in developing countries.

Saulo Rodrigues-Filho is a Professor and Director of the Center for Sustainable Development at the University of Brasília, Brazil, and has a PhD in Environmental Science from the University of Heidelberg (1999, Cum Laude), Germany. He has a Master's in Geochemistry from Fluminense Federal University, Niterói, Brazil (1993) and a background in geology from the State University of Rio de Janeiro, Brazil (1986). He has extensive experience in coordinating interdisciplinary research projects. His research interests are related to land use change, indicators of sustainability and climate change.

Johannes Schuler works as a research associate at the Institute of Socioeconomics, Leibniz-Centre for Agricultural Landscape Research (ZALF), in Müncheberg, Germany, focusing on farm and resource economics. His research interests are on the economic and environmental

effects of agro-environmental policies on farms and on a regional scale. He studied agricultural economics at the Christian Albrechts University in Kiel, Germany and fulfilled his PhD requirements at the Hohenheim University, Germany in 2008.

Mongi Sghaier is Director of Research and a specialist in agricultural and natural resources and environmental economics at the Arid Land Institute, Medenine, Tunisia. He currently leads the institute's research team: 'Laboratory of Economics and Rural Society in arid regions, LESOR' and 'the extension services' in the Arid Land Institute, Médenine, Tunisia. He is taking part in several programmes and international projects in the field of natural resource management and local development, such as the European projects DESURVEY, LUPIS and DESIRE. He has worked as an expert for various national and international organizations including the FAO, GTZ and OSS.

Xiaoping Shi holds a PhD in Development Economics and is a Professor at the College of Public Administration (College of Land Management) and research fellow in the China Centre for Land Policy Research of Nanjing Agricultural University, China. His research covers development economics and resource and environmental economics. He is involved in projects dealing with economic policy reforms, land degradation and sustainable land use in rural China, and he has worked on the impact of off-farm employment on sustainable land use in southeast China for several years. His research has been published in several professional journals.

Jean-Philippe Tonneau is a Professor and senior researcher in agronomy and geography at CIRAD (Agricultural Research for Developing Countries), Montpellier, France. He is Director of the TETIS Research Unit on spatial information. His research includes agrarian systems, regional development and territorial governance. His recent work focuses on the participatory dimension and partnerships in innovation processes, and he has worked in arid areas in Africa and Brazil. He is currently a lecturer in the Department of Economics, Social Studies and Management at SupAgro Montpellier.

René Verburg is a researcher at the Environment, Nature and Landscape unit at LEI Wageningen UR, Netherlands. He is an ecologist working on the interplay between natural science and economics on issues of climate change, nature and landscape management and greening of the CAP. He has published a variety of papers and reports on those issues and is currently involved at the Dutch Environmental Assessment Agency (PBL) on outlooks (surveys), where he carries out cost-benefit analyses and nature policy assessments.

Joachim von Braun is an applied and agricultural economist. He is Director of the Center for Development Research (ZEF), Bonn University, Germany and Professor for Economic and Technological Change. His main research interests are in economic development and policy, food and nutrition security, trade, science and technology policy. He was Director General of the International Food Policy Research Institute (IFPRI) based in Washington, DC from 2002 to 2009. He serves on the boards of publishers of journals, as well as international advisory bodies of research and policy organizations. From 2000 to 2003 he was President of the International Association of Agricultural Economists (IAAE); he is a member of the Academy of North Rhine Westphalia, and Fellow of the American Association for the Advancement of Sciences.

Jane W. Wamuongo is a researcher at the Kenya Agricultural Research Institute (KARI), Nairobi, Kenya. She is an agronomist by training, with a wealth of experience in soil and water management and plant nutrition. Currently she is the Assistant Director in charge of Natural Resource Management at KARI where she coordinates research in: integrated soil fertility management; soil and water management; land use planning; irrigation, drainage and management of problem soils; and environmental research including climate change issues.

Aditya Pandu Wicaksono is a researcher in the Department of Environmental Geography, Gadjah Mada University, Yogyakarta, Indonesia. Wicaksono has a background in environmental science and he is interested in karst and carbon studies. Besides this, he is also involved in various research projects on groundwater, surface water, and disaster management.