

## Contributors

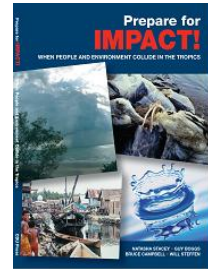
**Mr Abdurohman** is a PhD scholar at the Arndt-Corden Division of Economics, Research School of Pacific and Asian Studies, Australian National University, Canberra. He received a Bachelor of Economics from Gadjah Mada University, Yogyakarta in 1995. He was a research assistant at the Center for National Development Planning Research at that university until he joined the Ministry of Finance in 1997. In 2003, he received a Master of Science in economic policy from the University of Illinois, USA. He was head of the Division of Subsidy at the Fiscal Policy Office (FPO) when he received a scholarship to advance his studies towards a PhD. He is currently working on fiscal policy issues.

**Ms Rachel Armstrong** is a PhD candidate at the Institute for Sustainability and Technology Policy at Murdoch University in Perth. Over the past few years she has collaborated with Joe Morrison and Peter Yu at the North Australia Indigenous Land and Sea Management Alliance, researching and writing about the connections between Indigenous land and sea management and sustainability in North Australia.

**Dr Guy Boggs** is a senior lecturer for the School of Environment and Life Sciences at Charles Darwin University in Darwin. His research has focussed on the application of spatial technologies for analysing patterns in geomorphology, hydrology and landscape ecology. His research history includes projects examining spatial patterns of vegetation change in the context of changed fire, climate and land use patterns. Dr Boggs has worked on a range of projects in Australia, Africa, the Middle East and Southeast Asia that have used GIS and remote sensing to analyse landscape change, including vegetation change, gully erosion spread and changed fire regimes, as well as the integration of GIS/RS with hydrological, geomorphological and ecological models.

**Professor David Bowman** is Professor of Forest Ecology in the School of Plant Science at the University of Tasmania in Hobart. He was formerly leader of the Wildlife and Landscape Science Theme in the School for Environmental Research at Charles Darwin University, Darwin. He is also an adjunct professor at the Centre for Resource and Environmental Studies at the Australian National University, Canberra. His research investigates the evolution of Australian landscapes in response to climatic change, varying fire regimes, the introduction of large vertebrate herbivores and the impacts of contemporary and prehistoric management.

**Professor Barry Brook** is the Sir Hubert Wilkins Chair of Climate Change and Director of the Research Institute for Climate Change and Sustainability at the University of Adelaide. He was formerly a Professorial Research Fellow at Charles Darwin University. He has received multiple grants from the Australian Research Council to conduct conservation-related research, is an editor of *Ecological Research* and the *Raffles Bulletin of Zoology*, and has recently spent time as a Visiting Professor at Kyoto University. In 2006 he won the Australian Academy of Science Fenner Medal for distinguished research in biology.



**Professor Stuart Bunn** is the Director of the Australian Rivers Institute at Griffith University, Brisbane. He is also currently the Deputy Chair of the Scientific Expert Panel for the Moreton Bay Waterways and Catchments Partnership, a member of the Scientific Advisory Panel for the Lake Eyre Basin Ministerial Council and a member of the Scientific Steering Committee for the Global Water System Project. His major research interests are in the ecology of river and wetland systems, with a particular focus on ecosystem processes.

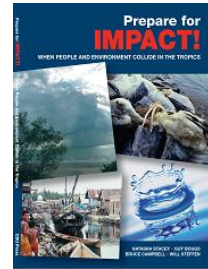
**Professor Bruce Campbell** is Director of the Forests and Livelihoods Program with the Centre for International Forestry Research and Adjunct Professorial Fellow with the School for Environmental Research at Charles Darwin University, Darwin. Through his work he also leads an international group of 40 researchers located in ten developing countries. The primary focus of his work is on the role of natural resource management in poverty reduction and in empowering local people.

**Professor Anthony Cunningham** is an ethnoecologist working on links between natural resources, local livelihoods and conservation. He has worked globally in habitats from desert to tropical rainforest. His primary research interest is the link between people and conservation, centred on the resource values of natural resources to people and conflicts between conservation areas and local communities. His work through Charles Darwin University is supported by the Desert Knowledge CRC.

**Ms Diane Davies** is Principal Investigator on the NASA-funded project, Fire Information for Resource Management System (FIRMS), at the University of Maryland, Virginia. Her research interests are improving the use and uptake of satellite-derived information for natural resource management.

**Professor Stephen Garnett** is Director of the School for Environmental Research at Charles Darwin University, Darwin. He is an environmental scientist with an interest in the knowledge needed to live sustainably in the tropics and in the application of tropical knowledge for the purpose of improving livelihoods and conservation outcomes. He is also recognised for research on conservation management, particularly of threatened species.

**Professor Rolf Gerritsen** is currently a Research Leader, Central Australia in the School for Social Policy Research, Institute of Advanced Studies, at Charles Darwin University, Alice Springs. He has taught at various universities, including a decade at the Australian National University in the Graduate Program in Public Policy. He has also worked as a ministerial staffer and ran his own research consultancy for a number of years. Between 2002 and 2006, he was Director Social/Economic Policy in the Chief Minister's Department in Darwin.



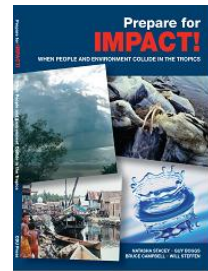
**Mr Tony Griffiths** is a Senior Scientist with the Biodiversity Conservation Division, NT Department of Natural Resources, Environment and The Arts, Darwin. He is an applied ecologist with expertise in natural resource management in northern Australia. His research has included assessing and monitoring biodiversity in protected areas and mine sites. His current research interests include assessing and monitoring the impact of wild harvest for Indigenous livelihoods, and population dynamics of small mammals and reptiles.

**Mr Joe Morrison** is the Executive Officer of the North Australian Indigenous Land and Sea Management Alliance (NAILSMA) and Co-Theme Leader within the CRC Tropical Savannas Management based in Darwin. He has spent the last decade working with remote communities throughout the Top End of the Northern Territory and more recently across north Australia to develop local action and capacity to lead 'Caring for Country' initiatives. He is currently a member of two committees that advise the Federal Environment Minister in relation to Indigenous issues and biodiversity arising under the *Environmental Protection and Biodiversity Conservation Act*.

**Assistant Professor Helene C. Muller-Landau** is a McKnight Land-Grant Professor in the Department of Ecology, Evolution and Behavior at the University of Minnesota, Minneapolis. She heads the carbon dynamics working group of the Center for Tropical Forest Science at the Smithsonian Tropical Research Institute, and was recently awarded a Packard Fellowship in Science and Engineering. Her research combines theoretical and empirical approaches to plant community ecology, with a particular focus on the patterns, causes and consequences of tropical forest diversity, structure and dynamics.

**Mr Ditya Agung Nurdianto** graduated in 2001 from California State University in Los Angeles with a Bachelor of Arts. He majored in economics and minored in world politics. Mr Nurdianto received a Master of Economic Science from the University of Indonesia in 2003. He was a lecturer at the Faculty of Economics, University of Indonesia, until he joined the Department of Foreign Affairs of the Republic of Indonesia in 2004. He was Head of Section for Trade, Directorate of ASEAN Economic Cooperation, when he took study leave to pursue a PhD in economics at the Australian National University in 2007. His interests range from international trade and integration to energy and environmental issues. Mr Nurdianto is currently working on a computable general equilibrium model for ASEAN.

**Mr Carlos Portillo-Quintero** is a biologist currently pursuing PhD studies at the Department of Earth and Atmospheric Sciences of the University of Alberta, Canada. He specializes in the application of geographic information systems and remote optical sensing for conservation biogeography. His work and research spans from the development of techniques for detecting physical disturbances in tropical forest fragments, to the setting of forest conservation priorities in Venezuela and the understanding of continental patterns in Neotropical Dry Forest conservation status.

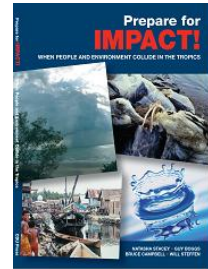


**Doctor Budy P. Resosudarmo** is a Fellow at the Economics Division of the Research School of Pacific and Asian Studies, Australian National University, Canberra. His research interests include determining the economy-wide impact of environmental policies, analysing the impact of fiscal decentralisation on regional economies and understanding the political economy of natural resource utilization. He has published papers in scientific journals such as *Economic Record*, *Ecological Economics*, *Oxford Development Studies* and the *Bulletin of Indonesian Economic Studies*. In 2009, he co-edited a book *Working with Nature against Poverty: Development, Resources and the Environment in Eastern Indonesia* published by the ISEAS-Singapore. Before joining ANU, he was a lecturer at the Graduate Program in Economics, University of Indonesia, as well as a researcher at the Indonesian Agency for the Assessment and Application of Technology. Resosudarmo received his PhD degree in development economics from Cornell University.

**Professor Arturo Sanchez-Azofeifa** undertakes research related to the study of impacts of land use/cover change (LUCC) on biodiversity loss and habitat fragmentation in tropical dry forest environments. Dr Sanchez-Azofeifa is currently a Professor at the Department of Earth and Atmospheric Sciences at the University of Alberta, Canada. His research uses remote sensing and Geographic Information Systems to: 1) evaluate the effectiveness of protected areas (National Parks and Biological Reserves); 2) evaluate payment of Environmental Services schemes to control tropical deforestation in Mesoamerica; and 3) characterize the growth dynamics of tropical forests using Lidar and hyperspectral remote sensing. His research also involves the study of theoretical linkages between remote sensing (multispectral and hyperspectral) and the spectro-temporal dynamics of Leaf Area Index (LAI), Primary Productivity (PP), Photosynthetic Active Radiation (PAR) and Beta-diversity in tropical secondary and primary dry forests of the Americas.

**Associate Professor Navjot S. Sodhi** is an Associate Professor at the National University of Singapore, holds an associate position at Harvard and is associate editor of *Conservation Biology*, the *Auk*, *Biotropica*, *Ornithological Science* and *Ecological Research*. He has been studying the effects of rainforest loss and degradation on Southeast Asian fauna for the past 11 years.

**Doctor Leena Srivastava** is currently the Executive Director of the Energy and Resources Institute (TERI), New Delhi and Dean of the Faculty of Policy and Planning in TERI University. She is on the editorial boards of various international journals dealing with energy and environment issues. Dr Srivastava was a Coordinating Lead Author on Working Group III of the Third Assessment Report of the IPCC and is currently the Anchor for Sustainable Development and Climate Change for the Fourth Assessment Report.



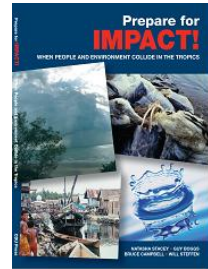
**Doctor Natasha Stacey** is Senior Research Fellow/Program Coordinator for the School for Environmental Research, Institute of Advanced Studies at Charles Darwin University, Darwin. Her current research interests include alternative livelihoods for maritime-orientated populations of eastern Indonesia and community-based natural resource management in the Asia-Pacific region. She recently published a book on Indonesian traditional fishing activity in Australian waters. Prior to working for CDU, she was the Community Assessment and Participation Specialist on the Pacific International Waters Project based at the headquarters of the Pacific Regional Environment Program in Samoa.

**Professor Will Steffen** is Executive Director of the Climate Change Institute at the Australian National University, Canberra. He was previously the Director of the Centre for Resource and Environmental Studies (ANU) and, from 1998 to 2004, was Executive Director of the International Geosphere-Biosphere Program (IGBP), headquartered in Stockholm, Sweden. His research interests span a broad range within the field of Earth System science, with a special emphasis on terrestrial ecosystem interactions with global change, the global carbon cycle, incorporation of human processes in Earth System modeling and analysis, and on adaptation to global change, particularly in relation to agriculture.

**Associate Professor Simon Tay** teaches international law at the National University of Singapore. He is Chairman of the Singapore Institute of International Affairs and Chairman of the National Environment Agency. He is a Harvard Law School Fulbright Scholar and Laylin prize recipient for the best thesis in international law. In 2002, he was awarded an Eisenhower Fellowship, one of Singapore's first non-governmental recipients of this award.

**Doctor Meryl Williams** FTSE chairs the Board of Management and is President of the Policy Advisory Council of the Australian Centre for International Agricultural Research. She is a member of the Scientific Steering Committee of the Census of Marine Life, chairs the FAO Advisory Committee on Fisheries Research and is a Fellow of the Academy of Technological Science and Engineering. She has been involved in fisheries research since 1977, including leading the World Fish Center from 1994-2004. Her research has involved biometrics in fisheries research and the analysis of catch and industry statistics, eradicating poverty, improving people's nutrition and reducing pressure on the environment.

**Doctor S. Joseph Wright** is a Senior Scientist with the Smithsonian Tropical Research Institute in the Republic of Panama. Dr Wright has published more than 150 scientific articles and three books and served as President of the Association for Tropical Biology and Conservation from 2003 to 2005. Her areas of expertise include the ecology of plants and plant-animal interactions in a tropical forest setting and the conservation of tropical forests.



**Mr Peter Yu** is a Yawuru Man from Broome in Western Australia. He has 30 years experience working in Aboriginal communities, predominantly in the Kimberley. He is a consultant working in the area of Aboriginal public policy. He was recently appointed as the Chair of the NT Emergency Response Review Board. He is currently a key negotiator on behalf of his community, the Yawuru native title holders, with the WA Government seeking a global settlement on the Yawuru native title rights and interest in and around the town of Broome. He works as a Director the Halls Creek Better Life Project, overseeing the strategic investment in housing, infrastructure and social development in Halls Creek by the WA Government. He was the Chair of the WA Aboriginal Housing Board, past Chair of the North Australian Indigenous Land and Sea Management Alliance (NAILSMA) and previously Executive Director of the Kimberley Land Council. He has been instrumental in the development of community-based regional organisations in the Kimberleys and an advocate for the social, cultural and economic wellbeing of Kimberley Aboriginal communities.