
Contributors

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Professor Stephen Dovers is Director of the Fenner School of Environment and Society, Australian National University, and an ANU Public Policy Fellow. His research and teaching interests are in environmental policy and institutions, climate adaptation, and disaster management. Among his more than two hundred research publications are the books *Institutional Change for Sustainable Development* (Edward Elgar 2004, with R. Connor), *Environment and Sustainability Policy* (Federation Press 2005), and *The Handbook of Disaster and Emergency Policies and Institutions* (Earthscan 2007, with J. Handmer).

Tonya R. Haigh is a rural sociologist with the National Drought Mitigation Center (NDMC), located at the University of Nebraska-Lincoln. She has worked with Great Plains ranchers and range advisors to develop Managing Drought Risk on the Ranch, an online drought planning and management resource located at www.drought.unl.edu/ranchplan. She has also coordinated sustainable agriculture education and advocacy efforts throughout the northern Great Plains. Her research interests include climate-related adaptive capacity for agriculture and rural communities and the role of climate information technology and dissemination in increasing adaptive capacity.

Dr Michael J. Hayes is currently the Director for the National Drought Mitigation Center (NDMC) and Professor in the School of Natural Resources at the University of Nebraska-Lincoln. He became the NDMC's director in August 2007 and has worked at the NDMC since 1995. The NDMC now has 16 faculty and staff working on local, tribal, state, national, and international drought-, climate-, and water-related issues. Dr Hayes's main interests deal with drought monitoring, planning, and mitigation strategies. Dr Hayes received a bachelors degree in meteorology from the University of Wisconsin-Madison, and his masters and doctoral degrees in atmospheric sciences from the University of Missouri-Columbia.

Dr Peter Hayman is the principal scientist in climate applications at the South Australian Research and Development Institute (SARDI) based at the Waite Institute, a position he has held since May 2004. Prior to moving to

Adelaide he was coordinator of climate applications for NSW Agriculture. He is an agricultural scientist with an interest in applying climate information to dryland and irrigated farming systems with a recent focus on impacts and adaptation to climate change in the irrigated wine grape industry and low rainfall grains industry. In 2010 Peter Hayman was appointed part of the leadership group of the Primary Industries Adaptation Research Network hosted by Melbourne University and funded by the National Climate Change Adaptation Research Facility.

The Honourable **John Kerin**, AM, is an economist and former politician who is chair of the Crawford Fund, which promotes and funds international research and development activities involving Australian researchers. He was elected to the Australian Parliament in 1972 and was Minister for Primary Industries (1983–1991), Transport (1991), and Trade and Overseas Development (1992–1993) and was Treasurer (1991). Before his election to the federal Parliament he worked at the Australian Bureau of Agricultural and Resource Economics. Since leaving politics he has served on a number of agricultural and natural resources research organisation boards, including the CSIRO.

Dr Cody L. Knutson is a Research Associate Professor with the National Drought Mitigation Center (NDMC) at the University of Nebraska-Lincoln. At the NDMC, he is the leader of the Planning and Social Science Program Area. Since 1997, his primary role has been helping individuals, communities, tribes, states, and national governments prepare for and respond to drought. Dr Knutson's specialty is investigating how regions and activities are vulnerable to drought and collaborating with stakeholders to develop strategies to reduce drought's negative effects. Dr Knutson has served on subcommittees of the US Western Governor's Association's Western Drought Coordination Council, US National Drought Policy Commission, and the United Nations International Strategy for Disaster Reduction's Drought Advisory Group.

Chad A. McNutt is the National Integrated Drought Information System (NIDIS) deputy program manager and is based at the National Oceanic and Atmospheric Administration's Earth System Research Laboratory, 325 Broadway, R/PSD, Boulder, Colorado, 80305; e-mail: chad.mcnutt@noaa.gov. He is currently coleading (along with L. Darby) the NIDIS Apalachicola-Chattahoochee-Flint River Basin NIDIS Pilot.

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assessing social and environmental vulnerability; and designing climate services to meet information needs in water resources, ecosystems, disasters, and agricultural management.

Lauren Rickards is a research fellow at the University of Melbourne, where she works with a range of groups, including the Primary Industries Adaptation Research Network and the Melbourne Sustainable Society Institute. A Rhodes Scholar, Lauren has an interdisciplinary background in cultural geography and ecology, which she has used to interrogate numerous strategic and conceptual issues in agriculture, with a focus on climate variability and change. As both a private sector consultant and academic, Lauren has conducted in-depth longitudinal ethnographic research into farming communities' perceptions and experiences of drought, as well as social research into researchers' perceptions and experiences of doing interdisciplinary and transdisciplinary research. In 2009, Lauren won the excellence in extension (young professional) award from the Asia-Pacific Extension Network in recognition of her intellectual contribution to the field. She is currently deputy chair of the Australian government's Terrestrial Ecosystem Research Network.

Professor Daniela Stehlik is Professor of Sociology and previously foundation Director of The Northern Institute at Charles Darwin University, Northern Territory. She is an adjunct professor at James Cook University (Cairns) and the Australian National University (Canberra). Professor Stehlik is currently Chair, Rural Industries Research and Development Corporation and was a member of the Minister for Sustainable Population's Advisory Panel on Demographic Change and Liveability. In 2008 Professor Stehlik was a member of the Expert Social Panel involved in the federal government's review of drought policy.

Professor Roger Stone is Director of the Australian Centre for Sustainable Catchments and professor in climatology in water resources at the University of Southern Queensland. He also holds the open program chair within the United Nations-WMO Commission for Agricultural Meteorology to provide research leadership globally in the field of climate variability, climate change, and natural disasters in agriculture. Professor Stone is also an expert team leader within the UN Commission for Climatology, Geneva. Professor Stone has continued to publish widely in the international scientific literature and has led climate applications modelling research and development programs, especially those that integrate statistical/mathematical climate models, agricultural models, and decision systems that have direct relevance to industry.

James P. Verdin is the Deputy Director of the National Integrated Drought Information System (NIDIS) and is also the US Geological Survey Famine Early Warning Systems Network program manager. He is based at the

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Dr Gene Whitney served as the head of the Energy and Minerals Section of the Congressional Research Service at the Library of Congress advising members of the US Senate and House of Representatives and their staffs on a range of energy issues. Formerly, Dr Whitney was a research scientist and manager at the US Geological Survey and served for 7 years in the White House Office of Science and Technology Policy as Assistant Director for Environment. His areas of responsibility within the Executive Office of the President included science and technology policy of natural hazards and disasters, energy, climate change, water, environment, earth sciences, and earth observations. Dr Whitney holds a BS, MS, and PhD in geology.