

ABOUT THE CONTRIBUTORS

Zahide Ceren Atli

Zahide Ceren Atli was born in Istanbul, Turkey. She has lived in California, USA, for more than 12 years. Ms Atli completed her licence education at the University of California, Berkeley, in the Department of Rhetoric. Her area of interest involves public health and public policy. Ms Atli has multiple papers in these areas and is continuing research. She is also actively involved in translating scholarly articles between Turkish and English. Ms Atli is currently living in San Francisco, California, and in her spare time enjoys contributing to public enrichment projects in her locale.

Hilary Bambrick

Hilary Bambrick is Professor and chair of Population Health at the University of Western Sydney, Australia. She is an environmental epidemiologist and bioanthropologist whose principal research area is health impacts assessment and adaptation planning associated with climate variability and change, especially in more vulnerable populations. Her work is largely based in Australia, the Pacific and Africa, focusing on vector-borne, respiratory and gastrointestinal disease and malnutrition and child health. She consults on climate impacts and adaptation planning for governments in Australia and overseas. In 2011, she received a NSW Young Tall Poppy Award for outstanding achievements in scientific research and communication.

Melanie Bannister Tyrrell

Melanie completed a Bachelor of Philosophy with first class Honours and won the University Medal at The Australian National University in 2010. Her Honours thesis examined the association between weather variation and dengue virus outbreaks in far North Queensland. Subsequently, Melanie worked as a research assistant for Tony McMichael, exploring the impact of climate change on infectious diseases. Melanie was awarded a John Monash scholarship to attend the London School of Hygiene and Tropical Medicine in 2011 and graduated with a Master of Science (Epidemiology) with Distinction in 2012. Melanie is currently completing a PhD at the Institute of Tropical Medicine, Antwerp, through the Erasmus Mundus Trans Global Health PhD fellowship.

Cathy Banwell

Dr Cathy Banwell is an Associate Professor at NCEPH, ANU. She has drawn on her background in social anthropology and public health to conduct research on the sociocultural contexts and health risks associated with the consumption of alcohol, other drugs and poor diets. With others, she has recently authored a book examining the social and cultural trends contributing to rising levels of obesity in Australia (*The Weight of Modernity*, 2013) and has jointly edited a book *When Culture Impacts Health* (2013), which provides exemplars of research approaches to the interrelationship between culture and health in Australasian and Asian settings.

Michael Bentley

Michael Bentley is a health services researcher at the University of Tasmania and Adjunct Research Fellow in the Southgate Institute for Health, Society and Equity at Flinders University, South Australia. He focuses on research and evaluation in public and community health that is grounded in a broader social, economic and environmental context. Michael holds a Doctor of Public Health degree from Flinders University. His research interests are in the social complexity of and ecological approaches to health, equity and the environment. Michael is a member of the Public Health Association of Australia and the Tasmanian Social Determinants of Health Advocacy Network.

Carijn Beumer

Carijn Beumer is a PhD researcher at Maastricht University (The Netherlands), assessing cultural perspectives on biodiversity conservation in a changing world and exploring the potential role of urban greening for the conservation of nature. How do citizens perceive and contribute to urban greening? Special attention is given to the role of domestic gardening: how can home gardens best contribute to larger green infrastructures, biodiversity and ecosystem services? Between 2009 and 2012, Carijn was involved as a researcher in the Interreg IV SUN project (Sustainable Urban Neighbourhoods). Next to her research projects, Carijn is coordinating and teaching MA and BA courses on Sustainable Development and Global Dynamics at Maastricht University.

Peng Bi

Professor Peng Bi is Professor of Public Health at the University of Adelaide, Australia. His expertise falls in the fields of environmental and infectious disease epidemiology. He has wide research experience in identifying and managing environmental health problems, including the impact of heatwaves on population health and relevant adaptation strategies. Professor Bi has been

successful in winning many research grants. He has worked in collaboration with relevant government organisations and NGOs and has provided evidence to inform policy decisions. He was Node Leader of Heat and Health of the National Climate Change Adaptation Research Facility (NCCARF) and helped redevelop National Climate Change and Population Health Research Strategies and Directions.

Kathryn Bowen

Kathryn's area of expertise is climate change and health. She has been at NCEPH since 2008. Kathryn has worked in global health research and policy since 1999, across public, private and university sectors. She is a Research Fellow within the Earth System Governance project and Fellow of the Adaptation College and the Centre for Sustainability Leadership. Kathryn is co-founder of Just Change, a climate change and equity organisation, and sits on an environment advisory committee for the City of Melbourne. Currently, her main work is a range of consultancies for the World Health Organization (WHO) (country/regional offices) on climate change and health.

Devin C. Bowles

Devin Bowles is a PhD student at the National Centre for Epidemiology and Population Health at The Australian National University. Devin's research topic, initially inspired by one of Tony McMichael's presentations, is the socially mediated health effects of climate change, with a focus on conflict, migration, undernutrition and health inequity. Devin has an ongoing interest in the psychological and social barriers to climate change mitigation. He obtained Honours degrees in anthropology and psychology and a Master of Arts in anthropology. Previous publication topics include religious change, Aboriginal health, prosopagnosia (face blindness) and the intersection of conflict prevention and health care.

Stephen V. Boyden, AM

Stephen Boyden FAA is qualified in Veterinary Science (London, 1947). From 1949 to 1965, he performed research in immunology in Cambridge, New York, Paris, Copenhagen and Canberra. From 1965, he pioneered human ecology and biohistory at ANU. In the 1970s, he directed the Hong Kong Human Ecology Programme. After retirement (1991), he formed and worked with the *Nature and Society Forum* – a community-based organisation concerned with the well-being of humankind and the environment. He has published books on biohistory. At present, he is actively involved in the *Frank Fenner Foundation for Healthy People on a Healthy Planet*, of which he is Patron.

Colin D. Butler

Professor Colin Butler is based at the University of Canberra, and is also a Visiting Fellow at NCEPH at the ANU. In 1989, he and his late wife, Susan co-founded BODHI (Benevolent Organisation for Development, Health & Insight). In 2014, he co-founded Health-Earth (www.canberra.edu.au/centres/ceraph/H-earth). Colin has published widely, including on health, sustainability, justice, conflict and engaged Buddhism. He was a co-ordinating lead author for the Millennium Ecosystem Assessment. In 2009, he was named one of '100 doctors for the planet' by the French Environmental Health Association. Butler edited *Climate Change and Global Health* (CABI, 2014). His collaboration with Tony McMichael started in 1993.

Anthony G. Capon

Professor Capon directs the International Institute for Global Health at United Nations University, based in Kuala Lumpur. Tony is a public health physician and an authority on environmental health and health promotion. Since 2008, he has been working with the International Council for Science to develop the global interdisciplinary science programme on health and well-being in the changing urban environment using systems approaches. Tony has held National Health and Medical Research Council and World Health Organization fellowships, as well as leadership roles with the Australasian Faculty of Public Health Medicine and the International Society for Urban Health.

Kaila-Lea Clarke

Kaila-Lea Clarke, BSc, MA, is a geographer and senior policy analyst for Canada's federal ministry of health. Her career and research contributions relate to climate change and human health, health systems and Aboriginal health and wellness. Her research examines risk perception and human health vulnerabilities to extreme heat, and other climate-related health impacts and emergencies in urban and rural settings. She has co-authored several national studies to advance the understanding of climate change impacts, adaptation and actions to enhance climate change resilience. Email: kaila-lea.clarke@hc-sc.gc.ca.

Devra Davis

Dr Davis, MA, MPH, PhD, has a long and distinguished career that has spanned academia, public policy and scientific research. She has written several award-winning books, including *The Secret History of the War on Cancer*, a top pick by *Newsweek*, and over 190 other publications in books, journals and blogs. She has received many awards, including for breaking the paradigms of how women are perceived and the Artemis Award, for outstanding contributions to science

and public health policy. In 2007, she founded the non-profit Environmental Health Trust, which provides basic research, education and policy advice about environmental health hazards. She is currently working on two new books.

Keith Dear

Keith Dear is Research Professor of Global Health (Environmental Health) at Duke Global Health Institute (USA) and Director of Graduate Studies in Global Health at Duke Kunshan University in China. He was, until 2013, Senior Fellow in Biostatistics at The Australian National University, where he worked closely with Tony McMichael. He has worked in cancer clinical trials, meta-analysis, psychiatric epidemiology and environmental epidemiology. He contributed to the 2008 Garnaut Review of Climate Change in Australia, is a contributing author to the 5th IPCC report and a coordinating lead author for the Urban Climate Change Research Network's second assessment report.

Jane Dixon

Jane Dixon is Senior Fellow at the National Centre for Epidemiology and Population Health, The Australian National University. Her research takes place at the intersection of sociology and public health and focuses on transformations within national food systems and the sociocultural determinants of health transitions. She has advised numerous bodies on adopting a food system perspective, including the International Union on Health Promotion and Education and the Western Pacific Regional Office of WHO. Recent books include *When Culture Impacts Health* (Elsevier) and *Weight of Modernity* (Springer). She is currently researching for a new book, *The Culinary Footprint* (Bloomsbury).

Bob Douglas

Bob Douglas retired from the post of Foundation Director of NCEPH at ANU in 2001 after a 40-year medical career, which included work as specialist physician in Papua New Guinea, as an epidemiologist working on the development of a pneumonia vaccine in the USA, as a community medicine academic and General Practitioner at the Adelaide Medical School and as Dean of the Adelaide Medical School. Following his retirement in 2001, with five colleagues from various walks of Australian life, he established a new body, Australia21, the board of which he chaired from 2001 to 2011.

Kristie L. Ebi

Kristie L. Ebi is a professor at the University of Washington and Guest Professor at Umea University, Sweden. She conducts research on the impacts of and adaptation to climate change, including extreme events, food-borne safety and security and vector-borne diseases. Work as an independent consultant (ClimAdapt, LLC) in the USA, Central America, Europe, Africa, Asia and the Pacific focused on understanding sources of vulnerability and designing adaptation policies and measures to reduce the risks of climate change in a multi-stressor environment. She co-chairs the International Committee on New Integrated Climate Change Assessment Scenarios (ICONICS), facilitating development of new climate change scenarios.

Ferne Edwards

Ferne Edwards has a background in cultural anthropology, specialising in sustainable cities, food systems and social movements. She has published widely on topics of food waste, freeganism, food mapping, climate change and beekeeping. For her doctorate, Ferne conducted research on alternative food networks in Sydney and the food sovereignty movement in Venezuela. Ferne spoke at the 2008 World Economic Forum in South Korea and was appointed a World Social Science Fellow by the International Social Science Council (ISSC) in 2013. Ferne is currently coordinating a book with ISSC and is a researcher at RMIT University investigating ethical consumption in Australia.

Donna Green

Donna Green is a Senior Lecturer and Researcher at the Climate Change Research Centre and Associate Investigator for the ARC Centre of Excellence for Climate Systems Science at the University of New South Wales, Australia. Her research interests include taking an interdisciplinary approach to understanding and explaining climate impacts on Indigenous communities in northern Australia. She also teaches and conducts research on the connections between climate change and energy policy. She was a contributing author to the fourth and fifth Intergovernmental Panel on Climate Change (IPCC) reports and has advised on climate policy around the world.

Hülya Gül

Professor Dr Hülya Gül graduated from Istanbul University (Turkey). She has been working in the Department of Public Health in the Medical Faculty, Istanbul University. She got her PhD degrees in preventive oncology and public health from Istanbul University Medical Faculty in 1995 and 2002, respectively. She studied at the Occupational Studies Section of the National Cancer Institute,

NIH, in the USA for one year in 1992. She has been actively involved in research on environmental and occupational health. She is the author of more than 100 papers in national and international scientific journals and conference proceedings.

Andy Haines

Sir Andy Haines is the Professor of Public Health and Primary Care, London School of Hygiene & Tropical Medicine. He was Director of the London School of Hygiene & Tropical Medicine (LSH&TM) from 2001 to October 2010. He has worked internationally, including in Nepal and the USA, and chaired the Scientific Advisory Panel for the 2013 World Health Report. He was a member of the UN Intergovernmental Panel on Climate Change for the 2nd and 3rd assessment exercises and is review editor of the health chapter in the 5th assessment. He has published many papers in high-impact journals on topics such as primary care, health systems research and the relationship between environmental change and health.

Trevor Hancock

Professor Trevor Hancock is a public health physician, currently at the University of Victoria, British Columbia, Canada. He is a founder of the (now global) Healthy Cities and Communities movement and originated the term 'healthy public policy'. His public health interests include health promotion, environment and health, healthy and 'green' hospitals and health futurism. He has been called 'one of the 10 best health futurists in the world'. In the 1980s, he was the first leader of the Canadian Green Party and later co-founded the Canadian Association of Physicians for the Environment and the Canadian Coalition for Green Health Care.

Elizabeth Hanna

Dr Hanna is a Fellow at Australia's National Centre for Epidemiology and Population Health, The Australian National University, and President of the Climate and Health Alliance. She convened Australia's National Climate Change Adaptation Research Network for Human Health and she continues to represent public health and environmental health interests on various State and Federal Government committees. Through 2002–09, Liz also convened the Environmental Health special interest group (SIG) for the Public Health Association of Australia. Her research addresses the environmental determinants of health, nowadays primarily climate change; the factors (exposures, knowledge, attitudes, behaviour, policy and health infrastructure) that elicit protective responses adopted by individuals, communities and governments.

David Harley

David Harley is a zoologist, medical doctor, epidemiologist and public health physician. He is currently Associate Professor of Epidemiology at the National Centre for Epidemiology and Population Health and The Medical School at The Australian National University. He has a major interest in infectious disease epidemiology, and particularly in vector-borne diseases. Ross River virus, Australia's most important climate-sensitive arbovirus, is a long-standing interest. He has published on tuberculosis, adenovirus, meningococcus, malaria and dengue. He currently leads a major research project on climate and the epidemiology of dengue in North Queensland, for which Professor Tony McMichael was a co-investigator.

Basil S. Hetzel, AC

Dr Basil Hetzel graduated in medicine from the University of Adelaide in 1944. After postgraduate study in Adelaide, New York and London, he became Professor of Medicine at the University of Adelaide (1956–68), Foundation Professor of Social and Preventive Medicine, Monash University Melbourne (1968–75) and Chief, CSIRO Division of Human Nutrition (1975–85). He has made a significant contribution to public health in Australia and to world health through his work on the elimination of iodine deficiency as a cause of brain damage – with an at-risk population of two billion from 130 countries. He remains Chairman Emeritus of the International Council for Control of Iodine Deficiency Disorders, an expert group that works closely with WHO, the United Nations Children's Rights and Emergency Relief Fund (UNICEF) and other agencies.

Graeme Hugo

Graeme Hugo, who died in January 2015, was an ARC Australian Professorial Fellow, Professor of Geography, Environment and Population and Director of the Australian Population and Migration Research Centre at the University of Adelaide. His research interests centred on population issues in Australia and Southeast Asia, especially migration. He authored over 400 books, articles and chapters, as well as many conference papers and reports. His recent research focused on migration and development, environment and migration and migration policy. In 2012, he was named an Officer of the Order of Australia (AO), for service to population research for his leadership roles with national and international organisations.

Gian S. Jhangri

Gian S. Jhangri is a double Masters-level biostatistician. He holds an Associate Professorship in the School of Public Health at the University of Alberta, Edmonton, Canada. As an applied biostatistician, most of his research is collaborative. Professor Jhangri has authored/co-authored 104 peer-reviewed publications, including 74 in the past 10 years (2004–13). He has been involved in different research projects across many of the health sciences disciplines. His experience makes him uniquely multi- and interdisciplinary. As an award-winning teacher and service-oriented colleague, he holds an administrative position of Director of Graduate Education in the School of Public Health. Email: gian.jhangri@ualberta.ca.

Tord Kjellstrom

Tord Kjellstrom has researched and taught environmental and occupational epidemiology for 40 years at universities in New Zealand, Australia and Sweden. He worked for 12 years at WHO on global project management in his field and directed the new office responsible for the analysis of and guidance on climate change and health. His research interests have included the health effects of heavy metals, asbestos, air pollution, road transport crashes, urban health, globalisation and sustainable development. This work has generated more than 400 publications (68 on climate, health and productivity issues between 2000 and 2014). Tord knew Tony McMichael from the early 1970s, and they collaborated many times.

Justine D. A. Klaver-Kibria

Justine D. A. Klaver-Kibria received her MSc (Epidemiology) in 2001 from the University of Alberta, Edmonton, Canada. Ms Klaver-Kibria focused her research on climate change and health in the Canadian Prairies. Post-MSc, she was the research associate and coordinator for the study reported in this festschrift. Currently, she has an environmental health consulting company focusing on healthy home environments. Email: jkibria@telus.net.

Su Mon Kyaw-Myint

Su Mon Kyaw-Myint was originally trained as a medical scientist. Since 2005, she has been involved in various occupational health and safety research projects, with a main focus on occupational exposures. She completed her PhD (at NCEPH, at ANU) in occupational health in 2012 and works at Safe Work Australia, the National Occupational Health and Safety agency. Her work involves providing research and data for the development and evaluation of national occupational health and safety policy.

Tim Lang

Tim Lang has been Professor of Food Policy at the Centre for Food Policy at City University, London, since 2002. He was a hill farmer in Lancashire, England, in the 1970s. This formed his interest in the politics of the relationship between food, health, the environment and culture, and he has been engaged in public and academic research and debate about food policy ever since. He was a Commissioner on the UK Government's Sustainable Development Commission (2006–11). He is co-author with Geof Rayner of *Ecological Public* (2012) and with David Barling and Martin Caraher of *Food Policy* (OUP, 2009). Email: t.lang@city.ac.uk. Postal address: Centre for Food Policy, City University, Northampton Square, London EC1V 0HB, UK. Telephone: +44 (0)20 7040 8798.

Robyn Lucas

Professor Robyn Lucas is Head of the National Centre for Epidemiology and Population Health at The Australian National University, and leads the Environment, Climate and Health research group. She is a medical epidemiologist and public health physician whose research focuses on the risks and benefits of sun exposure, particularly through modulation of immune function. She led the WHO Global Burden of Disease due to Ultraviolet Radiation assessment and leads the health chapter of the United Nations Environment Programme (UNEP) Environmental Effects Assessment Panel for the Montreal Protocol on Ozone Depletion.

Pim Martens

Pim Martens holds the chair 'Sustainable Development' at Maastricht (the Netherlands) and Leuphana (Germany) University, and is a Professor extraordinary at Stellenbosch University, South Africa. He is the (founding) Director of the Maastricht University Graduate School of Sustainability Science (MUST) and has been Director of the International Centre for Integrated Assessment and Sustainable Development (ICIS) from 2004 to 2013. Apart from his scientific work, Pim Martens is also a scientist, intending to contribute to a better, more sustainable society.

Karen M. McDonald

Karen M. McDonald, PhD, is Professor and Director of the Department of Public Health at Concordia University College of Alberta, Edmonton, Canada. Her research focuses on atmospheric chemistry, including the assessment of exposure to ambient air contaminants through monitoring and modelling experiments. A primary goal of this research is to test fundamental concepts

of chemical transformations under conditions found in northern climates and to apply these to atmospheric models for use in air quality regulatory decision making. Email: karen.mcdonald@concordia.ab.ca.

Ro McFarlane

Ro McFarlane trained as a veterinarian and worked in zoos and agriculture before focusing on One Health, natural resource management and community conservation. She has worked in the western deserts of Australia with traditional owners, developing Indigenous Protected Areas; in Antarctica, researching biosecurity risks to humans and wildlife, and with farmers, to develop ecologically connected landscapes that nurture biodiversity, agriculture and people. In 2013, she completed her doctorate on the impact of biodiversity loss and land-use change on changing infectious disease patterns of humans and animals in Australasia, supervised by Professors Tony McMichael and Adrian Sleight at NCEPH, ANU.

Lachlan McIver

Lachlan McIver is a medical doctor specialising in remote and tropical medicine and public health. Lachlan spent two years working for the World Health Organization South Pacific office supporting Pacific island countries with climate change and health vulnerability assessments and adaptation planning. He now works as a climate change and health consultant for WHO in the South Pacific and Cambodia, while also pursuing his passion for rural and remote primary health-care development in Australia and the Asia Pacific region.

Martin McKee

Martin McKee is Professor of European Public Health at the London School of Hygiene and Tropical Medicine (LSH&TM), where he founded the European Centre on Health of Societies in Transition (ECOHST), a WHO Collaborating Centre. He is also Research Director of the European Observatory on Health Systems and Policies, a unique partnership of universities, national and regional governments and international agencies, and is President of the European Public Health Association. He trained in medicine and public health and has written extensively on health and health policy, with a particular focus on countries undergoing political and social transition.

Philip McMichael

Philip McMichael is a Professor and Chair of Development Sociology, Cornell University, Ithaca, New York, USA and is an active member of the Civil Society Mechanism in the FAO's Committee on World Food Security. Current

research is on agrarian movements, land questions and food regimes. He is the author of *Settlers and the Agrarian Question: Foundations of Capitalism in Colonial Australia* (Cambridge, 1984), *Development and Social Change: A Global Perspective* (Sage, 2012, 5th edn) and *Food Regimes and Agrarian Questions* (Fernwood, 2013), and editor of *Contesting Development: Critical Struggles for Social Change* (Routledge, 2010).

Stefano Moncada

Stefano Moncada is an assistant lecturer at the Institute for European Studies of the University of Malta. His background is in development economics and political science, with the main areas of research being climate change adaptation and development, focusing on adaptive capacity in least-developed countries. He has worked on several development projects based in Eastern Europe, South America and Africa, mainly in relation to poverty reduction and environmental management. He is currently in the final phases of his PhD with the Economics Department in the field of climate change adaptation and development. Email: stefano.moncada@um.edu.mt.

John D. Potter

John D. Potter, MBBS, PhD, is Senior Advisor to the Fred Hutchinson Cancer Research Center and Professor Emeritus of Epidemiology, University of Washington, both in Seattle, USA. He worked with Tony McMichael at the Commonwealth Scientific and Industrial Research Organisation (CSIRO) Division of Human Nutrition from 1977 to 1986. He chaired and edited *Food, Nutrition, and the Prevention of Cancer: A Global Perspective*, a seminal 1997 report. His research has focused on understanding the causes and intermediate biology of colorectal, breast and pancreatic cancers. His international awards include the 2012 Medal of Honour of the International Agency for Research on Cancer, Lyon, France. He has written or co-authored more than 600 scientific papers, chapters and books.

Geof Rayner

Geof Rayner, PhD, was born on Merseyside, UK, moving to Australia in the 1950s. After working with his builder father, he took a degree at London University, where he was later hired as a research officer. Engaged in health activism, he left university for local authority health promotion and voluntary sector campaigning. In the 1980s, he managed the launch conference of the Public Health Alliance and became chair of its successor organisation, the UK Public Health Association. Geof is joint author of *Ecological Public Health* (Routledge, 2012), with Tim Lang, and *The Metabolic Landscape* (Black Dog, 2014), with Gina Glover and Jessica Rayner.

John Reid

John Reid is an Emeritus Fellow of The Australian National University (ANU); Visiting Artist, ANU School of Art; and Visiting Fellow, ANU Fenner School for Environment and Society. As a visual artist, he addresses issues of human rights and the visualisation of landscape as a construction of regional identity. He collaborates with scientists and activists to communicate aesthetically about ecologically significant landscapes. A nationally awarded visual art educator, he instigated the ANU School of Art Field Study programme in 1966, which has been action research into a best practice educational procedure for artist and community engagement about the environment (www.engagingvisions.com.au).

J. Peter Rothe

J. Peter Rothe, PhD, is an Adjunct Professor at the School of Public Health, University of Alberta, Canada. Before retiring, he was an Associate Professor in the same school, as well as research scientist at the Alberta Centre for Injury Control and Research. His research interests were centred on the phenomenological analysis of driver behaviour, risk taking, intentional and unintentional injury and cultural patterns of safety. He is presently involved in several studies on pain and expectations of injury recovery. Email: prothe@ualberta.ca.

Sam-ang Seubsman

Dr Sam-ang Seubsman, PhD, is a community nutritionist at the Faculty of Human Ecology in Thailand's Sukhothai Thammathirat Open University. She has trained in nutritional epidemiology and has worked extensively on both pre-transitional nutritional problems (childhood malnutrition) and post-transitional nutritional problems (obesity and diabetes). For the past 10 years, she has led the Thai Health-Risk Transition Project, funded by the Wellcome Trust and the National Health and Medical Research Council (NH&MRC). This project collaborates with Australian counterparts from ANU, Monash University and the University of Queensland. Her research in Thailand is very productive and includes a nationwide community cohort of nearly 90,000 people under observation since 2005.

Adrian Sleigh

Adrian Sleigh, MD, is Professor of Epidemiology at NCEPH, ANU. He is a medical graduate with postgraduate training in tropical health and epidemiology. His work has included long periods in Los Angeles, Brazil, China, Thailand and Papua New Guinea. For several decades, he has worked on health and development projects as a health service leader (remote Aboriginal services) or as a health researcher. His early research was on schistosomiasis and Chagas

disease. For the past 10 years, he has concentrated on emerging infections (TB in China, SARS in Hong Kong, avian flu in Thailand), as well as instituting long-term studies on the population-wide transition from infection–malnutrition to injury–chronic disease.

Kirk R. Smith

Kirk Smith, MPH, PhD, is Professor of Global Environmental Health at the University of California Berkeley. Professor Smith serves on a number of national and international scientific advisory committees, including the Global Energy Assessment, National Research Council’s Board on Atmospheric Science and Climate, the Executive Committee for WHO Air Quality Guidelines, the International Comparative Risk Assessment and the Intergovernmental Panel on Climate Change. He holds visiting professorships in India and China and bachelor’s, master’s and doctoral degrees from UC Berkeley and is a member of the US National Academy of Sciences. In 2009, he received the Heinz Prize in Environment and in 2012 was awarded the Tyler Prize for Environmental Achievement.

Colin L. Soskolne

Colin L. Soskolne, PhD, Professor Emeritus, was based at the University of Alberta, Edmonton, Canada, between 1985 and 2013. He built epidemiology and biostatistics in its now accredited School of Public Health and, most recently, he established the academic arm of the University’s Office of Sustainability in the Provost’s Office. His focus is on the global ecological determinants of health. Currently, he is Adjunct Professor, University of Canberra. He was two-term President of the Canadian Society for Epidemiology and Biostatistics (2007–11) and is current Chair of the International Joint Policy Committee of the Societies of Epidemiology. Website: www.colinsoskolne.com. Email: colin.soskolne@ualberta.ca.

Donald W. Spady

Donald W. Spady, MD, MSc, FRCP(C), holds two Adjunct Professorships at the University of Alberta, Edmonton, Canada; one of Paediatrics in the Faculty of Medicine and Dentistry and one in the School of Public Health. He is Chair of the Advisory Board of the Children’s Environmental Health Centre, based in Edmonton, which is the only health centre in Canada specifically addressing issues of children’s environmental health. His current professional interests include children’s environmental health, ecological integrity, climate change and resource depletion – particularly energy – and how these will affect human health, especially public health and health-care delivery. Email: dspady@ualberta.ca.

Lyndall Strazdins

Lyndall Strazdins is a Clinical Psychologist and Associate Professor (PhD Psychology, M Clinical Psych) at the National Centre for Epidemiology and Population Health, The Australian National University. Lyndall has been awarded an Australian Research Council Future Fellowship investigating time as a resource for health and she leads the work and family component of the federally funded Longitudinal Study of Australian Children, a study of 10,000 families. Lyndall is also a consultant to the Paid Parental Leave Evaluation and an advisor on the ACT Healthy Workplaces, Health Promotion panel and to the Department of Veterans Affairs.

Ashwin Swaminathan

Dr Ashwin Swaminathan completed his doctoral studies in the field of environmental epidemiology at The Australian National University under the supervision of Professors McMichael, Lucas and Dear. His research interests include the health effects of solar ultraviolet radiation exposure, vitamin D status and climate change. He also practices as a Consultant Physician at the Canberra Hospital, specialising in infectious diseases and internal medicine.

Peter Tait

Peter Tait has been a General Practitioner for 32 years, 29 in Aboriginal health in Central Australia. He was the 2007 RACGP GP of the Year. Since moving to Canberra in 2011, he has continued work in general practice. He is an Adjunct Senior Lecturer at ANU Medical School. He is involved in climate change research at UNSW and ANU, where he achieved a Masters of Climate Change in 2010. Peter believes a person's health is grounded in a healthy society, and a healthy society on a healthy ecosystem. He is active in the Public Health Association Australia, Doctors for the Environment Australia, Frank Fenner Foundation and other environment groups.

Karen Smoyer Tomic

Karen Smoyer Tomic holds a PhD in geography from the University of Minnesota, with a focus on health geography. She is based in the greater Philadelphia area, USA, and leads the US Value Demonstration Practice of Oxford PharmaGenesis™, a global medical communications consultancy. Previously, Dr Tomic was tenured Associate Professor in Earth and Atmospheric Sciences at the University of Alberta, Edmonton, Canada. Among Dr Tomic's areas of expertise is the use of real-world data to study health resource utilisation, pharmaco-epidemiology and health outcomes. Email: ketomic@gmail.com.

Shilu Tong

Professor Tong has over 200 refereed publications, including in highly prestigious journals such as *NEJM*, *The Lancet*, *JAMA*, *BMJ*, *Nature Climate Change*, *Environmental Health Perspectives*, *American Journal of Epidemiology* (*AJE*), *International Journal of Epidemiology* and *Epidemiology*. He serves on several Journal Editorial Boards, including *AJE*, *Environmental Research* and *PLoS ONE*. As the principal investigator, Professor Tong has been awarded seven ARC and four NH&MRC grants and a number of other internal/external research grants. Professor Tong has supervised/mentored 21 postgraduate students (including 10 PhD) to completion, most of whom are now flourishing in research, teaching and clinical positions at universities, government agencies and hospitals.

Paolo Vineis

Professor Paolo Vineis, MD, MPH, FFPH, is Chair of Environmental Epidemiology at Imperial College, London. His research focuses on cancer epidemiology and in particular, the environmental causes of cancer, the use of laboratory methods (epigenetics, adducts, mutations) applied to the study of cancer aetiology in populations and gene–environment interactions. He has led methods development in the field of molecular epidemiology. He is Head of the Genetic and Molecular Epidemiology Unit at the HuGeF (Human Genetics) Foundation in Torino, Italy, and Course Director of the BSc in Global Health at Imperial College, London. (See www.environment-health.ac.uk/our-research/exposome-and-health, www1.imperial.ac.uk/publichealth/education/undergrad/bscglobalhealth/.)

Mark L. Wahlqvist, AO

Mark L. Wahlqvist, educated in Adelaide (MD) and Uppsala, Sweden (MD), is a consultant physician with deep connections to universities and research institutes in Melbourne (Monash and Deakin), Taiwan (National Health Research Institute) and China. He was President of the International Union of Nutritional Sciences from 2001 to 2005 and has been Editor-in-Chief of the *Asia Pacific Journal of Clinical Nutrition* for most of its 23-year history. Since 2013, he has directed the Fuli Institute of Food Science and Nutrition at Zhejiang University in Hangzhou, China. His ongoing research interests include eco-nutrition and food systems, migration and cross-cultural health, population health and ageing.

Janet Wall

Janet Wall is a Senior Research Officer in the Department of Geography, Environment and Population at the University of Adelaide. Since 1982 she has worked closely with Professor Graeme Hugo on all of his research projects and publications, including the *Atlas of the Australian People* based on the 1986, 1991 and 1996 censuses and funded by the former Department of Immigration and Multicultural Affairs, his ARC Federation Fellowship on 'The New Paradigm of International Migration To and From Australia: Dimensions, Causes and Implications' (2002–06) and his ARC Australian Professorial Fellowship on 'Circular Migration in Asia, the Pacific and Australia: Empirical, Theoretical and Policy Dimensions' (2010–14).

Leanne Webb

Dr Leanne Webb has worked in the climate impacts field with CSIRO, University of Melbourne and at the University of New South Wales over the past decade. Her work has focused on the use of spatial tools to link biophysical metrics with climate data. She has explored the impact of projected climate change in many sectors, particularly the wine industry, agriculture and health. More recently, she has been involved with examining the impact of climate change on the health of Indigenous Australians.

Philip Weinstein

Professor Philip Weinstein is Head of School of Biological Sciences at the University of Adelaide. He holds dual qualifications in ecology (PhD Entomology) and public health (MBBS, FAFPHM). Phil was formerly Professor of Public and Environmental Health at UQ and at UWA, and has also lectured zoology at JCU. He has over 250 publications on the environmental determinants of water-borne and mosquito-borne disease, and also led a major research programme on air quality and respiratory health through the Asthma CRC. He was a member of the Board of Review Editors for the Millennium Ecosystem Assessment, served as Co-Chair of the International Medical Geology Association, and remains an enthusiastic teacher. Email: philip.weinstein@adelaide.edu.au.

Robin A. Weiss

Robin Weiss, PhD, is Emeritus Professor of Viral Oncology at University College, London. Born in London in 1940, Weiss worked in India, Czechoslovakia and the USA before returning to London in 1972. He was Director of Research at the Institute of Cancer Research from 1980 to 1998. He is noted for the discovery of retroviruses inherited as host Mendelian traits, that CD4 is the HIV receptor

and for HIV vaccine research. Weiss was President of the Society for General Microbiology from 2006 to 2009. He is a Fellow of the Royal Society and a Foreign Associate of the US National Academy of Sciences.

Alistair Woodward

Alistair Woodward is Professor of Epidemiology and Biostatistics at the University of Auckland, New Zealand. Since his PhD (on passive smoking and acute respiratory illness in children), he has been interested in the environment and health. He has worked on radon and lung cancer, mobile phones and brain tumours, the causes of bicycle crashes, health-promoting transport policies, consequences of smoke-free laws, climate and vector-borne diseases, the effects of heat and adaptations to climate change, for instance. His book *A Healthy Country? A History of Life and Death in New Zealand*, co-authored by Tony Blakely, was published in September 2014.

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