



An Introduction to the Climate Risk Team

The staff at climate risk include some of Australia's most experienced climate change adaptation specialists. The multidisciplinary team allows for dynamic systems approaches for complex problems.



Dr. Karl Mallon

Karl is director of Science and Systems at Climate Risk Pty Ltd. He is a First Class Honours graduate in Physics and holds a Doctorate in Mechanical Engineering. Karl has worked in climate change mitigation, policy and technical analysis since 1991. He is editor and co-author of a book on climate and energy policy published by Earthscan (London) and has worked with various international government and non-government organisations since 1997. He currently specialises in climate change impact risk, insurance, institutional investment and works with large corporations on opportunities for strategic adaptation to a carbon and climate constrained economy.



Erin Laurie

Erin works for Climate Risk as a Climate Change Planning Analyst. She holds a Bachelor of Environmental Planning and a Bachelor of Environmental Science, majoring in Ecology and Conservation Biology, graduating with the University Medal for Environmental Planning. Erin has extensive experience working for both state and local government in water allocation and regional planning. Erin has developed plans for, and worked with, local communities to ensure the efficient management and allocation of water, including establishing a framework for water trading in Northern Queensland, Australia.



Donovan Burton

Donovan heads Climate Risk's Local Government and Urban Planning section where he works closely with local government and industry to help develop climate change adaptation and mitigation strategies. He has a degree in Environmental Planning and achieved a First Class Honours for his thesis on local climate change mitigation. He has received a scholarship from the Wentworth Group of Concerned Scientists as well as a range of other academic awards. Donovan has facilitated numerous local government climate change risk assessments throughout Australia and is regarded as one of the country's leading professionals in this field. Donovan is currently also undertaking his PhD at Griffith University where he is researching strategies to mainstream climate change adaptation, linking insurers with developers, lenders and local government.



Pazit Taygfeld

Pazit is a climate planner with Climate Risk and leads work on local fuel security and oil vulnerability. Pazit graduated with a first class honours on Local and State Government responses towards peak oil. During her work for the Griffith University Urban Research Programme Pazit was the lead author of a report on oil vulnerability for the Queensland Department of Transport and is also the co-author of a number of reports on sustainable tourism. Pazit has also worked for Redland Shire Council, developing land management plans for conservation areas. Before joining Climate Risk P/L, Pazit worked as a consultant working on community level projects to identify and mitigate greenhouse emissions and environmental performance while increasing energy security.



Dr. Mark Hughes

Mark heads Climate Risks computational modeling work. He is a first class honours graduate in Materials Engineering and holds a doctorate in Materials Science from the University of Cambridge. He has been the recipient of research scholarships from the Cambridge Commonwealth Trust, The British Government and the Oppenheimer Trust. Mark has also been awarded fellowships with the Chevening Technology Enterprise Program (London Business School) and Darwin College (University of Cambridge). Since 1999, he has been based in the field of energy storage and the environment, and is author to a range of peer-reviewed publications in internationally distributed journals. Mark has also worked on commercialisation and business development for new technologies emerging in the energy sector.



Janice Wormworth

Janice is a technical researcher, writer and communications specialist for Climate Risk. Janice trained in Canada with a bachelor of science in biology and a master's degree in journalism, she has worked as a science communicator for more than 15 years with a major focus on climate change and energy issues. Janice's media background encompasses work for public broadcasters in North America, including the Canadian Broadcasting Corporation in research and production. Janice has worked with a variety of national and international non-government organizations in Australia, Europe and North America including the David Suzuki foundation. Janice is currently working on two book projects on climate change and biodiversity issues, to be published 2009.

Climate Risk Europe



Sean Kidney

Sean is the London-based Europe manager for Climate Risk Ltd as well as the strategy and social marketing consultant to the EU's new European Web Site on Integration. Sean has 25 years experience as a social change strategist. He has been an advisor to governments, non-government organisations and pension funds, particularly in the areas of organisational development, marketing and communications and political lobbying. Sean has worked extensively with the Australian pension fund sector on marketing and communications, winning a dozen Combined Major Superannuation Fund awards. His current focus is on climate change and the intersection between the interests of long-term capital and the progress of economic and social evolution.

Climate Risk Associates



Dr Peter Best

Qualified with a double first in Mathematics and Physics, a PhD in Theoretical Physics and nearly thirty years of post doctorate research in applied climatology, Peter's professional expertise in quantitative evaluation of model performance for both simulation and forecasting tools in climate, weather prediction and energy pricing supports Climate Risk's team. Peter has twenty five years of consulting experience in applied weather, climate, energy and air quality forecasting and risk assessment, covering industries from power and industrial processing of all types to intensive livestock, mining, cropping, waste processing and environmental management, renewable energy, water resource planning, transport, expert witnessing and education.



Dr Brett Parris

Dr Brett Parris currently serves as a Research Fellow in the Development Research Unit and Department of Econometrics and Business Statistics at Monash University. He has a thorough academic and professional grounding economics, economic policy modeling, climate change science, economic development and social ethics. During his PhD studies, Brett trained in econometric modelling and computable general equilibrium modelling at Monash's Centre of Policy Studies (CoPS). His PhD focussed on evaluating different approaches to modelling economic development policy and included the use of econometrics, computable general equilibrium models such as the Global Trade Analysis Project (GTAP) model, and other modelling frameworks such as agent-based models. As well as PhD in Economics, Brett holds a BSc in geology and chemistry, which has enabled him to

follow closely the scientific literature on climate change and its implications. Brett has written a number of major publications on social and environmental policy, trade policy and foreign investment policy and served on Brett has also served as a delegate on the Australian Government delegation to the UNFCCC negotiations COP 14.



Dr Peter Urich

Dr. Peter Urich is the Managing Director of CLIMsystems Ltd. He has over ten years experience in community development, resource management and climate change adaptation and risk assessment. Peter gained his PhD in Human Geography from the Research School of Pacific and Asian Studies at the Australian National University in Canberra and Masters and Bachelors degrees from the University of Wisconsin, USA. He also holds a diploma in agriculture from Guelph University in Canada. His work with rural economies and land managers across Asia and the Pacific and his publication record and affiliations across government and non government organisations and private industry position him well to bring climate risk and impact assessment tools and technologies to a diverse array of end users. Peter has recently implemented the development and delivery of customised climate change risk assessment tools for the Governments of Tonga and Vanuatu in the South Pacific. He is also an Adjunct Associate Professor in the climate change programme at the University of the Sunshine Coast located in Queensland, Australia. Peter has worked on market assessment tools for the Danish Hydraulic Institute Models and with the Decision Support Systems for Agrotechnology Transfer program developed by ICASA in the USA.



Assoc. Prof. Richard Warrick

Associate Professor Richard Warrick is the Deputy Director of IGCI. He joined IGCI from the Climatic Research Unit, University of East Anglia, UK in 1992. His thematic interest include climate change impacts, sea level rise, natural hazards, and resource management. His recent activities have focused on climate change related issues, particularly global climate and sea-level changes, as they pertain to research, training and sustainable development, and on the development of integrated models for assessing the effects of climate change and variability at national and regional scales. He is the leave of the FRST-funded Climacts Programme for New Zealand and, internationally, has led the development of training packages for climate change vulnerability and adaptation assessment. He has been a major contributor to reports of the Intergovernmental Panel on Climate Change and has provided consultation on numerous occasions, including to UNDP, UNDP-GEF, UNEP, World Bank, APN, START, UNITAR, and SPREP.