



FOREST ECOSYSTEM SERVICES IN OCEANIA Pre-Conference Workshop

Speaker biographies

Professor Rod Keenan - rkeenan@unimelb.edu.au

Rod has a B. Sc. (Forestry) from the ANU and a PhD in forest ecology from University of British Columbia, with research interests in forests and climate change, forest ecosystem services and forest and environmental policy. He has been Professor of Forest and Ecosystem Sciences at the University of Melbourne since 2005. He has undertaken research across Australia, in Canada, Papua New Guinea and in South East Asia. Rod has worked as a research scientist and science advisor in a number of Australian states and with the Australian Government as an advisor on forests and climate change. From 2009-14 he was Director of the Victorian Centre for Climate Change Adaptation Research, a research partnership between Victorian universities and was a member and Chair of the UN-FAO Advisory Group for the Global Forest Resource Assessment from 2003 to 2015.



Professor David Lamb - david.lamb@uq.edu.au

David Lamb completed a PhD at the Australian National University and then worked in the Papua New Guinea Forestry Department for some years before joining the University of Queensland. He subsequently taught ecology and conservation biology at UQ until he retired. His research interests include restoration ecology generally but he has a particular interest in finding ways of restoring forests across degraded landscapes, especially in tropical areas. This means developing forms of restoration that generate ecosystem services while also improving the well-being of communities living in these areas. He has undertaken forest restoration research across the Asia-Pacific region and undertaken consultancies in the region for the World Bank, AusAID and APFNet. Two of his recent publications are *Regreening the Bare Hills: Tropical Forest Restoration in the Asia-Pacific Region* (Springer; 2011) and *Large Scale Forest Restoration* (Routledge; 2015).





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Dr Anita Wreford – Anita.Wreford@scionresearch.com

Anita is a senior economist at Scion and an adjunct fellow at Lincoln University, NZ. Anita is an applied economist specialising particularly in adaptation to climate change in the natural environment and primary sector. Anita has over 16 years of research experience, across many areas of environmental and agricultural economics, including ecosystem based adaptation; economic evaluations of adaptation; identifying and evaluating the effectiveness of adaptation options across sectors; and decision-making among various stakeholder levels. Anita has worked closely with policy makers both at a national level and local government (both in NZ and Europe), providing advice and analysis. Anita is involved with an IPCC Special Report on Climate Change and Land, and has conducted work for the EU Commission (e.g. evaluating Ecosystem based adaptation across Europe) and the OECD (climate change and agriculture), the UK Government, the Scottish Government's ClimateXChange programme, is contributing to developing adaptation plans for Rwandan agriculture, as well as a number of projects around adaption to climate change and ecosystems services in forests in NZ.



Dr Peter Edwards - peter.edwards@scionresearch.com

Peter is a recent newcomer to Scion in the new role of Political Scientist. He has a background in forest ecology and a PhD in Political Science and Sociology from Griffith University. He has worked extensively on forest policy and governance in Europe and transnationally before coming to New Zealand. He has continued to work on forest policy and governance issues, as well as gaining some understanding of the New Zealand agricultural sector. He has also been investigating the concept of Social Licence to Operate in several sectors (forestry, agriculture and marine) in New Zealand and other countries.





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Dr Richard T Yao - richard.yao@scionresearch.com

Richard completed a PhD in Environmental Economics and a MSc in Agricultural Economics. His work at Scion focuses on the economic assessment of ecosystem services (e.g. timber, carbon, recreation, improved water quality) and natural resource management. Richard has applied his key areas of expertise in quantitative economic analysis – econometrics, forestry economics and ecological economics – to New Zealand environmental and land use management. This research area includes accounting for market (provisioning) and non-market (regulating, cultural) values in policy and investment decision making. Richard has published in international journals and participated in key national discussions on how to account for ecosystem services values in policy. In 2012, he led the development of the annual Forest Ecosystem Services Forum which brings together government agencies, academics, researchers and forest companies to discuss issues and developments in ecosystem services research and links to national and regional policies. He also serves as an executive committee member of the New Zealand Agricultural and Resource Economics Society.



Richard currently leads a six-year project on spatial economic modelling of forest ecosystem services in New Zealand. He has also worked with New Zealand government agencies and the forest industry on assessing and representing ecosystem services values of key land uses in policy and investment decisions. He is also involved in a four-year multi-country project that aims to develop flexible, incentive-based mechanisms to promote land use change to deliver water quality targets. Highlights of the results from key projects on ecosystem services will be discussed in his presentation at this workshop.

Asenaca Nawaqalevu - asenaca.nawaqalevu@usp.ac.fj

Asenaca has earned the degrees of Master of Urban Planning and a Bachelor of Planning. She currently serves as a lecturer at the University of the South Pacific on 'Town and Country Planning' and 'Research Synthetic projects' for undergraduate students. She also lectures on Land Economics for postgraduate students. Her main areas of interest are in urban and regional planning, village based planning with particular interest in villages within urban areas, peri urban development. Underlying these interests are the governance structures and emphasis on sustainable planning principles and practice for the rural and the urban areas. Currently researching on alternative housing models for 'I taukei' (indigenous) communities within the existing capitalist system.

Asenaca spent 17 years at Local Government level as City Planning Manager for the City of Suva in Fiji. She also did short stints with the Ministry of Works in Auckland and the New South Wales Department of Housing in Australia.



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Sandra J Velarde – Sandra.Velarde@scionresearch.com

Sandra has a MSc. in Ecological Economics (University of Edinburgh) and BSc. Forest Sciences (National Ag. University La Molina, Peru). Her research is multi-disciplinary in the areas of natural resource management, ecosystem assessment, climate change, carbon, biodiversity and profitability trade-offs, and participatory planning. Her past work include research and capacity building projects with: FAO, World Agroforestry Centre, the Millennium Ecosystem Assessment, The World Bank-Forest Carbon Partnership Facility, the International Centre for Tropical Agriculture and national agencies in Peru. Sandra is completing a PhD in Environment at the Crawford School of Public Policy at the Australian National University.



At Scion she focuses on developing adaptive governance approaches, indigenous forestry, assessment of forest ecosystem services including cultural values, and biofuel roadmap scenarios.