



SPEAKERS PROFILE



Prof. Jennelle Kyd



Prof Kyd was appointed as Deputy Vice Chancellor (Academic and Research) in 2010. She has been at CQUniversity since 2006, initially at Pro Vice-Chancellor (Research and Innovation) and then at Deputy Vice-Chancellor (Research, Scholarship and Industry). Professor Kyd is currently the Queensland Ambassador for the Tall Poppy Campaign to recognize and promote outstanding young researchers. She is a biomedical scientist, a recipient of a Tall Poppy Award in 2002 and has a B.Sc (Hons) from the University of NSW, a Dip. Ed from Sydney and a PhD from the University of Newcastle. Professor Kyd is internationally recognized for her respiratory infectious disease and vaccine research, having attracted several million in research funding, published extensively in international journals and filed a number of patents as a result of this research. Prior to her appointment at CQUniversity, Prof Kyd held appointments at the University of Canberra as Head of the National Centre for Forensic Studies, Director of the Gadi Research Centre for Medical and Health Research, and Head of the Canberra Centre for Mucosal Immunology. She has Editor roles on international.



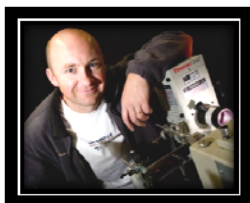
Cr Brad Carter



Brad Carter was elected the first Mayor of Rockhampton Regional Council on March 15, 2008 as an independent candidate. Elected on a platform of managing the economic growth of the Rockhampton Region, Cr Carter believes it to be the most liveable region in Australia. Married to Gail, with three children and four grandchildren, Cr Carter has lived in the Rockhampton region for 17 years. Cr Carter's personal vision for the Rockhampton Region is that it will be a community with growth, lifestyle and an environment that is the envy of the rest of Australia. With an extensive knowledge and experience in economic, business and regional development in regional Queensland, Cr Carter (prior to being elected Mayor of Rockhampton Regional Council) was a senior executive and Director of Tourism, Regional Development and Industry.



Prof. Paul Meredith



Paul is a Professor of Physics at the University of Queensland and co-director of the Centre for Organic Photonics and Electronics. He is also a Queensland Smart State Senior Fellow and co-founder and Vice President Materials Development of the solar coatings company XeroCoat now based in California with R&D in Brisbane. His research focuses on next generation sustainable high tech materials and specifically photovoltaic's. He has published > 160 scientific articles, papers and patents on his research and also has a broader interest in solar energy development and deployment. In this context he chairs the UQ Renewable Energy Technology Advisory Committee and leads several solar major infrastructure projects including the deployment of a large 1.2MW PV array at UQ. He is a passionate advocate of solar energy and also serves on the Premier of Queensland's Climate Change Council and the Smart State Council working group on Queensland's Energy Future.



Dr Richard Denniss

Dr Richard Denniss is The Australia Institute's Executive Director. He is an economist with a particular interest in the role of regulation. Prior to taking up his current position he was an Associate Professor at the Crawford School of Economics and Government at the Australian National University where he continues to hold an adjunct appointment. Richard has also worked as Strategy Adviser to the Leader of the Australian Greens, Senator Bob Brown, Chief of Staff to the Leader of the Australian Democrats, Senator Natasha Stott Despoja, and lectured in economics at the University of Newcastle. Richard has published extensively in academic journals, is a frequent contributor to national newspapers and was the co-author of the best selling *Affluenza* (with Dr Clive Hamilton) and is the co-author of *An Introduction to Australian Public Policy: Theory and Practice* (with Dr Sarah Maddison).



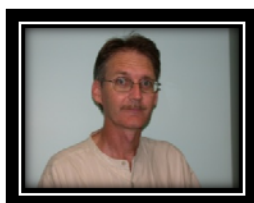
Mr Richard Sanders

Quest 2025 Founder and Executive Officer Richard Sanders is an experienced environmental scientist and futurist. Trained as a transdisciplinary thinker at Griffith University in Brisbane, Richard has spent almost half of his 56 years grappling with the problem of sustainability as a university researcher and government advisor. His deep understanding of the nature of the crises that humanity faces gives urgency to Richard's work as a catalyst for positive change leading to ecological sustainability.



Assoc. Prof. Andrew Wilford

Andrew "Wilf" Wilford is a Clinical Associate Professor from Bond University's Mirvac School of Sustainable Development. Wilf is an engineer and project manager who has transformed his career from the realm of complex safety and mission critical systems in the aerospace and defence sector to the world of deep sustainability. This blend of experience and application provides Wilf with a unique systems perspective to consider the current converging climatic, ecological, social, energy and resource security crises.



Prof. Kerry Walsh

Prof. Kerry Walsh is the Deputy Director for the Centre for Plant and Water Science and Associate Dean (Research and Innovation) at the CQUniversity. He has completed his PhD from Queens University, Canada and has supervised 12 post doctoral research fellows and 20 postgraduate students till date. He has been actively involved with the Livingstone Shire Council Environmental Reference Group, Mt Etna Rehabilitation Committee and the 'Fallen Pines' Committee (preservation of historical trees in local shire) between 2003 and 2008. Prof. Kerry Walsh's core theme has been the application of (non invasive) instrumentation to issues related to plant performance, and in particular in photosynthate transport - assimilate partitioning. He has shifted from an original focus on nitrogen fixation, to issues of CQ relevance - a role leading multidisciplinary work resulting in the association of a phytoplasma with the papaya dieback disorder, degraded land rehabilitation projects, and leadership of team developing tools for non-invasive assessment of fruit quality (eg near infra-spectroscopy).



Assoc. Prof. Nanjappa Ashwath

Nanjappa Ashwath has been working as an Associate Professor at CQUniversity. He has also served as a Research Scientist at CSIRO and the federal EPA. Assoc Prof Ashwath has a PhD from the Australian National University, and is specialised in selecting Australian native plants for land rehabilitation. Over the past 26 years, he has worked on mine site rehabilitation, mangrove restoration, landfill remediation, heavy metal decontamination, and conservation of rare and threatened plant species. He is currently involved in selecting plants for biofuels. He is also a chief investigator of an ARC sponsored national phytocapping project (<http://www.wmaa.com.au/aacap/aacap.html>). He supervises post graduate students and teaches under graduate and post graduate courses (see <http://cpws.cqu.edu.au>). He is a recipient of Vice Chancellor's award for research (CQU) and Rotary Teaching Fellowship to promote Australian plants in India. He is an active research of CQUniversity and has been honoured with Vice Chancellor's award for research. Assoc Prof has produced over 200 scientific publications and attracted >\$3 million research grants. He is a member of several professional organisations and assists community groups with plant identification and environmental issues.



Assoc. Prof. Larelle Fabbro

Assoc. Prof. Larelle Fabbro (PhD) has 35 years experience with toxic algae and a background in teaching, limnology, research and clinical biochemistry. She is currently leader of the Ecotoxicology and Industrial Waters research group with the Centre for Environmental Management at CQU and a former Program Director for Environmental Sciences and Sustainability. For the past 19 years her work has centred on water quality issues in Central Queensland including the toxicity, ecology and taxonomy of blue-green algae. Publications have covered toxic bloom analysis, prediction, water quality, monitoring and management. Research work has included principal investigator in the NHT funded assessment of the downstream effects of land use including the phytoplankton of the Fitzroy River system; writing of guides to the blue-green algae of Australia for Land and Water Australia; algal research, including identification and sampling in collaboration with CSIRO and prediction and control of toxic algal blooms in the lower Fitzroy River and analysis of information from animal deaths as a result of exposure to cyanotoxins. Larelle is a member of the executive committee of the Australian Research Network for Algal Toxicology, the Fitzroy Water Quality Advisory Group and a NATA biological assessor. She has had wide experience in consultancies for coal mines, power stations and private companies including giving advice on potential dangers and toxins to Florida water authorities. She over 20 publications in International refereed scientific and medical journals along with over 20 presentations at International and National conferences including key papers on water quality and aspects associated with the control and toxicity of blue-green algae. Recent work includes various ACARP Projects and analysis of water quality data for industry and government. Larelle was the recipient of the 2003 Vice-Chancellor's Award for Emerging Researchers and the 2007 ACARP Award for Research Excellence – Health and Environment. Larelle was the principal investigator of ACARP project C16033 which identified new toxin producing cyanobacteria, in particular, a strain of the genus *Limnothrix*.



Ms Lillias Bovell

Appointed Executive Director of the PNEB in 2008, Lillias Bovell is one of Australia's leading environmental professionals with a proven track record of achievement. She has worked in all 3 levels of government in policy development, advocacy, dispute resolution and regulatory roles. The immediate past President of the Waste Management Association of Australia and former elected member of Local Government, Lillias has participated in government delegations nationally and internationally. Lillias is an effective communicator and accomplished public speaker having been invited and given presentations at National and International conferences and was a guest lecturer at Bordeaux University in France. Prior to joining PNEB she successfully established her own environmental consultancy, specialising in strategic planning, government relations and advice to the industrial, bio-security, quarantine and bio-hazardous waste sectors. Lillias has a Bachelor of Science degree in Environmental Science, qualifications in Medical Laboratory Technology and is a member of the Australian Institute of Company Directors.



Mr Charlie Sotiris

Charlie Sotiris is currently the Assistant Director Environment & Regulation (Gladstone Regional Council). He has an Associated Diploma In Health Surveying and Graduate Diploma Public Sector Management. He is the member of Member of Environmental Health Australia and also the member of Local Government Managers Australia. He is also the Chair Person - of the Waste Group CQ Waste Management - Central Queensland Local Government Association and has been employed with the Gladstone Regional Council for 29 years.



Prof. Ove Hoegh-Guldberg

Ove Hoegh-Guldberg is Professor of Marine Studies and Director of the Global Change Institute, at the University of Queensland in a Brisbane, Australia. Prior to joining the Global Change Institute, Ove was Director of the Centre from Marine Studies at the University of Queensland, which coordinated three of Australia's leading island research station (on Heron, Stradbroke and Low Is). In addition to his role as Director of the Global Change Institute, Ove heads a research laboratory with over 30 researchers and students which is pursuing a greater understanding of how global warming and ocean acidification are affecting and will affect coral reefs. (Lab web site: www.coralreefecosystems.org). He was recognised in 1999 with the Eureka Prize in 1999 scientific research and is currently the Queensland Smart State Premier's Fellow. Ove has published works that include over 180 refereed publications and book chapters, and is the most cited Australian author within the peer-reviewed literature on climate change and its impacts on natural ecosystems. This expertise has seen him play significant roles within the IPCC and other international bodies in his role as Deputy Director of the ARC Centre of Excellence for Coral Reef Studies and as Coordinator for the Australasian Centre for Excellence and Chair of the Bleaching Working Group within the World Bank-Global Environment Facility Coral Reef Targeted Research project (www.gefcoral.org). Ove is also a regular contributor to the media, with his work featuring on the ABC (Catalyst), BBC (with Sir David Attenborough) and NBC (with Tom Brokaw).



Dr John Abbot

Dr John Abbot is a Senior Research Fellow at Central Queensland University, with a research focus on environmental issues. He holds degrees in chemistry from Imperial College London, the University of British Columbia and McGill University in Canada, and a Master of Biotechnology from the University of Queensland. He has worked as a research chemist in the petroleum, sugar and pulp and paper industries, and also held academic appointments at Queens University in Canada and the University of Tasmania, Griffith University and QUT. Current research interests include evaluation of causal links between pesticides and nutrients in catchment areas of the Great Barrier Reef and claimed damage to biota including coral, mangroves and seagrass. Other current interests include the production and use of biochar to retain pesticides and nutrients on agricultural land. He also has interests in environmental law, with law degrees from the University of Queensland and is admitted as a solicitor. Current research projects in the legal area include investigating the effectiveness of Freedom of Information legislation in gaining access to environmental data and in government decision making processes.



Dr Susan Kinnear



Susan leads the Sustainable Regional Development research programme at CQUniversity in Rockhampton. She has a undergraduate background in the environmental sciences, and completed a doctoral degree in the environmental effects and accumulation of blue-green algal toxins in aquatic flora and fauna. She worked for two years with the CQU Institute for Sustainable Regional Development on a wide range of multidisciplinary projects, from weeds research to the socio-economic pressures of rapid growth in the Bowen Basin. Susan was awarded the Queensland Young Achiever of the Year (Environment) prize in 2007 and currently researches in the area of regional environmental issues, with a particular interest in understanding the drivers for, and implications of, climate change and regional resource use.
