

EIANZ Annual Conference

29–30 October 2015, Pan Pacific Hotel, 207 Adelaide Terrace, Perth, WA



Challenging the status quo

Excellence in environmental practice



Environment Institute of
Australia and New Zealand Inc.



This event will count towards
your Certified Environmental
Practitioner CPD Log.

Welcome to the 2015 EIANZ Annual Conference

Challenging the status quo

Environmental practice and protection in 2015 faces a number of challenges that can only be resolved by open and frank discussion:

How do environmental professionals help achieve high standards of environmental protection in light of streamlined approvals processes, self-regulation and changing attitudes towards science and evidence-based policy?

How effective are our existing institutions, policies, regulatory approaches and management programs in meeting environmental challenges?

What are the professional standards and practices that are needed to build public confidence in what we do?

How can the environmental profession better contribute to the development of more effective, efficient and science-based policy and practice - rather than just respond to changes driven/defined by others?

This conference sets out to encourage serious discussion and inform public debate in all of these areas and more and...Challenge the Status Quo.



Jon Womersley FEIANZ, CEnvP, AFAIM, NMAS Accredited
President, Environment Institute of
Australia and New Zealand

Thank you to our sponsors:



Keynote Speaker Profiles



Hon. Mr Albert Jacob MP

*Minister for Environment & Heritage
Western Australia*

TBA

Albert Jacob was elected as the inaugural member for the Western Australian seat of Ocean Reef on 6 September 2008.

Before this, he served for nearly three years on the Joondalup City Council in the North Central Ward.

Albert lives locally with his young family and is a Vice Patron of Surf Lifesaving WA as well as his local club Mullaloo Surf Lifesaving Club where he is a patrolling member.

Albert served as the Parliamentary Secretary for Community Services; Seniors and Volunteering; Youth from June 2012 to March 2013.

Albert was appointed as Minister for Environment; Heritage on 21 March 2013.

With a Bachelor of Environmental Design and a Masters in Architecture from the University of Western Australia, Albert is committed to the conservation and protection of Western Australia's unique marine and terrestrial ecosystems.



Mr Gregory Andrews

Threatened Species Commissioner

Protecting our threatened species: opportunities in setting hard and measurable targets for biodiversity conservation

Gregory Andrews is Australia's first Threatened Species Commissioner. He was appointed to bring a new national focus to conservation efforts and address the growing number of species in Australia facing extinction.

The Commissioner's role is to consult on, and raise awareness and support for, threatened species in the community. This includes building on, and initiating, new strategic approaches to threatened species conservation.

Before taking up the Threatened Species Commissioner position, Gregory was managing implementation of natural resource management programmes and was responsible for over \$100 million of investments, including protecting the Tasmanian devil and threatened birds.

As the Deputy Head of Australia's delegation to the United Nations Climate Change Convention, he led negotiations on key issues with developing countries.

Gregory has previously worked on social and Indigenous policy reform and has twice taken leave to work on Indigenous community development issues, including with the Northern Land Council in Kakadu and West Arnhem Land where he assisted and supported the traditional owners with land management decisions.

Gregory began his career with Australia's Department of Foreign Affairs and Trade in 1991 and has been on postings to China and Japan. When in China, Gregory worked on environmental issues including negotiating a bilateral agreement to protect habitat for migratory bird species.

Gregory graduated with first class honours in Economics (majoring in Environmental Economics).



Mr Keith Bradby

*Chief Executive Officer,
Gondwana Link*

Defiantly ambitious – is that the best way forward?

Keith is a long-time advocate for the ecological values of south-western Australia. As a community activist he helped halt the clearing of some 3 million hectares of public land for marginal agriculture in the early 1980s. Then, as a concerned local he was involved with establishing some of Australia's earliest landcare groups. As a businessman he has run beekeeping and native seed businesses, consulted to the mining sector and worked in local enterprise development. As a bureaucrat in the 1990s he managed and reformed the Peel-Harvey catchment program and drove the process to end large scale land clearing in south-western Australia. As a film maker he co-wrote and narrated the award winning documentary 'A Million Acres a Year', and as an author produced the book 'Peel-Harvey: decline and rescue of an ecosystem'. He sits on the Executive of both the WA and the National Landcare Networks.

Keith conspired with friends to establish the Gondwana Link program in 2002, and has had the pleasure of leading it since. Gondwana Link works across 18 main groups and 1000kms of a global biodiversity hotspot. Largely funded privately, it now supports focused on-ground programs in all habitat gaps across the Link and in the largest temperate woodland left on Earth.



Ms Carolyn Cameron

Cameron Strategies

The imperative for integrated Strategic Environmental Assessment

Carolyn Cameron has established Cameron Strategies to provide strategic advice on challenging environmental management issues. Prior to that Carolyn had a 30 year public service and academic career in regional planning, environmental assessment and stakeholder engagement. Most recently she was head of the Great Barrier Reef Taskforce for the Commonwealth Department of Environment where she led development of the Reef 2050 Long Term Sustainability Plan for the Reef.



Prof. Bryan Jenkins

University of Canterbury

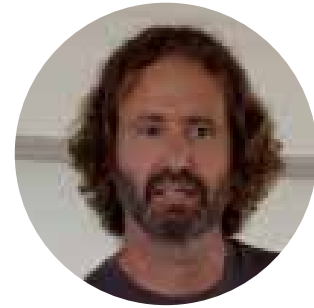
From mitigation to sustainability: going beyond reactive approaches

Bryan is Professor, Strategic Water Management at the Waterways Centre for Freshwater Management, a joint centre of the University of Canterbury and Lincoln University. The Centre provides undergraduate and postgraduate courses in water resources management and coordinates research across the universities in water resource issues.

Prior to this appointment he was chief executive of Environment Canterbury for more than seven years. Environment Canterbury is the regional council for Canterbury whose responsibilities include natural resource management. He was responsible for the introduction of collaborative governance concepts to the regional council including the development of the Canterbury Water Management Strategy.

Before coming to Canterbury, he was chief executive of the Department of Environmental Protection in Western Australia for seven years. Prior to that, he had more than 20 years' experience in environmental management consulting throughout Australia, South East Asia, India and China.

He has a PhD in environmental planning from Stanford University, a masters and first class honours degrees in civil engineering from Adelaide University and a master of administration from Monash University.



Dr Mike Joy

Massey University

New Zealand's hidden environmental reality

Mike Joy BSc, MSc (1st class hon), PhD in Ecology is a Senior Lecturer in Ecology and Environmental Science at the Ecology group-Institute of Natural Resources Massey University Palmerston North. He researches and teaches freshwater ecology, especially freshwater fish ecology and distribution, ecological modelling bio-assessment and environmental science. He has and continues to supervise many Masters and PhD students doing research into freshwater ecology, with topics from native fish ecology to farmers' attitudes to sustainability.

Mike Joy MSc (hons), PhD in Ecology is a Senior Lecturer in Ecology and Environmental Science at the Ecology group-Institute of Agriculture and environment, Massey University Palmerston North. He researches and teaches freshwater ecology, especially freshwater fish ecology and distribution, ecological modelling bio-assessment and environmental science.

Mike is an outspoken advocate for environmental protection in New Zealand and has received a number of awards including "ecology in action" award from the NZ Ecological Society, and an "old blue" award from the Royal Forest and Bird protection Society, Environmental New Zealander of the year from North and South magazine, the Manawatu Evening Standard person of the year and in 2014 he received the triennial NZ Royal Society of New Zealand Charles Fleming award for environmental achievement



Dr Catherine Knight

Envirohistorian NZ

How environmental history can inform the future

Catherine is fascinated by the interactions between people and the environment – what factors drive human behaviour, and how peoples’ attitudes and knowledge about the environment evolves. After exploring the human nature relationship in Japan through her masters and doctoral research, she was motivated to understand New Zealand’s own environmental history. In 2014, she published *Ravaged Beauty*, an environmental history of her birthplace, the Manawatu. Though focusing on one region, the book explores themes and patterns that are evident more broadly in New Zealand’s environmental history.

Catherine has been working as a policy analyst at the Ministry for the Environment since 2008, and her knowledge of environmental history provides valuable context to her policy work. She is the convener of the website *enviro history NZ*, which was established in 2009.



Martu TO

Traditional Owners

Sustainability management at a landscape scale - culture, communities, environment

Martu are the traditional owners of a vast area of central Western Australia and their native title rights have been recognised across a number of determinations.

The Martu native title determination spans parts of the Great Sandy, Little Sandy and Gibson Deserts to the east of Newman. The determination stretches from the Percival Lakes in the north to south of Lake Disappointment, and from Jigalong in the west to past the Canning Stock Route in the east. The determination and Karlamilyi National Park which it surrounds spans nearly 15 million hectares or twice the size of Tasmania.

The Martu are among the last of Australia’s Indigenous people to make contact with the European world, with many coming in from a completely traditional desert life in only the 1950s and 1960s. Many living Martu have stories of first contact with European civilisation and of coming into stations and missions from the desert.

They remain a strong and distinctive indigenous community, with a proud identity and history. Their story through the 20th century provides a fascinating insight into the process of contact with white Australia.

Kanyirninpa Jukurrpa (KJ), is a not-for-profit public company whose members are Martu. The company is based in Newman, but its activities take place mainly in the Western Desert communities of Jigalong,



Associate Prof. Angus Morrison-Saunders

Murdoch University

Challenging the status quo of EIA practice - promoting the benefits of strategic and sustainability oriented thinking

Angus is Associate Professor in Environmental Assessment at Murdoch University, Australia; Extraordinary Professor in Environmental Sciences and Management at North West University, South Africa; and Senior Associate of the University of Cambridge Institute for Sustainability Leadership, UK. Angus has over 25 years’ experience in environmental and sustainability assessment research and practice. Prior to joining the university sector, he worked as an environmental consultant and policy officer with local government. Overall his research focuses on evaluating the effectiveness of environmental impact assessment outcomes and so as to determine the contribution to sustainable development and seek ways to enhance future performance. His current special focus is sustainable mining, especially around mine-closure planning and legacy. Following six years as co-Editor of *Impact Assessment and Project Appraisal* Angus is currently Associate Editor of *Environmental Impact Assessment Review* journal. He has collaborated with many impact assessment practitioners worldwide and published more than 70 international refereed journal articles across the spectrum of environmental, strategic and sustainability assessment.





Mr Patrick Pearlman

Principal Solicitor

Environmental Defender's Office of Western Australia (EDOWA)

Comparison of citizens' actions responding to environmental violations and ecological threats under USA and Australia, with focus on standing of public to bring suit, remedies available and impediments to citizens' actions.

Patrick Pearlman has been EDOWA's Principal Solicitor since 1 February 2013 and previously held that role with EDO Northern Queensland for nearly 3 years. Patrick has broad experience in environmental and administrative law and litigation in state courts and tribunals. Since joining EDOWA, he has been junior counsel assisting to overturn approval of a \$45 billion LNG development in the West Kimberley, instructing solicitor in efforts to block the State's controversial shark control program, and advocate for other persons challenging mining and other development in state tribunals. Before coming to Australia, Patrick practised law in the USA for nearly 22 years – including 14 years regulating telecommunications and other utility services, and 5 years as an environmental lawyer in private practice.

Patrick received a B.A. (with Distinction) from the University of Michigan in 1985, and a J.D. from the University of Texas in 1988. He is admitted to practise law in NSW, QLD and WA, and State and Federal courts in Ohio and West Virginia, USA, including the U.S. Supreme Court and the U.S. Court of Appeals (11th Circuit).



Mr Bryce Skarratt

Team Leader, Strategic Environmental Assessment, BHP Billiton

Challenges in addressing the big picture: delivering a Strategic Assessment

Bryce has over 23 years' experience on a wide range of environmental assessment projects including Strategic Environmental Assessment, Environmental Impact Studies and environmental management for large projects including mines, major industry, dams, road and rail corridors, industrial and residential developments, wastewater treatment plants, gas pipelines and transmission lines. He has been involved project assessment throughout Australia and internationally.

Bryce is currently leading a specialist team within BHP Billiton Iron Ore to deliver a strategic Environmental Assessment for their future Pilbara mining operations for the next 100+ years. This is the first time strategic assessment has been applied to mining operations in Australia and by a corporation and is one of the biggest such projects globally.



Dr Scott Rawlings

Manager, Science and Research for the Office of the Commissioner for Environmental Sustainability, VIC

State of the Environment Reporting – efficacy and evolution

Dr Scott Rawlings is the Manager, Science and Research for the Office of the Commissioner for Environmental Sustainability, Victoria. He has worked for the Office since 2010.

Previously, Scott had worked in numerous roles across the environment portfolio including greenhouse policy, indigenous policy, and natural resource management. Scott managed the Land & Biodiversity White Paper implementation and research and development for the former Department of Sustainability and Environment - focussing on procurement, partnerships, knowledge exchange and the research-policy interface. Scott has a PhD in environmental ethics.





Mr Piers Verstegen

Director, Conservation Council of Western Australia

TBA

Piers is the current director of the Conservation Council of WA. Piers brings to the Council a diverse range of experience in environmental policy, law, politics, and economics.

In 2012 and 2013 Piers was named one of Western Australia's 100 most influential people by the West Australian newspaper for his work in the environment and sustainability fields. Previously Piers has worked as a Senior Policy Advisor for four WA Environment Ministers, giving him a unique set of skills and experience in negotiating complex and contentious issues. He has advised Ministers and government agencies on a range of subjects including science policy, climate change, emissions trading, waste management, air quality, environmental law, environmental education, industry regulation and pollution control.

Piers is involved with a number of other civil society and academic organisations, including serving on the following boards:

Australian Conservation Foundation

Curtin University Sustainability Policy Institute

Centre of Excellence for Climate Change, Woodland and Forest Health

NaturePlay Western Australia



Dr Paul Vogel

EPA Chairman, Western Australia

TBA

Dr Vogel was appointed Chairman of Western Australia's Environmental Protection Authority in November 2007. The EPA provides independent environmental advice to government on all significant development and on important environmental issues. Prior to his appointment, he was the inaugural Chief Executive and Chairman of the South Australian EPA from November 2002.

Paul has extensive knowledge and experience across a broad range of environmental issues, in organisational and regulatory reform and in the delivery of strategic environmental and business outcomes.

Dr Vogel is also a board director of a national Cooperative Research Centre on site contamination; a director of the Australian Technology Network Research Impact Advisory Board and a member of the Australian Institute of Company Directors.





PROGRAM

INTERACTIVE SESSIONS

The conference will feature a series of facilitated interactive sessions where conference delegates can work together to develop a Conference Declaration that highlights the challenges and solutions to which we must all work to achieve excellence in environmental practice.

Informed by contributions to the conference, this is a personal opportunity to contribute to challenging the status quo. A stimulating and thought provoking exercise, this will be a lasting statement of what environmental practitioners believe are key issues that must be addressed if we are to have local and globally environmentally sustainable communities.

Challenging the status quo



Wednesday 28 October

5.30pm - 7.30pm **WELCOME FUNCTION**

6.15pm - 6.45pm **OPENING SPEAKER**
Hon. Mr Albert Jacob MLA,
WA Minister for Environment and Heritage

CONFERENCE DAY ONE

Thursday 29 October

8.00am **CONFERENCE REGISTRATION**

8.30am **MC OPENING**

8.40am **WELCOME TO COUNTRY**

8.50am **EIANZ PRESIDENTS ADDRESS**

Mr Jon Womersley

9.05am **KEYNOTE SPEAKER**

Dr Mike Joy

9.30am **KEYNOTE SPEAKER**

Dr Scott Rawlings

9.55am **INTERACTIVE SESSIONS**

Briefing

10.05am **MORNING TEA**

10.35am **KEYNOTE SPEAKER**

Mr Gregory Andrews

11.00am **KEYNOTE SPEAKER**

Mr Piers Verstegen

11.25am **INTERACTIVE SESSION A**

Brainstorm

12.00pm **LUNCH**

1.10pm-2.30pm **CONCURRENT SESSION**

Workshops and Presentations

2.30pm **AFTERNOON TEA**

3.00pm **INTERACTIVE SESSION B**

Distillation

3.30pm **KEYNOTE SPEAKER**

Mr Patrick Pearlman

3.55pm **KEYNOTE SPEAKER**

Dr. Catherine Knight

4.20pm **INTERACTIVE SESSION C**

Prioritise

5.00pm **CLOSE DAY ONE**

6.30pm - 11.00pm **EIANZ GALA & AWARDS DINNER**

7.30pm **GUEST SPEAKER**

TBC

CONFERENCE DAY TWO

Friday 30 October

8.00am **CONFERENCE REGISTRATION**

8.15am **EIANZ AGM**

9.30am **MC OPENING/RE-BOOT**

9.35am **KEYNOTE SPEAKER**

Mr Keith Bradby

10.00am **KEYNOTE SPEAKER**

Martu - Traditional Owners

10.30am **MORNING TEA**

10.50am **INTERACTIVE SESSION D**

Solutions

11.00am **KEYNOTE SPEAKER**

Mr Bryce Skarratt

11.30am **KEYNOTE SPEAKER**

Ms Carolyn Cameron

12.20pm **INTERACTIVE SESSION E**

Statements

12.45pm **LUNCH**

1.40pm - 3.00pm **CONCURRENT SESSIONS**

Workshops and Presentations

3.00pm **AFTERNOON TEA**

3.20pm **KEYNOTE SPEAKER**

Dr Paul Vogel

3.45pm **KEYNOTE SPEAKER**

Prof. Bryan Jenkins

4.10pm **KEYNOTE SPEAKER**

Assoc. Prof. Angus Morrison-Saunders

4.35pm **CONFERENCE DECLARATION**

4.45pm **CONFERENCE CLOSE**

5.00pm **CLOSE**



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