



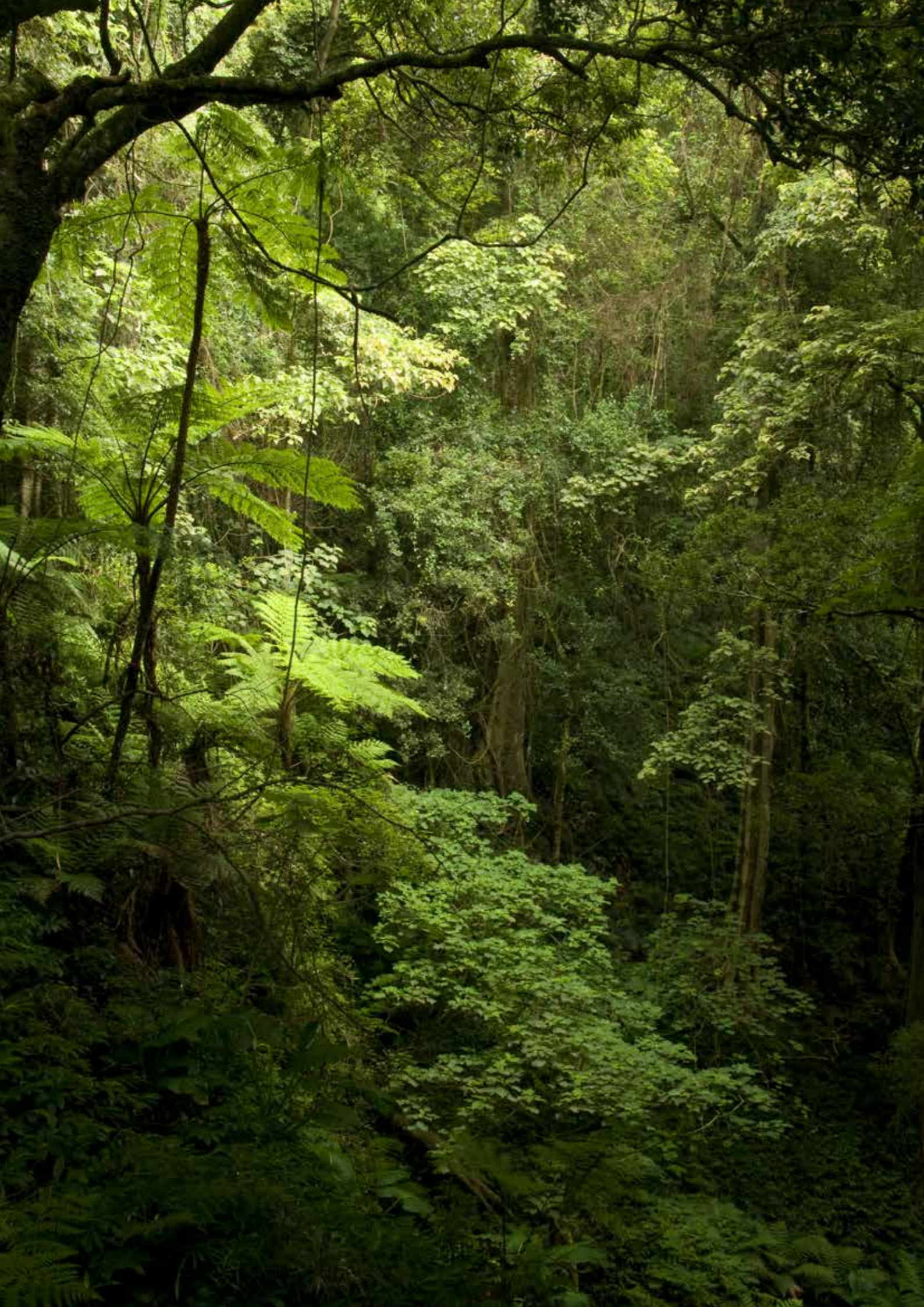
EIANZ Annual Conference
Foundations for tomorrow

3-4 November 2016 | Sofitel Hotel, 249 Turbot Street, Brisbane QLD



Environment Institute
of Australia and
New Zealand Inc.





Welcome to the 2016 EIANZ Annual Conference

Each year the EIANZ Conference provides outstanding opportunities for members to share their knowledge, extend their networks and benefit from the insights of exceptional keynote speakers.

This year is no exception.

Under the theme 'Foundations for Tomorrow', you will improve your understanding of national, regional and global environmental trends, and gain insights to how these will shape the environment sector across coming decades.

These trends will encompass:

- Evolving legislative regimes
- Changing social and community attitudes and expectations
- Emerging impacts of environmental change
- Development of new economic tools for better environmental management
- New technologies and their application, including developments in the renewable energy sector
- New approaches to training the next generation of environmental practitioners.

On behalf of EIANZ, I thank you for your support of this important Institute initiative, and once again welcome you to our 2016 Annual Conference.

Enjoy!

Michael Chilcott FEIANZ CEnvP
President, EIANZ



Thank you to our partners



Keynote speakers



Bob Brown

Founder of the Bob Brown Foundation, previous leader of the Greens and former Senator, Author, Photographer

Bob Brown was elected to the Senate in 1996, after ten years as an MHA in Tasmania's state parliament.

In his first speech in the Senate, Bob raised the threat posed by climate change. Government and opposition members laughed at his warning of sea level rises and it has taken ten years for them to finally begin to acknowledge the causes and effects of climate change.

Since 1996, Bob has continued to take a courageous, and often politically lonely, stand on issues across the national and international spectrum. Some of the many issues that Bob has raised in the Senate include petrol sniffing in Central Australia, self-determination for West Papua and Tibet, saving Tasmania's ancient forests, opposing the war in Iraq, justice for David Hicks, stopping the sale of the Snowy Hydro scheme and opposing the dumping of nuclear waste in Australia.

Bob was re-elected to the Senate in 2001. Following the election of four Greens senators in 2004, Bob became parliamentary leader of the Australian Greens in 2005.

The 2007 election saw Bob re-elected to the Senate for a third term along with two new Greens Senators in WA and SA.

In 2010 Bob led the Australian Greens to a historic result with more than 1.6 million Australians voting for the Greens and the election of nine Senators and one House of Representatives member. As a result of this election the Greens gained balance of power in the Senate and signed an agreement with the ALP which allowed Prime Minister Julia Gillard to form government. A key part of this agreement was the Greens requirement that a price on carbon be introduced, which led to legislation being passed at the end of 2011.

Bob stepped down as Leader of the Australian Greens, and then retired from the Senate in June 2012.



Brendan Trembath

Senior Reporter, ABC

Brendan Trembath has more than two decades experience in radio and television, including reporting from the White House in Washington, warships in the Pacific and tiny Aboriginal communities in regional Australia.

He is currently a senior reporter for the national radio programs AM, PM and The World Today. Brendan was on the spot during the 2014 Lindt Cafe siege, the 2013 Blue Mountains bushfires and the 2011 Queensland floods.

From 1997 to 2005 Brendan was a reporter and anchor for the business network Bloomberg Television in Tokyo and Sydney.

Brendan's first major media role was with ABC Radio News, which he joined fresh out of university in 1990. During this time he covered the long running trial of the backpacker killer Ivan Milat.



Peter Cochrane

Director NFPs, consultant, advisor, candidate for IUCN Council

Peter has over twenty years experience in senior executive leadership and governance roles in the public and private sectors. He consults on environment and sustainability issues, and is an adviser for the national State of Environment Report 2016 focused on building its audience and utility, and its potential form post 2016.

He chairs the Steering Committee of the National Environmental Science Program's Marine Biodiversity Hub and is an Adjunct Fellow at the Fenner School of Environment and Society at ANU.

He is a Director of Ecotourism Australia, the Blue Mountains World Heritage Institute and Tangaroa Blue Foundation. He sits on the Steering Group of the Protected Area Learning and Research Collaboration.

He is an associate with two consulting companies: Futureye and Empowering Engagements. Peter was Director of National Parks and head of Parks Australia from 1999-2013.

Peter is also a member of the IUCN World Commission on Protected Areas Executive and Steering Committees, and a candidate for the next IUCN Council as a regional Councillor for Oceania.



Associate Professor Ralph Chapman

Ralph is an economist who has worked in government, consulting, and the academy. Having helped negotiate the Kyoto Protocol in another life, his interests have turned to practical ways of doing something about climate change – that is, mitigation policies in transport, energy, housing and cities.

He teaches at Victoria University of Wellington, where he heads the Environmental Studies program. He is also a co-director of the NZ Centre for Sustainable Cities, an urban research network. In August, his book about climate change policy, *Time of Useful Consciousness*, was published by Bridget Williams Books.

Late last year, a 'housing and health' research team, of which he is a member, received the Prime Minister's Science Prize for 2014.



The Honourable Penelope Wensley AC, HFEIANZ

Chair of Reef 2050 and Honorary Fellow of EIANZ

Penelope Wensley was born in Toowoomba and completed a Bachelor of Arts degree with First Class Honours at the University of Queensland in 1967.

In 1968, Ms Wensley joined the Australian Foreign service and pursued a highly distinguished career as a diplomat, representing Australia in a wide range of overseas posts and senior policy positions until 2008, when she became Queensland's twenty-fifth Governor.

Among her prestigious diplomatic appointments, she served as Australia's Ambassador to the United Nations for seven years, in both Geneva and New York, as Ambassador for the Environment, High Commissioner to India and Ambassador to France. She has been awarded honorary Doctorates by The University of Queensland, Griffith University and the Queensland University of Technology.

In 1994, The University of Queensland named her as the first woman Alumnus of the year. In 2001, Penelope was made an Officer of the Order of Australia (AO), for her distinguished contributions to Australia's international relations. On Australia Day 2011 she was appointed a Companion (AC) in the General Division of the Order of Australia "For eminent contribution to the people of Queensland, and to Australia's international relations through senior diplomatic representational roles and as a key contributor to initiatives of the United Nations"



David Parker MP

Spokesperson for the Environment, Water, Regulatory Reform, State Owned Enterprises, ICT, and Entrepreneurship Shadow Attorney General

David Parker had a long career in business and law before being elected to Parliament as Labour MP in the normally safe National seat of Otago in 2002.

He has been involved in many businesses, including innovative bio-tech export start-ups A2 Corporation, BLIS Technologies, Botryzen and Pharmazen, as well as in more traditional industries. He is an experienced CEO and company director.

David was appointed to Cabinet in 2005, and served as Minister of Energy, Climate Change, Transport, State Services, Attorney-General, and Land Information under the Helen Clark Government.

In opposition David Parker has served as Deputy Leader, Shadow Attorney General, and in Finance, Economic Development and various other roles.

David wants Labour to rally New Zealand behind a central goal of delivering prosperity and fairer economic outcomes for New Zealanders. A fair go and a fair share. This requires lifting exports, more productive investment and discouraging speculation. He wants the benefits of economic growth to be fairly shared so as to prevent extremes of rich and poor becoming entrenched in New Zealand, and to fund essential services for the community.

David is an avid trumper and is also dedicated to lifting New Zealand's environmental performance. In 2008 he was named by the *Listener* magazine as environmentalist of the year for his work as Minister of Energy and Climate Change.

He also features in the most-viewed Parliamentary question ever – a humorous exchange with Gerry Brownlee on going tramping in conservation areas then threatened with mining.

Conference program

Thursday 3 November 2016 | Morning

8:00am – 8:45am	REGISTRATION				
8:45am – 9:00am	WELCOME Michael Chilcott FEIANZ CEnvP WELCOME TO COUNTRY				
9:00am – 9:30am	KEYNOTE PRESENTATION Bob Brown				
9:30am – 10:00am	KEYNOTE PRESENTATION Brendan Trembath				
10:00am – 10:30am	KEYNOTE PRESENTATION Peter Cochrane				
10:30am – 11:00am	MORNING TEA				
CONCURRENT SESSIONS	ECOLOGY	IMPACT ASSESSMENT	CLIMATE CHANGE	HERITAGE PROTECTION	FUTURE THINKING
11:00am-11:30am	Challenges in using Queensland's ecological equivalence methodology for ecological monitoring Steve Fox MEIANZ	Riding the wave: Exploring the past to understand the present and shape the future Ian Davies MEIANZ CEnvP	Climate Change Special Interest Section	Changing perspectives on social and scientific values: Future directions for cultural heritage practice and policy Vanessa Hardy MEIANZ Mary-Jean Sutton	Future coasts and integrated coastal zone management: Northern Territory and Solomon Islands Marilyn Cross MEIANZ
11:30am-12:00pm	Will botanists be functionally extinct by 2050? David Francis MEIANZ CEnvP	Why and how environmental professionals must change to respond to environmental and social challenges Kate Sinclair MEIANZ		Protection of heritage for tomorrow: A case study of Ipswich, Queensland Noelene McNamara	Rethinking domestic responses to climate change Xavier McMahan MEIANZ
12:00pm – 12:30pm	Application of aquatic ecology in EIA, past, present and future: Predicting, assessing and managing ecological impacts in aquatic environments on the east coast of Australia Marcus Lincoln-Smith MEIANZ CEnvP	Hitting the target: enhancing impact assessments influence on design Claire Gronow FEIANZ CEnvP		Renewable energy - are we there yet? Lisa McKinnon Shannon McGuire	Heritage and sustainability: Three heritage projects Jennifer Hill
12:30pm – 1:30pm	LUNCH				
1:30pm – 3:00pm	INTERACTIVE PANEL SESSION - IS OUR FUTURE THROUGH THE LOOKING GLASS OR DOWN THE RABBIT HOLE? Craig Froome and Mark Gibbs				
3:00pm – 3:30pm	AFTERNOON TEA				

Thursday 3 November 2016 | Afternoon

CONCURRENT SESSIONS	ECOLOGY	IMPACT ASSESSMENT	CENVP	CLIMATE CHANGE	EDUCATION
3:30pm – 4:00pm	Workshop: Ecological impact assessment guidelines for Australia Dave Fleming MEIANZ CEnvP	Strategic Assessment Workshop Garry Middle	Disrupters to the environment profession Bill Haylock FEIANZ CEnvP Tor Hundloe FEIANZ The Honourable Kym Mayes Jon Womersley FEIANZ CEnvP	Sea levels raising complex legal issues Michael Bidwell MEIANZ	Creating an international network of environmental professionals: The unique opportunities created by the New Zealand Development Scholarship Program Karen Hytten
4:00pm-4:30pm				Infrastructure management for New Zealand coastal highways: Coastal assessment environment risk framework and example of assessment tool David Greig MEIANZ CEnvP	The court room of the future Tim Mellor MEIANZ
4:30pm – 5:00pm				Introducing CoastAdapt: A national tool to support Australian coastal decision makers to manage risks associated with climate change David Rissek	Certification of environmental professionals: Its current and potential recognition and use within courts and tribunals of Australia and New Zealand Michael Chilcott FEIANZ CEnvP
6:00pm - 6:30pm	WALK TO DINNER VENUE HOSTED BY BRISBANE GREETERS				
6:30pm – 9:30pm	GALA DINNER AND EIANZ MERIT AWARDS Speaker: Blair Allsopp				

Conference program

Friday 4 November 2016 | Morning

8:00am – 8:45am	EIANZ ANNUAL GENERAL MEETING				
8:00am – 8:45am	REGISTRATION				
9:00am – 9:05am	WELCOME				
9:00am – 9:30am	KEYNOTE PRESENTATION David Parker MP				
9:30am – 10:00am	KEYNOTE PRESENTATION The Honourable Penelope Wensley AC HFEIANZ				
10:00am – 10:30am	KEYNOTE PRESENTATION Associate Professor Ralph Chapman				
10:30am – 11:00am	MORNING TEA				
CONCURRENT SESSIONS	ECOLOGY	IMPACT ASSESSMENT	CLIMATE CHANGE	DEVELOPING NORTHERN AUSTRALIA	EDUCATION
11:00am-11:30am	Developing sustainable irrigation schemes Catherine Murdoch MEIANZ CEnvP	How can we improve assessment of environmental impacts in Queensland? Lynnell Davis MEIANZ CEnvP	On shaky ground: Policy foundations for political standing during a climate change earthquake? Alastair Buchan MEIANZ CEnvP	Developing the North: Federal Government's white paper summary Brooke Robinson	Facets of future enviros' work Julia Callaghan
11:30am-12:00pm	Realising the potential of biodiversity offsets Nikki Watson	A pragmatic overview of how a large infrastructure project addresses the environmental aspects of the works Paul Coughlan	Legislative changes in New Zealand to address climate change: Do they provide an adequate basis for tomorrow's challenges? Bryan Jenkins FEIANZ	Research in Developing Northern Australia Ian Watson	The education of Mary Brown: The consummate environmental professional Jon Womersley FEIANZ CEnvP
12:00pm – 12:30pm	Weeds and seeds: The next gen project approach to weed control on linear infrastructure projects. Helen Wood MEIANZ CEnvP Ian Bridge	It's not real until it's modelled Bill Gardyne FEIANZ	The use of approval frameworks to secure long-term adaptation outcomes Jeremy Visser Greg Fisk MEIANZ	Biodiversity and spatial conservation planning challenges Bob Pressey	The future of environmental certification: Learning lessons and avoiding hazards Claire Tucker MEIANZ CEnvP
12:30pm – 1:30pm	LUNCH				

Friday 4 November 2016 | Afternoon

CONCURRENT SESSIONS	IMPACT ASSESSMENT	FUTURE ENVIRONMENTAL BUSINESS	STRATEGY AND DESIGN	SOIL MANAGEMENT	DEVELOPING NORTHERN AUSTRALIA
1:30-2:00pm	Identifying environmental management stakeholders: Findings from research with practitioners Rebecca Colvin	TBA	Framework for strategic assessment Stephen Timms	How will we know if the soils suitable for agricultural development in northern Australia? Robin Thwaites MEIANZ	Practical solutions for Northern Australia: Engagement with the carbon industry Shaun Ansell
2:00pm-2:30pm	Improving public accessibility, engagement and confidence in the EIA system Erinn Carter	Environmental offsets and equity: community perceptions, benefits and costs Sarah Macoun MEIANZ Olivia Williamson MEIANZ	More than trees: Improving the design and function of urban forests Cormac Farrell CEnvP	Remediation of contaminated soil from across NSW for beneficial reuse: Caltex's sustainable soil remediation facility Rachel O'Hara MEIANZ CEnvP	Lessons from history in developing Northern Australia Kate Andrews
2:30pm – 3:00pm	AFTERNOON TEA				WORKING AFTERNOON TEA What is EIANZ's role in developing Northern Australia?
3:00pm – 4:00pm	IUCN GREEN LIST OF PROTECTED AND CONSERVED AREAS - INTERACTIVE PANEL SESSION Marc Hockings				
4:00pm – 4:30pm	CLOSING PLENARY AND INVITATION TO 2017 EIANZ CONFERENCE Michael Chilcott FEIANZ CEnvP				
5:00pm – 6:00pm	NETWORKING DRINKS				





Gala Dinner and EIANZ Merit Awards

6:30pm, 3 November 2016
Brisbane City Townhall | 64 Adelaide St, Brisbane

Join us for a night of great food and wine and amazing company.

The Gala Dinner will be a fantastic evening and a great opportunity to network with other environmental practitioners.

Brisbane Greeters will meet you at the Sofitel and take you on an intimate 20 minute walking tour of Brisbane pointing out historical and interesting sites on the way to the grand Brisbane City Townhall.

The Gala Dinner will be held in the Townhall's beautiful heritage Brisbane Room with dinner crafted by the master chefs of Epicure Catering.

Blair Allsopp, a highly entertaining story teller, will be the keynote speaker for the evening and will tell some fascinating stories about Brisbane.

The EIANZ Merit Awards will be presented during the evening, recognising those who have made an outstanding contribution to the environment profession.

Blair Allsopp

Not all those who wander are lost

It's a long way from Canada to Brisbane, a journey that includes a history degree, teaching qualifications and more than 20 years working internationally for both Apple and Microsoft.

Settling in Queensland nearly 20 years ago, Blair has made it his mission to explore Brisbane's history, wandering the streets and uncovering many of its secrets. He often says he can't walk more than 20 metres without stopping to tell a story.

Blair loves to learn and share the stories he has gathered. He was one of the first Brisbane Greeters, is a regular radio presenter, has appeared in travel documentaries for CNN as well as features in numerous newspapers and in-flight magazines. Recently Blair had the opportunity to host Presidents and Prime Ministers during Brisbane's G20.



Field trips and tour

Field trip one | Brisbane Airport Corporation and Port of Brisbane tour

Wednesday 2 November 2016 | 9:00am - 5:15pm

You will be collected from the conference venue, the Sofitel and taken to the Port of Brisbane for a guided tour of this fascinating area. Lunch will be provided at the quirky Observation Cafe at the Port of Brisbane which provides panoramic views of the bay and its islands. After lunch we will venture to the Brisbane Airport Corporation. The new parallel runway will be 3.3km long, 60m wide, located 2km west of and parallel to the existing runway. Hear the Project Director detail how the environment is addressed in such a major project.



Field trip two | Upper Brisbane Watershed

Wednesday 2 November 2016 | 8:00am - 5:00pm

Visit:

- Wivenhoe Dam for South East Queensland Water technical talk
- Erosion treatment sites
- Riverside Rocks Park to view irrigation rehabilitation works
- Tennyson Tennis Centre and see water sensitive urban design

You will be collected from the conference venue, the Sofitel and taken to the Wivenhoe Dam. After a picturesque morning tea at the Dam wall, you will visit erosion and restoration sites around Wivenhoe Dam. Lunch will be in the heritage town of Esk in the Upper Brisbane Valley which is renowned for its beautiful lakes and dams. After lunch you will head to the Wivenhoe pocket and mid Brisbane catchment where you will see water quality testing and channel restoration. Our final leg of the field trip will be travelling to the lower Brisbane River to see a great example of water sensitive urban design.



Post conference tour | Fraser Island

Saturday 5 November – Monday 7 November

Join us for the post conference weekend on the world's largest sand island, Fraser Island.

World Heritage-listed Fraser Island is a rare and beautiful holiday destination, at the start of the Great Barrier Reef, offering a refreshing change from the bustle of mainland Australia and the resort islands of Queensland's north.

The island's untamed wilderness and rugged, natural charm entices from the first, providing 4WD adventure and excitement, but also a relaxing atmosphere from your base here at beautiful, eco-friendly Kingfisher Bay Resort.

Once there, slip into island living and explore the hundreds of tracks which criss-cross the world's largest sand island. Immerse yourself in the ancient rainforests, which flourish in dune valleys, coloured sand cliffs on Seventy-Five Mile Beach or the mirrored lakes, ringed with gold, which tempt even the most reluctant swimmers.

Your weekend will include

- Transfers from the Brisbane Sofitel to Fraser Island, including return ferry transfers
- 2 nights accommodation at Kingfisher Bay Eco-friendly resort including breakfast
- Bush tucker talk and taste
- Full Day 4wd Eco-tour (includes lunch)
- Cheese platter and drink on the jetty to watch the sunset
- Guided morning walk.

See our website for the full itinerary.





Environment Institute of Australia and New Zealand
Suite 3, 255 Whitehorse Road
Balwyn VIC 3103

AU +613 8593 4140 | NZ +64 9887 6972
office@eianz.org | www.eianz.org

Contact: Danielle Bolton
South East Queensland Division Secretariat
seq@eianz.org | +617 5429 8480

Photo credits

Page 11: Port of Brisbane, Manidis Roberts, Flickr - No changes made, licensed under CC 2.0

Page 11: Wivenhoe Dam, Jared Morgan, Flickr - No changes made, licensed under CC 2.0