

	EIANZ Conference 2018 Thursday 1 November 2018				
07:30 - 17:00	Registration Open				
09:00 - 09:10	Welcome EIANZ President and 2018 Annual Conference Chair, Dr Bryan Jenkins				
09:10 - 09:25	Welcome to Country Allen Madden, Gadigal Elder, and Board Member, Metropolitan Aboriginal Land Council				
09:25 - 09:45	Official Opening Councillor Jess Miller, City of Sydney Council, and former Deputy Lord Mayor				
09:45 - 10:25	Keynote Session Professor Emma Johnston (UNSW)				
10:25 - 10:55	Morning Tea and Exhibition				
10:55 - 12:25	Keynote Session Re-imagining the Law and the Environment Chair: Peter Skelton, former Judge of the Environment Court of New Zealand Principal Environment Judge Laurie Newhook, Environment Court of New Zealand Justice Rachel Pepper, Land and Environment Court of NSW Justice Melissa Perry, Federal Court of Australia				
12:25 - 13:15	Lunch Break				
	Plenary Room	Plenary Room B	Level 2, Room 2	Level 2, Room 3	Level 2, Room 4
	Digital Disruption in the Environment Sector Chair: Gary Foster, EIANZ NSW Div	Strategic Impact assessment Chair: Rachel O'Hara, NSW division President	Ecology Chair: Nelson Wills, MEIANZ, CEnvP – Deputy Chair, EIANZ Ecology Special Interest Section	Environmental Education and Communications Chair: Faye Woodward, EIANZ OC Member	Social Impact Assessment: Recognizing People in EA Chair: Di Buchan, EIANZ VP NZ
13:15 - 13:35	Digital Owl – How Drones, Video Analytics and Artificial Intelligence is the new weapon in helping save endangered species.NSW Case study from Mt Dangar Lee Stewart, Head of Sustainability, Fujitsu	State of the Environment Reporting framed by the UN SDGs Kangmin Moon, Office of the Commissioner for Environmental Sustainability	Developments and trends in aquatic ecology as applied in EIA: how do we make better use of ecological research in improving environmental assessments and monitoring of impacts? Marcus Lincoln Smith, Cardno	Next Generation Engagement: Setting a research agenda Kirsty O'Connell and Sara Bice, The Next Generation Engagement Project	Putting the Public into Public Infrastructure: Transport Infrastructure Examples, Rachel Maas and Julie Boucher, Just Add Lime
13:40 - 14:00	Internet of Things to Power Outcomes Based Approvals Ben Starr, Eagle.io	Making Development & Planning Decisions 'in the Public Interest' - How can we Improve ? David Johnson, FEIANZ and Warwick Giblin, FEIANZ (OzEnvironmental)	Remote sensing the threatened species Boronia deanei across the Newnes Plateau Kieran Marshall & Arne Bishop, RPS Australia		A Framework to spatially represent the Social Values of Waterways Aneeta Nathan, Jacobs Group (Australia)
14:05 - 14:25	The rise of the robots? Implications of automation and AI for biodiversity monitoring Elizabeth Stark, Symbolix	Recovery Assessment: The Process Needed After Impacts Have Exceeded Sustainability Limits Bryan Jenkins, President, EIANZ	Strategic identification of simple management tools to solve complex restoration puzzles Alexi Williams, ACT Parks and Conservation Service	Environmental Education - Managing Environmental Risk Bill Haylock, Ardent Group Pty Ltd	How might Ethical Practice be perceived in the future? Alan Chenoweth, Griffith University, Queensland
14:30 - 15:00	Disruption, Diversity and the Adjacent Possible- Ways to Survive & Thrive in the Digital Economy Jacyl Shaw, GHD Digital	Wind Farm Noise Compliance in Victoria, Australia Michel Baron, Jacobs Group (Australia)	Attracting the Pest: Trapping for Cane Toad Rhinella Marina Tadpoles using the BufoTab Bait Dave Fleming, Ecosure	Contributing to a shared position on environmental education Fabian Sack, EIANZ Policy and Practice Committee	The Human Dimension of Ecological Conflicts David Hogg, FEIANZ
15:00 - 15:30	Afternoon Tea and Exhibition				
15:30 - 17:00	Keynote Session Re-imagining cities - City Building and Re-building Chair: Michael Chilcott, Commissioner, Land and Environment Court of NSW; Immediate Past President, EIANZ Lucy Hughes Turnbull AO, Chief Commissioner, Greater Sydney Commission Felicity Greenway, Executive Director, Resource Policy and Reform Implementation in the Department of Planning and Environment Professor Peter Skelton, Commissioner, Canterbury Regional Council				
19:00 - 23:00	Gala Dinner and Awards Evening - Australian Museum Dr Tammie Matson Guest speaker Wildlife conservationist and adventurer				

	EIANZ Conference 2018 Friday 2 November 2018				
07:30 - 17:00	Registration Open				
09:00 - 10:30	<div>Keynote Session</div> <div>Re-imagining Landscapes - Indigenous landscapes, Indigenous knowledge; planning</div> <div>Chair: Mike Williams, Past President EIANZ (NSW Division) Simon Smale, Landscape Manager, Gondwanalink, Bush Heritage Australia; Rene Woods, Chair, Murray-Lower Darling Rivers indigenous nations, Operations Manager Nari Nari Tribal Council;</div> <div>Strategic Advice and Strategic Decisions for Government – reflections on the roles of Chief Scientist & Engineer and Chair of the Independent Planning Commission in NSW. Professor Mary O'Kane, Chair, NSW Independent Planning Commission.</div>				
10:30 - 11:00	Morning Tea and Exhibition				
	Plenary Room	Plenary Room B	Level 2, Room 2	Level 2, Room 3	Level 2, Room 4
	<div>The Future of Waste</div> <div>Chair: Gary Foster, NSW Div Committee</div>	<div>Innovations in Heritage, public engagement</div> <div>Chair: Nelson Wills, Heritage SIS</div>	<div>Environmental regulatory reform</div> <div>Chair: Kevin Roberts, NSW Div Committee</div>	<div>Contaminated Land Management</div> <div>Chair: Contaminated land SIS</div>	<div>Social Impact Assessment: Recognizing People in Environmental Assessment</div> <div>Chair: Andrea Zambolt, Principal Environmental Scientist WSP</div>
11:00 - 11:20	<div>Alex Kanaar, Acting General Manager Growth and Development, Veolia</div>	<div>Evolving knowledge along Bendigo Creek, Epsom</div> <div>Kym Oataway, Biosis Pty Ltd</div>	<div>The New Deal - Biodiversity offset reforms in NSW</div> <div>Nick Thomas, Partner, Clayton Utz</div>	<div>PFAS: Managing the Shifting Sands of Science and Regulation with an Emerging Contaminant</div> <div>Ross Edwards, Jacobs Group (Australia)</div>	<div>An Introduction to International ESIA, Social Impacts, Challenges and Opportunities</div> <div>Elouise Smith, GHD Canberra</div>
11:25 - 11:45	<div>The future of waste management in Australia</div> <div>Chani Lokuge, Aecom</div>	<div>Exploring archaeological methods in the Western Volcanic Plains, Victoria</div> <div>William Truscott, Biosis Pty Ltd</div>	<div>The NSW Biodiversity Conservation Trust: An introduction to its role in supporting private land conservation</div> <div>Paul Elton, CEO, Biodiversity Conservation Trust</div>	<div>Incorporating Sustainability into Contaminated Land Management</div> <div>Tony Scott, Coffey Services Australia Pty Ltd</div>	<div>Follow-up of Social Impacts of Urban Linear Transport-Infrastructure projects: Exploring Key Issues for the Future</div> <div>Lara Mottee, Macquarie University & University of Groningen</div>
11:50 - 12:10	<div>Is Plastic the next PFAS?</div> <div>Kate Selvaratnam, Jacobs Group (Australia)</div>	<div>Counting Scars: Culture, Science and Consultation for Modified Trees in NSW</div> <div>Darran Jordan, Aecom</div>	<div>Environmental reform in Victoria</div> <div>Heidi Asten, Freehills, Victoria</div>	<div>Challenges in Implementing Innovative Technologies and Approaches within Existing Contaminated Land Regulatory Frameworks</div> <div>Adrian Heggie, WSP Australia Pty Limited</div>	<div>Developing Social Impact Assessment Guidelines in a Pre-Existing Policy Context</div> <div>Richard Parsons, NSW Department of Planning and Environment</div>
12:15 - 12:35	<div>Prof Veena Sahajwalla, Centre for Sustainable Materials Research and Technology (SMaRT), UNSW</div>	<div>Cox Peninsula Remediation Project – A case study of effective community engagement</div> <div>Ellen Marnock, Jacobs</div>	<div>Analysis of the performance and future directions of the biodiversity credit market in NSW</div> <div>Rogelio Canizales Perez, NSW Department of Planning and Environment Office of Environment and Heritage</div>	<div>Contaminated Land - Sustainable Treatment</div> <div>Graham Smith, WSP Australia Pty Limited</div>	<div>Moving beyond the rationality of project EIA – landscape scale and holistic EIA</div> <div>Garry Middle, VisionEnvironment Consulting</div>
12:35 - 13:25	Lunch Break				
	Plenary Room	Plenary Room B	Level 2, Room 2	Level 2, Room 3	Level 2, Room 4
13:25 - 13:45	<div>The Future of Transport</div> <div>Chair: Fiona Gainsford, Director, Gainsford Consulting</div>	<div>Strategic Impact Assessment Panel session</div> <div>Chair: Lachlan Wilkinson, Impact Assessment SIS</div>	<div>Managing the Future: Imagine New Opportunities and Challenges</div> <div>Chair: Will Miles, EIANZ OC Member</div>	<div>Climate Change in the 21st Century</div> <div>Chair: Tor Hundloe, Chair of the EIANZ Climate Change SIS</div>	<div>Environmental regulatory reform</div> <div>Chair: Rhidian Harrington, Vice President, NSW DIV Committee</div>
	<div>The Future for NSW Freight</div> <div>Jim Modrouvanos, Executive Director, Freight Industry Branch, Transport for NSW</div>		<div>Trends, disruptors and the circular economy</div> <div>Damien Giurco, Institute for Sustainable Futures</div>	<div>Imagine Climate Resilient Communities and Regions: Participatory Adaptation Planning for Building Resilience</div> <div>Claudia Baldwin and Helen Ross, University of Queensland</div>	<div>Why Biodiversity Reform generally fails to address the decline of biodiversity</div> <div>Chris Murphy, Independent reseacher</div>
13:50 - 14:10	<div>Connecting Auckland to Northland NZ while meeting multiple outcomes effectively</div> <div>David Greig, NZ Transport Agency</div>		<div>Who cares? Environmental context in facilitating adolescent nature relatedness and wellbeing</div> <div>Kora Uhlmann, University of Queensland</div>	<div>The Absolute Angle on Assessing Climate Change for Buildings</div> <div>Sarah McLaren, Massey University</div>	<div>The urgent need for a new generation of national environment laws</div> <div>Andrew Picone, Australian Conservation Foundation</div>
14:15 - 14:35	<div>Future Proofing Transport: The Environmental Approach to Inland Rail</div> <div>Vicki Brady and Gareth Rees, Australian Rail Track Corporation</div>		<div>Landscape analysis' of Stakeholder research and initiatives that contribute to achievement of Australia's Sustainable and Resilient food & fibre production and land use systems by 2050</div> <div>Peter Ryan, UNSW Sydney</div>	<div>Beach loss: How to make it not as bad as it might otherwise be</div> <div>Allan Young, EMM Consulting Pty Ltd</div>	<div>Imagine... A life without quality water</div> <div>Jennifer Warren, WSP Australia Pty Limited</div>
14:40 - 15:00	<div>Planning for low emission transport: walking and cycling</div> <div>Mitchell Lee and Larissa Miller, Cardno</div>	<div>Metro Tunnel Project: Facilitating best practice sustainability outcomes</div> <div>Olivia Aib, Jacobs Group (Australia)</div>	<div>Fostering Climate Change Outcomes: The Parkes Water Infrastructure Renewal Project</div> <div>Daniela von Rabenau, Gea Environmental Pty Ltd</div>	<div>Drawing Lessons from New Zealand to provide a more supportive Regulatory Framework for Renewable Energy Development in Western Australia</div> <div>Sarah Kelly, Jacobs Group (Australia)</div>	
15:00 - 15:30	Afternoon Tea and Exhibition				
15:30 - 16:30	<div>Keynote Session</div> <div>Re-imagining the Future of Energy and Climate</div> <div>Chair: Bryan Jenkins, President, EIANZ</div> <div>Doug Jackson, Executive General Manager, Group Operations, AGL Greg Bourne, Councillor, Climate Council Dr Michael Pulch, European Union Ambassador to Australia</div>				
17:30 - 20:30	Post-Conference Harbour Cruise				