




AELERT 2022

CONFERENCE

Novotel Parramatta • Tuesday 29th November – Thursday 1st December 2022

Program



**Regulating
Towards 2050**

Working together to face
emerging challenges

Tuesday 29th November 2022

12.00pm	Registration opens & Lunch		
Room	Lennox Ballroom 1	Lennox Ballroom 2	Lennox Ballroom 3
1.00pm	Intelligence & Analysis <i>Kieran Lynch, NSW Environment Protection Authority</i>	Environmental Auditing <i>Winston Wickremaratne, NSW Environment Protection Authority</i>	Statutory Instruments <i>Amiette Wakenshaw, NSW Natural Resources Access Regulator</i>
3.00pm	Afternoon Tea (30 minutes)		
3.30pm	Intelligence & Analysis Workshop continued	Environmental Auditing Workshop Continued	Statutory Instruments Workshop Continued
5.00pm – 6.30pm	Welcome Reception		

Wednesday 30th November 2022

8.00 am	Registration opens		
Room	Plenary – Lennox Ballroom		
8.30 am	Welcome to Country <i>Aunty Julie Webb</i>		
8.45am	Official Conference Opening		
9.15am	The evolution of environmental regulation <i>The Hon. Justice Brian J Preston FRSN SC</i>		
10.15am	Morning Tea (30 minutes)		
Theme	Strategy and reform	Indigenous	Collaboration
10.50am	How the NSW EPA is strengthening its regulatory response to climate change, in a busy and rapidly evolving climate change policy landscape <i>Ms Jackie Miles, NSW Environment Protection Authority</i>	Mātauranga (indigenous Māori knowledge) as evidence – A Mātauranga Framework for environmental decision making <i>Dr Daniel Hikuroa & Miss Erica Gregory, Environmental Protection Authority, New Zealand</i>	Coordinated prevention and response – a new way of working across government to address high risk waste sites <i>Mrs Ashleigh Jones, Department of Environment, Land, Water & Planning & Mrs Renee Pattern, Environment Protection Authority</i>
11.20am	Room change		
11.25am	Bringing our regulatory strategy to life <i>Mr Tony Chappel, NSW Environment Protection Authority</i>	Embedding Traditional Owner cultural values in environment protection, in Victoria <i>Ms Deborah Hollingworth, Environment Protection Authority, Victoria</i>	Local Government Illegal Dumping Partnership Program <i>Mr Andrew Holloway, Department of Environment and Science</i>
11.55am	Room change		
12.00pm	Performance Indicators for Environmental Compliance and Enforcement Programs <i>Mr Dan Palmer, US Environmental Protection Agency (15mins)</i>	Indigenous Ranger Biosecurity Program <i>Ms Renae Todd Department of Agriculture, Fisheries & Forestry</i>	Collaborative Regulation of Offshore Renewables Projects <i>Mr Owen Wilson, NOPSEMA</i>

12.15pm	Advancing Environmental Justice through Enforcement <i>Ms Thanne Berg, US Environmental Protection Agency (15mins)</i>		
12.30pm	Lunch (60 minutes)		
Theme	Strategy and reform	Strategy & Reform	Strategy & Reform
1.35pm	The practical challenges of administering very complex regulatory frameworks - a case study using the onshore gas framework in the Northern Territory <i>Mrs Amy Dennison, Northern Territory Government</i>	Applying the AELERT AO Guideline - A practical example <i>Ms Amiette Wakenshaw NSW Natural Resources Access Regulator</i>	Let's stop it and swap it! NSW's journey to go plastic free <i>Ms Divya Patel, NSW Environment Protection Authority</i>
2.05pm	Room change		
2.10pm	Too many regulators? Workshopping how to address emerging challenges under patchwork environmental legislation and institutions. <i>Ms Tess Cole-Adams, Department Of Environment, Parks And Water Security</i>	Reforming an inspection process: a lesson in managing change <i>Ms Alice Turnbull, NOPSEMA</i>	What's the go with FOGO - a deep dive into food and garden organic waste <i>Ms Helen Prifti & Ms Anna Ernst, NSW Environment Protection Authority</i>
2.40pm	Room change		
2.45pm	Why prioritising priorities is more important now than ever before <i>Mr Tony Williams, NSW Environment Protection Authority</i>	Responding to Australia's offshore petroleum decommissioning challenge: Adaptive regulation in response to changing circumstances <i>Mr David Christensen, NOPSEMA</i>	Reducing our regulatory burden on industry and the agency – a Streamline WA initiative <i>Ms Germaine Larcombe, WA Department of Water and Environmental Regulation</i>
3.15pm	Afternoon Tea (30 minutes)		
Theme	Outcome based compliance theme	Data & Analytics theme	Regulatory innovation & tools theme
3.50pm	A modern regulatory approach sees mass movement of compliance rates in foundational water management reforms. <i>Mr Rohan Macdonald, Dr Tara Schalk & Mr Greg Abood, NSW Natural Resources Access Regulator</i>	GeoResources Early Monitoring System (GEMS) <i>Dr Joanne Hansen, Department of Environment and Science & Mr David Limburg, Department Of Resources</i>	Enhancing Regulatory Investigations and Enforcement Outcomes in Environment and Planning Litigation <i>Mr Matt Wright & Ms Jennifer Coburn, Department Of Planning And Environment NSW</i>
4.20pm	Room change		
Theme	Collaboration	Regulatory innovation & tools theme	Emergency response
4.25pm	<u>1 hr Panel discussion</u> Environmental Issues <i>Mr Van Housman, US. Environmental Protection Agency (virtual) & Ms Sophie Martin SA EPA</i>	<u>1 hr Panel discussion</u> Capacity Building in environmental regulatory agencies <i>AELERT Capacity Building Working Group</i>	<u>1 hr Panel discussion</u> The role of environmental regulators in emergency management <i>AELERT Emergency Operations Working Group</i>
5.25pm	Conference day 1 Concludes		
6.30 pm	Conference Dinner		

Thursday 1st December 2022

8.30am	Registration opens		
Room	Plenary – Lennox Ballroom		
8.30 am	Day Two Welcome		
8.40 am	Keynote Presentation Greg Mullins AO, AFSM		
9.40am	Room change		
Theme	Emergency response	Data & Analytics theme	Regulatory innovation &tools theme
9.45am	NSW EPA Flood response Mr Martin Puddey and Mr Brett Nudd, NSW Environment Protection Authority	Overview of U.S. EPA Use of Data Analytics in Environmental Compliance and Enforcement Mr Michael Barrette & Mr Russell Wasem, US Environment Protection Authority (virtual)	Bringing together Australia’s world-leading expertise and information to help local communities build resilience to climate change Ms Vicki Woodman, Australian Climate Service
10.15am	Room change		
10.20am	“On the Nose”, saving Australian sandalwood. New science, new technology, old legislation! Prosecuting sandalwood poachers: Are we winning the battle but losing the war? Dr Arif Malik & Mr David Wilkins, Department For Environment and Water SA	Our data journey Mr Kieran Lynch, NSW Environment Protection Authority	Implication of Gaps in Sensor Technologies on the Application of US EPA Water Sensor Platform Mr Jacob Stowell, National Enforcement Investigations Center of the US Environmental Protection Agency (virtual)
10.50am	Morning Tea (30 minutes)		
Theme	Outcome based compliance theme	Data & Analytics theme	Regulatory innovation &tools theme
11.25am	Developing a Culture of Compliance Through Criminal Enforcement Mr Scot Adair, US Environmental Protection Agency, Criminal Investigation Division (virtual)	Data Derived Dashboards Driving Daily Decisions: turning regulatory data into actionable insights Miss Paris Bates, SA Environment Protection Authority	Road testing our regulatory tools - Court consideration of regulatory mechanisms Mr Andre Maynard, WA Department Of Water And Environmental Regulation
11.40am	A strategic approach to Compliance: Operation Recharge Amanda Morvell & Kate Clayton, Department of Climate Change, Energy, the Environment and Water		
11.55pm	Room change		
12.00pm	Multi agency approach to approaching compliance Mr Leon Marskell, Campbelltown City Council	Evolution of a Revolution: Automation of Data Analytics in Water Compliance Monitoring Mr Aniket Prasad, NSW Natural Resources Access Regulator	Digital Briefs of Evidence Mr Craig Doran, Comtrac

12.30pm	Operation Sheffield - an investigation into the illegal possession and trade of wildlife in Victoria, interstate and international <i>Mr Glenn Sharp, Conservation Regulator, Department Of Environment, Land, Water And Planning VIC</i>	Early Change Monitoring - Rethinking our approaches to identifying native vegetation clearing and engaging with our landholder community <i>Mr Troy Northey, NSW Department Of Planning And Environment</i>	
12.45pm			Adaptable in-field analysis framework for use at pollution incidents <i>Dr Val Spikmans, Western Sydney University, School of Science</i>
1.00pm	Lunch (60 minutes)		
Theme	Outcome based compliance theme	Data & Analytics theme	Regulatory innovation &tools theme
2.05pm	Solving Water Sensitive Urban Design maintenance compliance <i>Mr Daniel Rider & Ms Mia Liu, Blacktown City Council</i>	Using an artificial society model to predict water users’ responses to different regulatory interventions <i>Dr Andrew Howe & Mr Stuart Ronan NSW Natural Resources Access Regulator</i>	Utilising Alternative Enforcement Responses to Prosecution: Case Studies in Environmental Enforcement <i>Dr Sarah Wright, University of Wollongong</i>
2.35pm	Room change		
2.40pm	Moving beyond standard controls for improved stormwater management: A Parramatta River Case Study <i>Ms Nell Graham, Parramatta River Catchment Group</i>	“How does a Social Impact Assessment process add value and reduce risk for companies and regulators alike? A synthesis of theory and practice” <i>Dr Piers Gillespie, SA Department for Energy and Mining</i>	Environmental Harms: A Matter of National Security? <i>Dr Brendan Walker-Munro, The University Of Queensland</i>
2.55pm			Leveraging international partnerships/learning from the international experience <i>Mr Garry Hall, Department of Climate Change, Energy, the Environment and Water</i>
3.10pm	Room change		
3.15pm	Intensive Horticulture - Compliance Project 2022 - North Coast NSW <i>Mr Stan Viney, NSW Environment Protection Authority</i>	Using AI technology as a complementary tool for managing Australia’s asbestos legacy <i>Dr Georgia Khatib & Ms Julia Collins, NSW Asbestos Safety And Eradication Agency</i>	Innovative Biosecurity Solutions <i>Ms Jessica May, Department Of Agriculture, Fisheries And Forestry, ACT</i>
3.45pm	Room change		
3.50pm	Conference closing remarks		
4.00pm	Afternoon Tea Upon Conference Concludes		