

22-Oct-24

Master of Ceremony - TBC

Stream 1

Stream 2

8.30am - 8.35am	Opening	Matt Potter, CEO, ALGA	Welcome and Introductions	5mins
8.35am - 8.45am	Opening		Welcome to Country	10mins
8.45am - 9.00am	Opening	Matt Potter, CEO, ALGA	Official Conference Opening	15mins
9.00am - 9.20am	Plenary Keynote No. 1	Dan Hikuroa, Associate Professor, Te Wānanga o Waipapa, Waipapa Taumata Rau/University of Auckland	Mauri - a relational approach to contaminated groundwater and land management	20 mins
9.20am - 9.40am	Plenary Keynote No. 2	Bradley Moggridge, Professor and A/Associate Dean (Indigenous Leadership and Engagement), University of Technology Sydney	Indigenous Water Values and Knowledge in Water Quality	20 mins
9.40am - 9.55am			Questions and Answers	15mins
9.55am - 10.00am	Sponsor			5mins

<p>Stream 2</p>				
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Morning Tea Networking

Training: Soil Background and Risk Assessment (ITRC)

10.30am - 12.30pm	Training	Trainers: Dr Brady Johnson, University of Aberdeen Chrissy Peterson, EHS Support Dr Charlie DeWolf, Trihydro Corporation	Soil Background and Risk Assessment	120mins
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Morning Tea Networking

Vapour and Ground Gas Management

10.30am - 11.00am	Theme Presentation	Peter Atchison, PAGeoConsulting Ltd.	Gas and Vapour Control CQA/verification - lessons learned	30mins
11.00am - 11.15am	Presentation	Shona Hobbs, AECOM NZ Ltd	Looking in the Right Place - Soil Vapour Investigation in New Zealand	15mins
11.15am - 11.30am	Presentation	Nicolas Franco, Riley Consultants Ltd	Vapour Intrusion: from risk to remediation strategy	15mins
11.30am - 11.45pm	Presentation	Simon Hunt, EHS Support New Zealand Ltd	Community Lane Re-Development	15mins
11.45am - 12.15pm			Questions and Answers	30mins
Presentation Pitch				
12.15pm - 12.20pm	Presentation Pitch	Sarah Westoby, SLR Consulting NZ Ltd	Good Planning for Contaminated Site Management	5mins
12.20pm - 12.25pm	Presentation Pitch	Simon Beardmore, e3 Scientific Limited	To understand when applying for consent under the NESCS as a discretionary activity is a reasonable proposition, and when it's poor practice	5mins
12.25pm - 12.30pm	Presentation Pitch	Dr Melanie Kah, The University of Auckland	Pesticide Residues in soils from Auckland and Waikato	5mins

12.30pm - 1.30pm	Break	Lunch		
Theme: Policy and Regulation				
1.30pm - 2.30pm	Panel Discussion	Chair: Tony Cussins Panel Members: Stephanie de Groot Partner, Kaiurungi	RMA reform in Aotearoa New Zealand – “Faster, cheaper, better...”?	60mins
2.30pm - 2.50pm	Presentation	Jeff Davenport, LDE Limited	Prosecution under the NES – Contaminated Soil: A Look at the Kokkosis Case	20mins
2.50pm - 3.20pm	Break	Afternoon Tea		
Theme: Insights From Our Next Gen of Practitioners				
3.20pm - 3.25pm	Presentation	Monique Hitchens, ADE Consulting Group	From Start to Finish (And a little in between)	5mins
3.25pm - 3.30pm	Presentation	Declan Fisher, Beca	Community Science for National-Scale Data on Residential Heavy Metal Contamination: Soilsafe & Dustsafe Aotearoa	5mins
3.30pm - 3.35pm	Presentation	Shailja Data, University of Auckland	Understanding the Status of PFAS Contamination in New Zealand	5mins
3.35pm - 3.40pm	Presentation	Sylvie Maclean, Tonkin & Taylor Ltd	Transforming Residential Redevelopments through Collaboration and Transparency	5mins
3.40pm - 3.45pm	Presentation	Ankita Saxena, ADE Consulting Group	From Mumbai to Mulch	5mins
3.45pm - 3.50pm	Presentation	Maryam Roshan Mooshaee, The University of	Improvement of bentonite performance by using natural polymer to minimize leachate leakage	5mins
3.50pm - 3.55pm	Presentation	Colter Carson, Tonkin & Taylor Ltd	Soil Greenhouse Gas Emissions under New Zealand Native Vegetation receiving Wastewater Irrigation	5mins
3.55pm - 4.15pm			Questions and Answers	20mins
4.15pm - 5.00pm	Keynote	Phil Stevens, Slow Farm	TBC	45mins
5.00pm - 7.00pm	Networking			

Lunch				
Theme: Measurement				
1.30pm - 1.45pm	Presentation	Dirk van Walt, Van Walt Ltd	Water Quality and Quantity Meters and Sensors - A look into the process of Audit and Maintaining the Health of your Equipment	15mins
1.45pm - 2.00pm	Presentation	Dr Jacob Jaine, ALS Analytica	Non-Targeted Screening of Emerging Contaminants using High Resolution Mass Spectrometry	15mins
2.00pm - 2.15pm	Presentation	Speaker TBC	Continuous Landfill Gas Monitoring	15mins
2.15pm - 2.30pm	Presentation	Nicola Peacock, Momentum Environmental Ltd	Presenting A Smoking Gun (XRF QA and QC)	15mins
2.30pm - 2.50pm			Questions and Answers	20mins
Afternoon Tea				
Theme: Quality Assurance and Quality Control				
3.20pm - 3.40pm	Presentation	Speaker TBC	NZ WorkSafe Update	20mins
3.40pm - 3.55pm	Presentation	Craig Cowper, Alliance	Are we building houses on dodgy foundations?	15mins
3.55pm - 4.10pm	Presentation	Andrew Rumsby, EHS Support	QA/QC What is it good for?	15mins
4.10pm - 4.25pm	Presentation	Martin Robertson, Z Energy	What Lies Beneath? Physical Hazards on Contaminated Sites	15mins
4.25pm - 4.40pm	Presentation	Speaker TBC	QAQC Pactice Note Launch	15mins
4.40pm - 5.00pm			Questions and Answers	20mins
Welcome Drinks				

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Stream 1

Stream 2

9.00am - 9.05am	Opening	Matt Potter, CEO, ALGA	Welcome and Introductions	5mins
9.05am - 9.55am	Plenary Keynote	Dr Lokesh Padhye, Associate Professor, University of Auckland	Emerging Contaminants in Aotearoa: PFAS, Microplastics, Pharmaceuticals and Other Trace Organics in Our Waters and Beyond	50 mins
9.55am - 10.00am	Sponsor			5mins
10.00 - 10.30am	Break		Morning Tea Networking	
Theme: Māori and Indigenous Perspectives in Contaminated Land and Groundwater Issues				
10.30am - 11.30am	Panel Discussion	Panel Members: Bradley Moggridge, University of Technology Sydney Erina Watene, Pou Putaiao (Chief Scientist Maaori) at NZ Bio Heritage National Science Challenge	Title: TBC	60mins
11.30am - 11.45am	Presentation	Megan Baddiley, WSP New Zealand Ltd	Te Ahu a Turanga – A case study in growing together. Nāu te rourou, nāku te rourou, ka ora ai te iwi	15mins
11.45am - 12.00pm	Presentation	Emmylou Cooke	Characterising the Exposure of Indigenous Australians to Contaminated Land	15mins
12.00pm - 12.15pm	Presentation	Sari Eru, EINZ	Mā te mohio ka marama, mā te marama ka matau (Sari Eru) An open, honest industry discussion that aims to improve tauiwi (non- Māori) engagement with mana whenua.	15mins
12.15pm - 12.30pm			Questions and Answers	15mins
12.30pm - 1.30pm	Break		Lunch	
Risk Assessment and Communication Training				

Morning Tea Networking				
Theme: Landfill Management				
10.30am - 10.45am	Presentation	Anthony Kirk, GHD	NZAS landfill hydrogeological assessment – a case study of contaminant transport in a coastal environment	15mins
10.45am - 11.00am	Presentation	Gabriela Staehle, ENGEO Ltd	Water Treatment Pilot Study – Landfill Leachate	15mins
11.00am - 11.15am	Presentation	Sean Finnigan, Fraser Thomas Ltd	Investigation and Options Assessment for Management and Remediation of the Tokanui Hospital Closed Landfill	15mins
11.15am - 11.30am	Presentation	Louise Wilson, Collaborations	Closed Landfill Remediation Using Sustainably Sourced Soils	15mins
11.30am - 11.45pm	Presentation	TBC	TBC	15mins
11.45am - 12.15pm			Questions and Answers	30mins
Presentation Pitch				
12.15pm - 12.20pm	Presentation Pitch	Dr Richard Stewart, RemBind Pty Ltd	Stabilisation and Reuse of PFAS Soil in NZ - Global Lessons and Local Examples	5mins
12.20pm - 12.25pm	Presentation Pitch	Kimberley Saflian, EarthScience Information Systems	Data informed approach to solve complex problems in a contaminated land investigation context	5mins
12.25pm - 12.30pm	Presentation Pitch	TBC	TBC	5mins
Lunch				
Emerging Issues and Contaminants of Concern				

1.30pm - 2.50pm	Training	Facilitators: Victoria Lazenby, Director, Terravale Consulting Dr Kate Hughes, Ecology Data Bank Services	Title: Risk Assessment for Contaminated Land Professionals	60mins
2.50pm - 3.20pm		Break		
Afternoon Tea				
Risk Assessment and Communication				
3.20pm - 3.35pm	Presentation	Marcus Herrmann, Riley Consultants Ltd	Risk Assessment, Asset Management and Environmental Rehabilitation of Closed Landfills	15mins
3.35pm - 3.50pm	Presentation	David Dangerfield, EHS Support New Zealand Ltd	Risk Assessment - Asbestos in Air v Soil Moisture in New Zealand	15mins
3.50pm - 4.05pm	Presentation	Hannah Mirabueno, Environment Canterbury	Navigating Communication During a Complex Site Remediation	15mins
4.05pm - 4.20pm	Presentation	Andrew Thomas, GHD Pty Ltd	The Precautionary Principle - Has It Helped or Hindered Communicating and Managing PFAS Risks?	15mins
4.20pm - 4.35pm	Presentation	Robyn Edwards, Tonkin & Taylor Ltd	The Long Road (map) to Remediation	15mins
4.35pm - 4.50pm	Presentation	Robert Gauthier, EDP Consultants	The Perception of Risk, vs Measured Risk A Case Study of the Identification, Classification, Risk Assessment and Remediation of Radionuclide Contamination from	15mins
4.50pm - 5.10pm			Questions and Answers	20mins
From 6.30pm	Pre drinks and Conference Dinner			

1.30pm - 1.45pm	Presentation	Mark Ballard, GHD Pty LTD	Use of Retardants in NZ Wildfires – Ticking Environmental Timebomb or Damp Squib?	15mins
1.45pm - 2.00pm	Presentation	Anna Kostiuik-Warren, Beca	Occurrence and Fate of Glyphosate and its Metabolite Aminomethylphosphonic acid (AMPA) in the Urban Environment	15mins
2.00pm - 2.15pm	Presentation	Brady Johnson, University of Aberdeen	The Role of Groundwater in Adapting to Climate Change and Increasing Resilience to Drought	15mins
2.15pm - 2.30pm	Presentation	Wynne Fickett, University of Otago Ōtākou Whakaiti, Waikato	Aotearoa New Zealand's New Government Proposal to Remove Hard-Won Protection for Waterways Will Worsen the Country's Freshwater Crisis	15mins
2.30pm - 2.50pm			Questions and Answers	20mins
Afternoon Tea				
Regulator Forum (Open to regulators only)				
3.20pm - 5.00pm	Regulator Forum	Facilitators: Michelle Begbie, Waikato Regional Dru Marsh Manager, Internal Review	Regulator Forum Note: There will be an on-line option with further	100mins

24-Oct-24

Master of Ceremony - TBC

Stream 1

Stream 2

9.00am - 9.05am	Opening	Matt Potter, CEO, ALGA	Welcome and Introductions	5mins
9.05am - 9.55am	Plenary Keynote	Victoria Lazenby, Director, Terravale Consulting	A Risk Assessors Guide to the Galaxy (of Emerging Contaminants)	50 mins
9.55am - 10.00am	Sponsor			5mins
10.00 - 10.30am	Break		Morning Tea Networking	
Plastics: Macro to Micro, Challenges and Solutions (Workshop: SETAC)				
10.30am - 11.50pm	Workshop	Trainers: Professor Sally Gaw, University of Canterbury Dr Terri-Ann Berry, Director of the Environmental Innovation Centre and Associate Professor at the School of Future Environments at Auckland University of Technology	Plastics: Macro to Micro, Challenges and Solutions This workshop will explore why reducing the use of plastics is a pressing sustainability issue and the challenges faced by Australasian Land and Groundwater Association members in navigating the use of plastic alongside increasing sustainability requirements.	80mins
11.50pm - 12.05pm	Presentation	Dr Julia Jaeger, Eurofins Environment Testing Australia Pty Ltd	Navigating Microplastics: Lab Setup, Protocols, and Environmental Prevalence	15mins
12.05pm - 12.20pm	Presentation	Elham Faraji, University of Auckland	Advanced Quantification of Soil Microplastics Using FTIR and Pyrolysis-GC/MS Techniques	15mins
12.20pm - 12.30pm			Questions and Answers	10mins
12.30pm -1.20pm	Break		Lunch & AGM	
Theme: Sustainability and Resilience in Assessment and Remediation				
1.20pm - 1.35pm	Presentation	Ben Keet, K8 Ltd	Sustainable Remediation of Former Gasworks Site in Masterton, New Zealand	15mins
1.35pm - 1.50pm	Presentation	Paul Kennedy, Kennedy Environmental Limited	Re-Use of dredged marine sediment in New Zealand	15mins
1.50pm - 2.05pm	Presentation	Sam Willis, Alliance	The Land of the Long White Cloud, cheap landfilling and lessons to be learnt around legal soil reuse	15mins
2.05pm - 2.25pm	Presentation	Dr Seethal Sivarajan, BTW	Testing simple remediation techniques to recover the New Zealand pasture from major tephra fall	15mins
2.25pm - 2.50pm			Questions and Answers	20mins
2.50pm -3.20pm	Break		Afternoon Tea	
Theme: Groundwater Fate and Transport				
3.20pm - 3.50pm	Theme Presentation	Dr Rory Lane, BlueSphere Environmental Pty Ltd	Remediation of Trichloroethene Impacted Groundwater via Bioaugmented In-Situ Reductive Dechlorination in a Clay-Rich, Low Permeability Aquifer	30mins
3.50pm - 4.05pm	Presentation	George Ivey, Ivey Interantioanl Inc.	Sustainable Surfactant Enhanced Hydrocarbon, Chlorinated Solvent, and PFAS Remediation Resolving Hydro-Geo-Chemical Limitations	15mins
4.05pm - 4.20pm	Presentation	Samantha Iles, SLR Consulting NZ Ltd	Hydrocarbon Groundwater Plume Monitoring – An Oil Industry Practice Note	15mins

Morning Tea Networking				
Theme: Trace Elements				
10.30am - 11.00am	Theme Presentation	Dr Nick D Kim, Massey University	Tolerable risks and untenable outcomes: it's time to review the national soil standard for arsenic	30mins
11.00am- 11.15am	Presentation	Dr Ayrton Hamilton, The University of Auckland	Erionite in New Zealand, assessing and managing risk: What we now know	15mins
11.15am - 11.30am	Presentation	Simon Beardmore, e3 Scientific Limited	Quicksilver in the Goldfields of Otago	15mins
11.30am - 11.45am	Presentation	Shona Hobbs, AECOM NZ Ltd	Following the Evidence – A Contaminated Land Detective Story	15mins
11.45am - 12.00pm	Presentation	Jonathan Caldwell, Waikato Regional Council	Managing Acid Sulfate Soil Risks to the Environment and Infrastructure	15mins
12.00pm - 12.30pm			Questions and Answers	30mins
Lunch & AGM				
New Zealand and Australian WQ Guidelines (Workshop: SETAC)				
1.20pm - 2.50pm	Workshop	Trainers: Rick van Dam, WQadvice Jennifer Gadd, Hydrotoxy Research	Relevance of the ANZG Guidelines for Fresh and Marine Water Quality to New Zealand, with cross linkage to the NPS-FM	80mins
Afternoon Tea				
Theme: AI and Beyond: Revolutionising the Industry				
3.20pm - 4:05pm	Keynote	Ton Dijkgraaf, Director, Slam Learning Company	AI Dichotomy: Advances Amidst Adversities	40mins
4.05pm - 4.20pm	Presentation	Tom Davies, Datanest	Embracing AI and Technological Evolution in the Contaminated Land and Industry	15mins

4.20pm - 4.35pm	Presentation	Simon Hunt, EHS Support New Zealand Ltd	Groundwater Surface Water Interactions – Sampling Pore Water to Establish Exposure Point Contaminant Concentrations	15mins	4.20pm - 4.35pm	Presentation	Georgie Shaw, Alliance	ChatGPT, write me an AI for Beginners Abstract Title	15mins
4.35pm - 4.50pm	Presentation	Bryden Tiddy, Tetra Tech Coffey Pty Ltd	Surface Water/Groundwater Interactions And How Dilution Effects Can Adversely Influence Remediation Decisions	15mins	4.35pm - 4.50pm	Presentation	Kimberley Saffian, EarthScience Information Systems	New Zealand Defence Digital Data Platform. Quality control and quality assurance in contaminated land data management to improve reporting outcomes	15mins
4.50pm - 5.10pm			Questions and Answers	20mins	4.50pm - 5.10pm			Questions and Answers	15mins
5.10pm - 5.15pm Closing									