

# Clean Up 2024 Presenters





## Dr Ian Ross

**Vice President, PFAS Practice Leader**

Ian Ross, one of the world's most accomplished PFAS experts, serves as the global PFAS practice leader at CDM Smith.

[More Info](#)

Presentation: Fate and transport of PFAS considering both per- and polyfluoroalkyl substances, fluoro surfactant physical chemistry and multiple bulk uses.



## Dr Tamzen Macbeth

**Senior Vice President, Remediation Practice Leader**

Tamzen Macbeth is an internationally recognized remediation expert specializing in the development, demonstration, and implementation of innovative, cost-effective technologies for contaminated soil, sediment, and groundwater.

[More Info](#)

Presentation: PFAS in drinking water: challenges with implementing the new US regulations.

Workshop: Data and PFAS Analytics – AI Approach and Case Studies.



## Christian Wallis

**National Discipline Lead - Environment and Technology,  
Environmental Auditor**

Principal Scientist with more than 25 years' experience applying innovative approaches to the investigation, remediation & auditing of precinct scale contaminated and ecologically sensitive environments.

[More Info](#)

Presentation: Application of cloud-based digital environmental auditing to support a large-scale remediation project, and how it could be further enhanced through generative AI.



## Jonathan Medd

**Principal – Strategist - Environmental Auditor**

Jonathan has over 30 years' experience in a wide range of industries including construction, mining, oil and gas, manufacturing, Defence, land development, hazardous waste, water and wastewater across Australia.

[More Info](#)

Presentation: Closure – when is enough enough?  
An auditor's perspective for PFAS remediation.



## Ivan Kwan

**Principal Environmental Engineer**

Ivan Kwan is a Principal Environmental Engineer and accredited by the Department of Water and Environmental Regulation (DWER) as a Contaminated Sites Auditor in Western Australia and the South Australian Environmental Protection Authority (EPA) as a Site Contamination Auditor.

[More Info](#)

Presentation: climate resilience in contaminated sites remediation.



## Dr Hannah Mikkonen

**Principal - Environmental Science (CPSS)**

Hannah is a Principal Environmental Scientist in the field of contaminated environment and remediation. Hannah is also a Certified Practicing Soil Scientist (CPSS) and industry leader in characterising the nature, distribution and potential toxicity of geogenic metals.

[More Info](#)

Presentation: State of the practice: case studies for distinguishing contamination from background in soil and groundwater.



## Zoom Nguyen

### Environmental Engineer

Zoom Nguyen is an environmental engineer. As an expert in treatability studies, Zoom manages daily operations at the firm's Bellevue, Washington Research and Testing Laboratory, which includes innovative research into PFAS fate and transport and treatment technologies.

[More Info](#)

Presentation: Removal of per- and polyfluoroalkyl substances from wastewater via aerosol capture.



## Matthew Barham

### Project Environmental Engineer

Matthew is an environmental consultant at CDM Smith Australia, where he leverages his extensive experience in environmental science and engineering to drive impactful projects.

[More Info](#)

Presentation: Living with our legacy: Advancing sustainable waste management in Victoria.



## Abe Wright

### Senior Environmental Engineer

Abe is a qualified environmental engineer with a specialisation in risk, remediation, and contaminated environments.

[More Info](#)

Presentation: Data visualisation – Shining a light on subsurface data to optimise remediation options assessment.

Starting at the end: optimising enhanced in situ bioremediation for TCE.



## Jai Singh

### Project Environmental Scientist/Risk Assessor

Jai is a Project Environmental Scientist/Risk Assessor with over five years of experience and has worked on a wide variety of complex contaminated land and groundwater projects, specifically in areas of environmental site assessments, environmental data analysis, contaminant fate and transport, and environmental/human health risk assessment.

[More Info](#)

Presentation: Application of PFAS forensics examining the distribution of PFAS in sources and receptors.



## Dr Claudia Pelizaro

### Lead Data Scientist

Claudia is a Senior Spatial Data Scientist with 15+ years of expertise in predictive analytics, GIS and data-driven solutions across environmental, utility, water, transportation, and urban planning sectors.

[More Info](#)

Workshop: Data and PFAS Analytics – AI Approach and Case Studies



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