

# Transforming the Flowsheet for Tailings:

## Innovation for a Sustainable Future

### Key Themes:

- Particle size management
- Tailings characterisation
- Clays and water
- Flowsheet selection
- Size separation
- Dewatering
- Tailings placement.

### GLOBAL TAILINGS INITIATIVE



**CEEC International**

### Event Details:

-  **Sunday  
22 March 2026**
-  **09.00AM - 3.00PM**
-  **Adelaide  
Convention Centre**

**Reserve Your  
Spot Now!**

**FREE ENTRY!**  
(Limited slots available)

# Workshop Overview

Tailings management solutions from minerals processing plants generally falls towards one of two bookends; wet thickened tailings, or pressure filtered and dry stacked tailings. However, there are a range of intermediate solutions and 'tricks' around managing particle sizes that have the potential to create a range of other viable tailings management options. This workshop will explore these options for existing and new projects.

## What You'll Learn:

- Explore a wide range of tailings solutions across the full spectrum, from wet to dry, considering real-world constraints.
- Understand how particle size, mineralogy, water chemistry, and clays influence upstream and downstream decisions.
- Identify key flowsheet levers (pre-concentration, comminution, classification, separation and filtration) that shape tailings behaviour and water outcomes.
- Collaborate on challenges, opportunities and emerging ideas to drive innovation and future research in sustainable tailings management.

## Unique Features

- Cross-disciplinary learning linking mineral processing, water, tailings, and geoscience.
- Highly interactive format with group exercises, facilitated discussions, and scenario-building.
- Independent, non-commercial environment convened by CEEC International.
- Practical insights informed by CEEC's Global Tailings Initiative and partner network.
- Designed for innovation - participants help shape future research themes and industry guidance

## Who Should Attend

Metallurgists & Process Engineers | Tailings & Water Specialists | Mining Leaders & Study Managers | OEM Designers & Technology Developers | Researchers & PhD Candidates

## Presenters



**Matt Pyle** – Ausenco

A specialist in tailings, energy efficiency and flowsheet development, with practical expertise in linking upstream and downstream design elements to tailings outcomes.



**Andrew Vietti** – Vietti Slurrytec

Andrew brings decades of experience in tailings dewatering design, rheology, closure planning and operational optimisation. His industry insight helps bridge the gap between processing decisions and real-world tailings behaviour.



**Campbell Haines** – Ausenco

Campbell has extensive copper-gold operational experience across the Asia-Pacific region, leading teams at varied site scales, managing wastewater and cyanide treatment, delivering brownfield projects, and navigating community and environmental interfaces responsibly.