

Maintaining Chemical Stability within Tailings Storage Facilities (TSF) – What do we need to consider in the context of the Global Industry Standard on Tailings Management?

Time/Day Australia (AEST)	Time/Day USA (EST)	Time/Day Europe (CEST)	Delivery	Main objective	Description
8:00 AM (19 Sept) - 12:00 PM (19 Sept)	6:00 PM (18 Sept) - 10:00 PM (18 Sept)	12:00 AM (19 Sept) - 4:00 AM (19 Sept)	Live	This short course is intended to provide tailings managers and engineers of record (EOR) a basic understanding of chemical stability considerations in tailings storage facilities, potential geochemical failure modes, and strategies to promote chemical stability while maintaining compatibility with the designs for physical stability.	<ol style="list-style-type: none"> 1. Course Introduction and Objectives 2. Virtual Survey – Engagement with Participants to Focus Discussion and Topics 3. Setting the Stage – Overview of Current Tailings Guidance and Standards 4. Chemical Stability and Physical Stability – Engineer of Record (EoR) Oversight 5. Geochemical Considerations – Metal Leaching and Acid Rock Drainage (ML/ARD) Prediction and Geochemical Failure Modes 6. Conceptual Geochemical Models of Tailings Behavior: Operations and Closure 7. Dynamic Modelling Examples over the Mine Life Cycle 8. TSF Design and Management for Geochemical Stability 9. Participant Discussion and Review