

Workshop 2 - IOSTC 2026

Tailings Risk for Mining Operations

Building Awareness. Strengthening Responsibility. Reducing Risk.

Full-Day Workshop on Sunday, November 29, 2026

An informed workforce is an empowered workforce. Across mining operations, personnel at every level make risk-based decisions daily—often without recognizing their broader implications. With global attention on tailings facilities increasing in the wake of recent failures, and with evolving standards such as the Mining Association of Canada Towards Sustainable Mining and the *Global Industry Standard on Tailings Management (GISTM)*, it is essential that everyone involved in tailings understands the associated risks, regulatory expectations, and responsibilities that come with maintaining a social licence to operate.

Course Overview

This comprehensive course provides industry professionals with a foundational understanding of tailings risk, governance, and management. Participants will learn how to recognize potential risks in the field, apply effective mitigation and management strategies, and engage in responsible communication across operational teams.

Key topics include:

- Understanding **tailings facility risk** and field-based identification
- **Risk mitigation** and control strategies across the facility lifecycle
- **Risk management frameworks** and governance structures
- **Regulatory compliance** and alignment with **international standards**
- **Innovation and emerging technologies** in tailings management
- The **critical role of communication** across technical, operational, and leadership groups

Learning Outcomes

By the end of this course, participants will be able to:

- Identify key tailings risks and early warning indicators in the field
- Apply structured risk management principles to tailings operations
- Understand how governance frameworks and compliance standards apply to their work
- Communicate effectively across disciplines to enhance overall facility safety and performance

Who Should Attend

This course is designed for professionals involved in any aspect of tailings operations or management, including:

- Mining and tailings operators
- Field supervisors and maintenance personnel
- Engineers and geoscientists
- Environmental and health & safety specialists
- Supply chain and logistics personnel

- Managers, superintendents, and operational leaders
- Senior Leadership