



## Workshop G

## **Risks & Reliability in Rock Slope Engineering**

Geological uncertainty, geotechnical data limitations, predicting failure mechanisms, assessing slope stability to understand likelihood and consequence of failure, designing against failure, case studies.

Friday, October 30, 2026 Time: Full Day (approx. 8 hours including 1 hour for lunch break) Language: English

ISRM Commission: Risks and Reliability in Rock Slope Engineering <a href="https://isrm.net/page/show/1736">https://isrm.net/page/show/1736</a>

Chair:	ТВА
Instructors:	ISRM Commission Members
	Dr Alison McQuillan, Rocscience Inc
	Mr Christian Cancino, Itasca Consulting Group
	Dr Harry Saroglou, National Technical University of Athens
	Mr Phil de Graaf, Giraffe Mining Consultants
	Dr Zoran Berisavljevic, University of Belgrade
	Dr Neil Bar, Gecko Geotechnics

## Details:

- Introduction (Commission Purpose, Civil and Mining, etc)
- Technical Presentations (6x 45 minutes approx.):
  - Geotechnical Uncertainty and Data Limitations in Different Geological Settings (Traditional Data Collection and New Technologies)
  - Failure Mechanisms in Rock Slopes (Theory and Case Studies)
  - Assessing Slope Stability Simple to Comprehensive Approaches (Physical, Analytical, Empirical and Numerical Methods)
  - Considering Likelihood and Consequences of Failure (Rock Slopes, Dumped / Rock Fill Slopes and Rock Falls)
  - Designing Against Failure
  - Managing Residual Risks (Verification, Monitoring and TARPs)
  - Questions and Answers Session (30 45 minutes)

October 26 to 29, 2026

Lima Convention Center

www.slopestability2026.com/en





Sociedad Peruana de Geoingeniería-SPEG Grupo Nacional de la ISRM International Society for Rock Mechanics and Rock Engineering "SLOPE FOR SAFETY **PERFORMANCE"**