

Earlybird
registration
ends 3 May
2024

ACG Geomechanics Data for Underground Mines Course

8:00–12:30 AWST, 11–13 June 2024 | Industry Hub, EZONE, The University of Western Australia, Perth, Western Australia | Online

This course, facilitated by ACG director Associate Professor Johan Wesseloo, is specifically structured for those requiring further knowledge and training on the gathering and management of geotechnical data and the interpretation and best use in underground mining operations.

Objective: To develop a sound understanding of intact rock strength and rock mass properties, and to become familiar with recognised techniques used to assess these properties.

Program content

- **Data collection strategy**
- **Data gathering**
 - ◇ Field data
 - ◇ Laboratory testing
 - ◇ Stress general concepts
 - ◇ Stress measurements
- **Data management, storage and interpretation**
 - ◇ Data management & QA/QC
 - ◇ Data interpretation - intact rock
 - ◇ Data interpretation - discontinuities
 - ◇ Rock mass classification
- **Geotechnical models**
 - ◇ Geotechnical block models
 - ◇ Model of rock mass fabric
 - ◇ Model of in-situ stress
- **Monitoring**
 - ◇ Mine geotechnical monitoring
 - ◇ Damage data collection

There are sponsorship opportunities available for this event, allowing for the promotion of your product or service to a highly specific audience. To learn more or express your interest, email events-acg@uwa.edu.au

Who should attend?

Geotechnical engineers, mine managers, mining engineers, mine geologists, mining supervisors and operators, suppliers, mining contractors and mines inspectors may benefit from attending the course.

Participation in this event may count towards your professional development hours.

This event will be held both in person and online to facilitate participation from anywhere in the world.

Course facilitator & presenter



Associate Professor Johan Wesseloo
Director
Australian Centre for Geomechanics

Course presenters



Dr Daniel Cumming-Potvin
Project Lead - mXrap
Australian Centre for Geomechanics



Professor Yves Potvin
Professor of Mining Geomechanics
Australian Centre for Geomechanics



Denisha Sewnun
PhD Student and Research Fellow
Australian Centre for Geomechanics