

# GEOTECHNICAL RADAR MONITORING

for Real-Time Mine Slope Monitoring



THE UNIVERSITY OF ARIZONA

School of Mining  
& Mineral Resources

Course begins  
February 18, 2025

Offered by the **Geotechnical Center of Excellence**, this 14-week professional development course is asynchronous, featuring approximately 24 hours of pre-recorded content. It includes live, virtual panel discussions with subject matter experts and remains accessible for a full year after the live component concludes.

**R**adar systems are an essential tool for real-time slope monitoring in the mining industry, playing a critical role in comprehensive pit monitoring programs when applied effectively. This course is designed to enhance geotechnical professionals' proficiency with radar systems, offering practical insights and fresh perspectives through real-world case studies from diverse mining operations. **Course begins February 18, 2025, with a 14-week live component and year-long access.**

## A Professional Development Course Covering:

- Ground-based Synthetic Aperture Radar (SAR)
- Ground-based Real Aperture Radar (RAR)
- Data interpretation
- Satellite-based InSAR, Capabilities/limitations
- Real-world examples and case studies

## This course is designed for:

- Geotechnical professionals who work with these systems daily or are interested in using radar in the future.
- Consultants tasked with interpreting radar data, or integrating radar data into numerical models.
- Anyone looking to strengthen their skills in slope monitoring!

**\$899\* USD**

*Discounts for GCE members, groups, and students.*

REGISTER



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## LEAD TECHNICAL ADVISORS



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## Questions?

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