**Water in Mine Operations and Slope Stability**

*Course Starts July 15, 2021*  
*Now Accepting Registrations!

Developed in Partnership with:  
![Piteau Associates](image)

And Based on the  
Large Open Pit Project (LOP) Book:  
*Guidelines for Evaluating Water in Pit Slope Stability*

---

**Geotechnical Center of Excellence**  
**Professional Development Course: Online and Live**

Offered by the Geotechnical Center of Excellence (GCE) at the University of Arizona, developed and taught by some of the leading industry experts in Mining Hydrogeology. This course is based on the LOP Guidelines book, but also adds additional and updated material for controlling water in mining operations and improving geotechnical slope stability. The course will also include case studies of water management challenges and solutions in open pit and underground mines.

**Who Should Attend?** Geotechnical Engineers, Hydrogeologists, Mining Engineers and Managers who are interested in gaining a better understanding of the role water plays in mine operations and slope stability.

**What the Course Offers –**
- Framework and Site Characterization  
- Development of a Conceptual Hydrogeological Model  
- Numerical Model Applications  
- Implementation of Mine Water Control Systems  
- Monitoring and Design Reconciliation  
- Practical Case Studies

**Course Timeline –**
- 10 weeks of online learning modules (starting July 15, 2021)  
- Approximately 2 hours of pre-recorded presentations per week  
- Live bi-weekly Q&A sessions: virtual webinar with expert panel  
- Attendee Mini-Symposium: course end virtual event

**For More Information or to Register for the Course:**
Email the GCE:  
gce@arizona.edu

Course Fee: $899 USD*  
*Discounts available for GCE members, students, and groups

---

**Expert Instructors –**
- Geoff Beale, Jeremy Dowling, Simon Sholl, Martin Williams – Piteau Associates  
  - Blair Douglas – BHP  
  - Carolina Ahumada – Minera Escondida  
  - Phil de Graaf – De Beers Group  
  - Travis White – Anglo American  
  - Other Industry Experts