

Hands-On RockWorks25 Training Class

Instructor: Jim Reed, RockWare Inc.

Date & Time: Saturday, October 4th, 2025 — 9:00 AM to 5:00 PM

Location: AIPG Annual Conference

DoubleTree by Hilton Hotel St. Louis – Chesterfield
16625 Swingley Ridge Road, Chesterfield, MO 63017

Description:

This full-day, hands-on training class introduces geoscientists and engineers to the powerful modeling and visualization tools available in RockWorks25—a versatile software platform widely used in mining, groundwater, environmental, and geotechnical projects.

Led by Jim Reed of RockWare, the class focuses on managing borehole data and generating a wide range of subsurface interpretations, including cross-sections, fence diagrams, and 3D block models. Special emphasis will be placed on geologic modeling techniques and resource computation methods.

Planned topics include (subject to adjustment based on audience needs and interests):

- **Introduction to RockWorks**
- **Viewing and managing raw borehole data**
- **Creating stratigraphic models and diagrams**
- **Building lithologic models and interpreting subsurface variability**
- **Generating geochemical, geophysical, and geotechnical models**
- **Working with water levels and time-based datasets**
- **Automating workflows using the RockWorks Playlist**
- **Using the RockWorks Datasheet and Utilities tools**
- **Grid and solid modeling techniques**
- **Importing CAD, GIS, and image files into RockWorks**
- **Designing report-ready layouts using ReportWorks**
- **Contouring sparse datasets using interpolation options**
- **Animating contaminant plume migration**
- **Advanced modeling techniques for plumes and lithology**
- **Creating 3D fault surfaces from polylines**

What's Included:

Participants will receive printed training manuals, a temporary RockWorks25 license valid for the duration of the class, and Continuing Education Credits (CECs) along with breakfast, lunch, breaks and an evening reception.

This course is ideal for both novice and experienced RockWorks users involved in mining, resource evaluation, groundwater studies, environmental remediation, and geotechnical investigations.

Please Note:

Participants must provide their own laptop computers. Temporary RockWorks licenses will be provided for those who do not already own a license.