Instructor:
EGI Research Staff & Affiliate Scientists

Course Structure
1 day Core Workshop
3 days Field Course

Participants
10–15

Duration
4 days

Training Courses

Carbonate Sedimentology & Sequence Stratigraphy Field Course
Petroleum Systems of the Paradox Basin

Available to EGI Corporate Associate Members

Day 1: EGI & UGS Core Library (Salt Lake City, UT)
- AM: Refresher course on sedimentology and sequence stratigraphy of carbonate depositional systems. (EGI 3rd floor)
- PM: Description and interpretation of core from the Middle Pennsylvanian Paradox Formation, Paradox Basin, Utah. (Utah Geological Survey)
  • Drive to Price, UT. Spend the night in Price.

Day 2: Price to Bluff, UT
- AM: Clastics and carbonates, including Sinbad Limestone, in the San Rafael Swell
- Drive to Moab;
- PM: Upper Hermosa Outcrops near Potash, Utah (mixed carbonate-siliclastic facies);
  • Continue drive to Bluff, UT and spend two nights in Bluff.

Day 3: Honaker Trail Sections
- AM: Carbonate sedimentology and sequence stratigraphy of the Hermosa Group at Honaker Trail; emphasis on facies, facies stacking patterns, recognition of sequence boundaries, flooding surfaces, systems tracts and scales of cyclicity. (Strenuous hiking)
- PM: Aneth Field; discussion of production history of the Aneth Field
Figure 1. East wall of the San Juan River gorge.

**DAY 4: FLOAT TRIP THROUGH THE RAPLEE ANTICLINE:**
- AM: Jurassic through Middle Pennsylvanian rocks from the San Juan river. Eight-Foot Rapids Lower Ismay phylloid algal mound complex. Reservoir facies and source rocks.
- PM: Desert Creek facies and cyclicity. Discussion of Akah evaporates.
- Summation of Paradox Basin stratigraphy and petroleum systems.
- Attendees are responsible for fees associated with float trip. Contact EGI for estimated cost per person.

At the conclusion of the field course there are two options from Bluff to airports with flights to Houston and elsewhere:
- Option A – Return to and spend the night in Salt Lake City or overnight in Moab, UT and continue to SLC airport the next day
- Option B – Continue on to and spend the night in Farmington, NM or Grand Junction, CO.

**DAY 5: FLIGHTS HOME**