Instructor:
EGI Research Staff & Affiliate Scientists

Training Courses

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

Available to EGI Corporate Associate Members

Course Structure
1 day Core Workshop
3 days Field Course

Participants
10–15

Duration
4 days

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.**

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**