

***Fundamentals of Environmental Sequence Stratigraphy (ESS)
for CSMs and Remedial Strategies***

Course Outline

- 1. Lithostratigraphy vs. Sequence Stratigraphy (~30 minutes)**
 - Background
 - What's wrong with lithostratigraphy?
 - Lithostratigraphy vs. Sequence Stratigraphy
- 2. Fundamentals of Sequence Stratigraphy/Correlation (~30 minutes)**
 - Fundamentals of Sequence Stratigraphy
 - Walther's Law
 - Accommodation vs. Supply
 - The sea level curve and systems tracts
 - Parasequences
 - Exercise – Correlation walk-through
- 3. Q&A session (5 Minutes)**
- 4. ESS + Case Studies (~45 minutes)**
 - Case Studies involving real environmental data sets!
- 5. Final Q&A (~10 minutes)**