

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

**Presenter Biography**

**Mr. Ryan Samuels** holds a MS degree in Sequence Stratigraphy and Sedimentology from Texas A&M University-College Station, and a BA degree in Geology from Franklin and Marshall College. As a lead geologist/stratigrapher on AECOM's PRISM® team, he plays a pivotal role in applying environmental sequence stratigraphic (ESS) techniques to develop high-resolution CSMs, identify data gaps, advise site investigation activities, and inform effective remedial decision-making. He has taught numerous professional courses in applied sequence stratigraphy and his strong background of previously working in the oil sector has helped him to bring fresh and cutting-edge concepts of geology to the environmental industry. Over the past 4 years, he has gained extensive experience developing robust CSMs for the US Department of Defense, private industry, and regulatory agencies and his excellent work product has been highlighted in both domestic and international forums.