

TWEI: Virtual Water Lecture Series

Friday, June 25th
10:00-11:30 am CST

Title: Geochemical Alterations in Unconventional Oil/Gas
Shales: Impact of Base Fluids and Additives

 **REGISTER NOW!**

WHAT CAN YOU EXPECT?

This lecture will focus on alterations to shales caused by stimulation fluids using both freshwater and clean brine base fluids. This includes the use of laboratory- and synchrotron-based imaging/spectroscopy methods to investigate the altered shale matrix and provide insight into the important geochemical processes that are occurring in the stimulated rock volume upon injection of stimulation fluids.

ABOUT THE SPEAKER:



Dr. Adam Jew

Dr. Jew is an Associate Staff Scientist at SLAC National Accelerator Laboratory specializing in geochemistry using synchrotron-based imaging/spectroscopy techniques for the past 5+ years. He received his BS in geology from Arizona State University and his PhD from Stanford University where his research focus was looking at biogeochemical alterations of mercury mines in California. He transitioned into the energy field by investigating heavy metal interactions with coal.

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