

Constraining San Juan River incision rates using ^{10}Be and ^{36}Cl

Stanford University



One chapter of my PhD dissertation is focused on fluvial deposits which currently sit 32 meters above the modern San Juan River near Mexican Hat, Utah. Our goal is to constrain the <1 million year incision rates for the San Juan River to further our understanding of how the Colorado River basin may be affected by the incision of the Grand Canyon.



Visitor: Aaron Steelquist

Visit dates: October 15-19, 2018

Aaron and Stanford Earth Materials Lab Manager Katie Dunn will be coming to learn processing protocols as they exist at Vermont and compare to current operating procedures at the Stanford Cosmogenic Radionuclide Target Prep facility.