

Patterns of erosion rate and topography along the Green River in Desolation Canyon, Utah

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Desolation Canyon is a 65 mile long gorge through the Tavaputs Plateau where the Green River is driving incision. I will address questions about when this canyon started to incise and why the steep rugged canyon is shaped the way it is by comparing rock strength and erosion rates in the canyon. Data from ^{10}Be measurement will help us understand geomorphic evolution of the canyon and will help frame talk about the greater Colorado River.



Visitor: Andy Darling

Visit dates: N/A- Unable to visit due to COVID-19 restrictions

Since my MS in '09, I have wanted to tackle the evolution of this canyon. Somehow this research has always been a side project, but now that I am more focused on teaching I also have an opportunity to step back and get back to this fun play!