

Constraining the last rupture of the Nicholia segment on the Beaverhead fault, ID

Idaho State University



For my Masters thesis I will be constraining the timing of the last earthquake on the Nicholia fault segment in SE Idaho. By accurately timing the last rupture, we can further improve the seismic hazards for the Idaho National Lab , the nations largest domestic nuclear lab. I predict that the boulders located on the fault scarp will yield exposure ages that are around 15ka based on previous studies.



Visitor: Emma Collins

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

My name is Emma Collins and I originally from Pittsburgh, PA. I am currently pursuing my Masters in Geology at Idaho State University. I am hoping to learn more about how cosmogenic dating can apply to fault scarps!