

Catastrophic Rock Avalanches in the Nooksack River Basin, Whatcom County, WA

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In this study, I examine a suite of long-runout catastrophic rock avalanche deposits in the Nooksack River Basin, Whatcom County, WA. I use two primary dating methods (^{14}C and ^{10}Be CRN) to determine the ages of these landslides and to test their potential triggering mechanisms (e.g., earthquakes, heavy rainfall, glacial debuttressing). I expect Cascadia Subduction Zone earthquakes to have triggered one or more of these large landslides.



Visitor: Eric Brown

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

I am a graduate student in the Geology Department at WWU. Unfortunately, due to the COVID-19 pandemic I am not able to visit UVM-CCF in person, but I am still hoping to learn everything I can about cosmogenic dating.