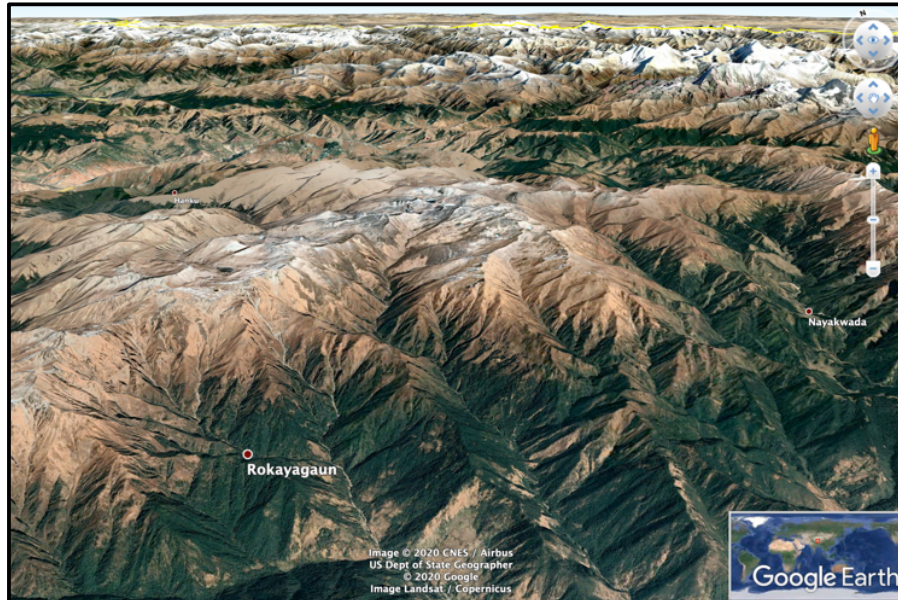


Origins of the Bhumichula Plateau, a high-elevation, low-relief surface, Nepal Himalaya

University of Toronto Mississauga, University of Arizona



High-elevation, low-relief topographic surfaces are preserved in many of Earth's mountain ranges, but the origins of these surfaces are poorly understood. The Bhumichula Plateau may represent a recently-uplifted relict landscape or it may be a remnant of a larger proto-Tibetan plateau undergoing erosion due to changing regional climate or orography. We plan to use cosmogenic ages and erosion rates to unravel this history.



Visitor: Alexander Tye

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

I am a postdoctoral researcher at University of Toronto-Mississauga. I use structural geology and stratigraphic records to study the formation and erosion of mountain belts. Cosmogenic nuclide dating is new to me so I look forward to working with the data!