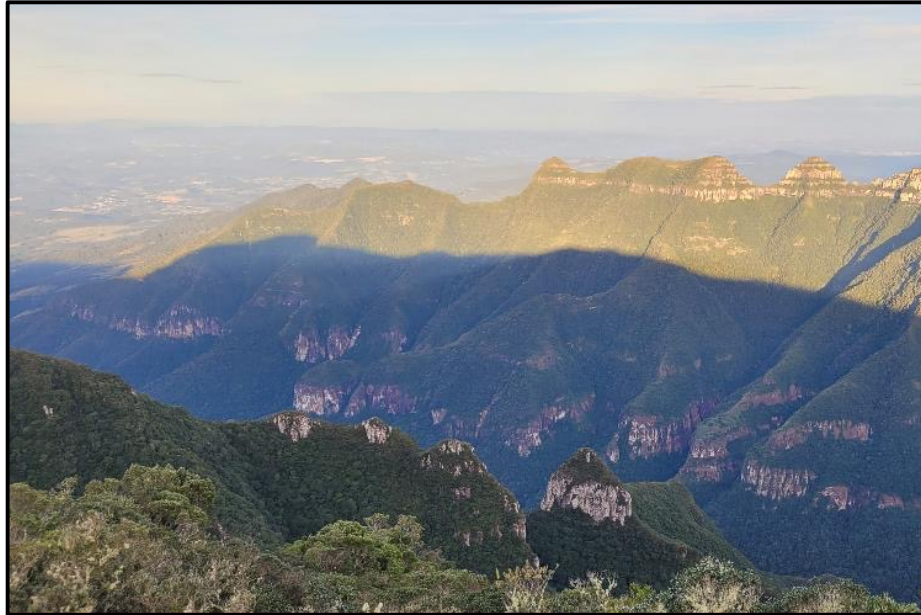


# Erosion rates along the continental escarpment in Southern Brazil

*University of Toronto*



Continental escarpments are common features along many passive margins. This project seeks to determine erosion rates along the Brazilian continental escarpment (> 1,000 m in elevation) in SE Brazil. Erosion rates will be used to understand the long-term evolution of this landscape, and answer the following questions: 1) how lithology influences the rate of escarpment retreat? 2) what are the effects of river capture in this region?



**Visitor:** Mauricio Barcelos Haag

**Visit dates:** June 19-30 and September 18-28, 2023

I am 2<sup>nd</sup> year Ph.D. student at the University of Toronto studying the landscape and tectonic evolution of the Parana-Etendeka Igneous Province. I am visiting the CCF because I want to get hands-on experience in sample processing for erosion rates.