



AU

Canada's
Open
University

MScIS Grad Orientation -2024

Current Research



Current Research

- The chronology of landscape responses to climate forcing in the North Saskatchewan River Valley





Current Research

- The Laurentide Ice Sheet retreated from the region about 14,000 yrs ago
- Sediments have been deposited in the North Saskatchewan River valley since then





Current Research

Sediments deposited in the North Saskatchewan River Valley over the last 14,000 years at Edmonton

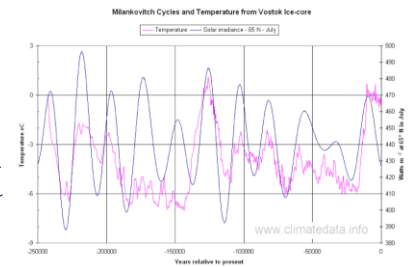
Mazama Volcano
Marker (7600
years old)





Priming FST Learners for Success

- We are collecting these sediments and dating them to determine the timing of their emplacement
 - We think the timing of the deposition is not isolated
 - It is influenced by global forces that are need to be unraveled
 - Compile data of depositions from regional sites as well as global sites
 - Compare the chronologies
 - Use any trends to explain the external forcing agent



Results will be used to determine how the region will respond to human induced climate change

