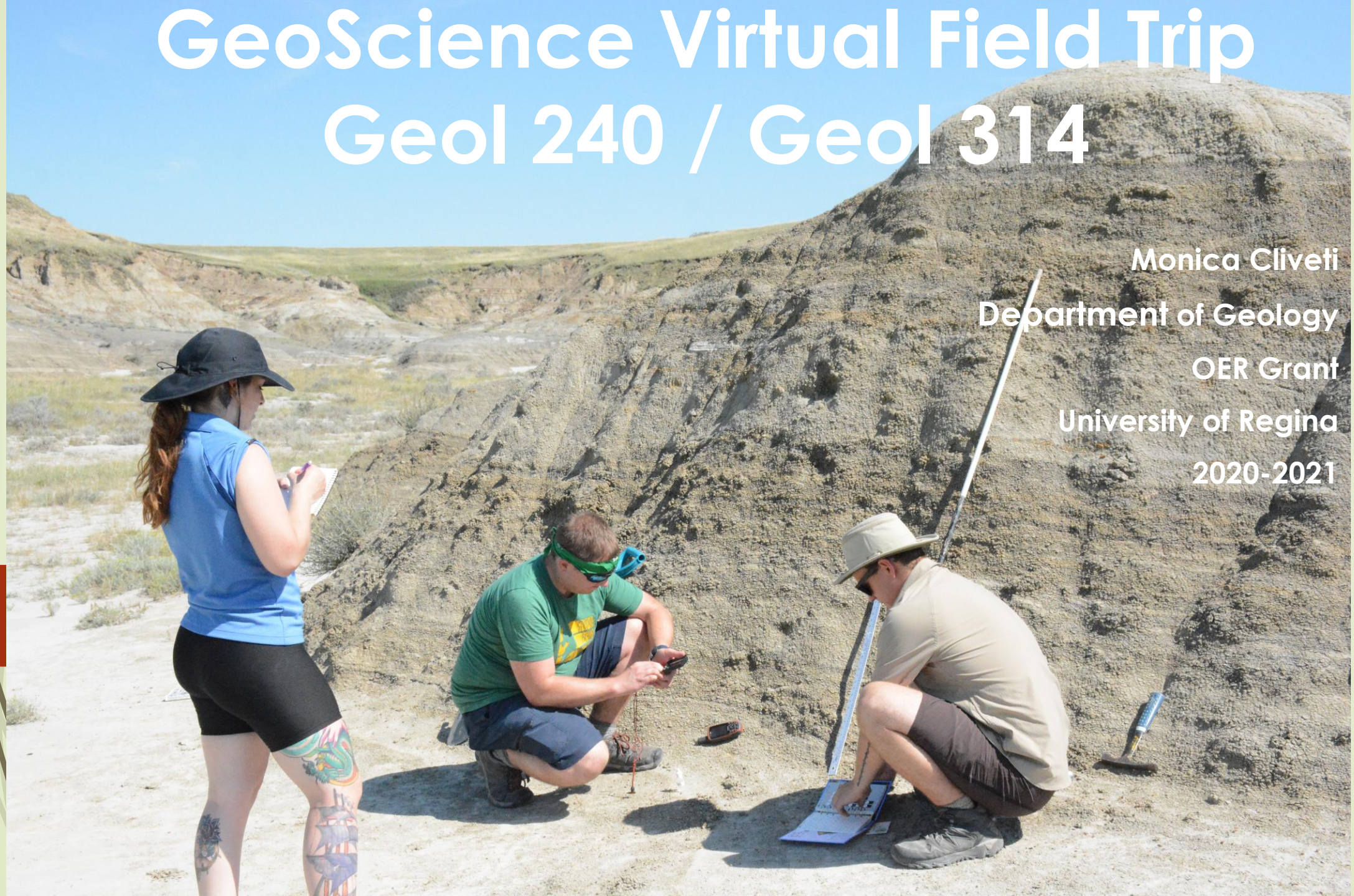
GeoScience Virtual Field Trip
Geol 240 / Geol 314



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OER Grant
University of Regina
2020-2021

GeoScience Virtual Trip

- Introduction
- Report on progress
- Future direction
- Acknowledgements

Introduction

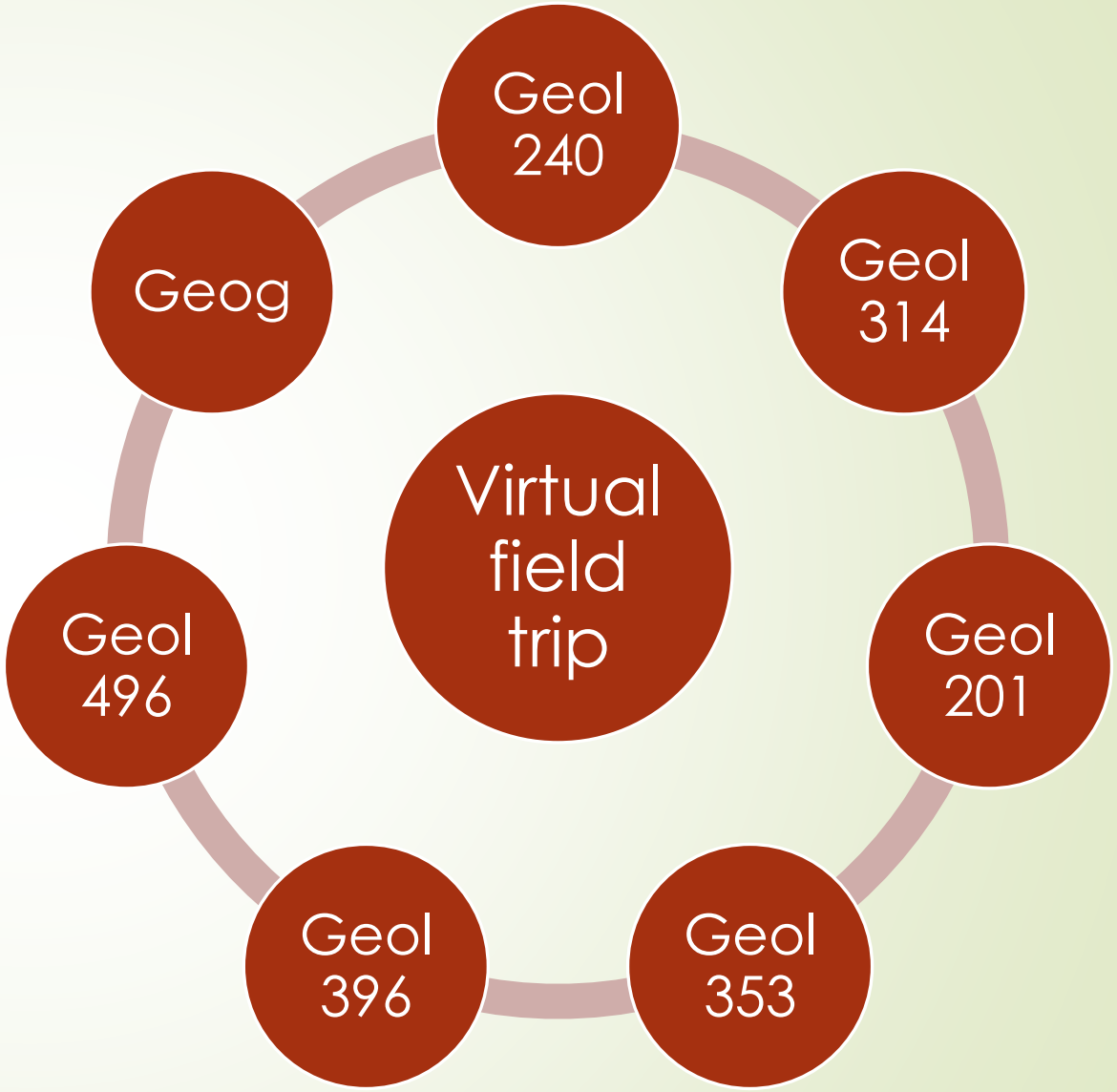
- Why?
  - NEED to bring the field to our students

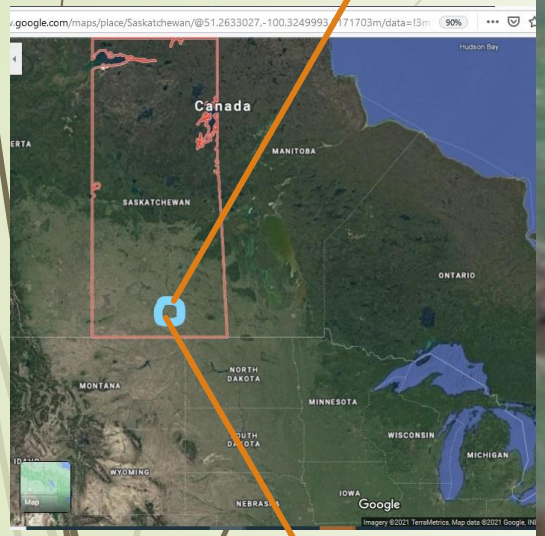
Introduction

- Who?
  - A team from the department: Dr. Velez, Dr. Bethune, Dr. Dale, Dr, Salad-Hersi and Dr. Qing

Introduction

- For Whom?

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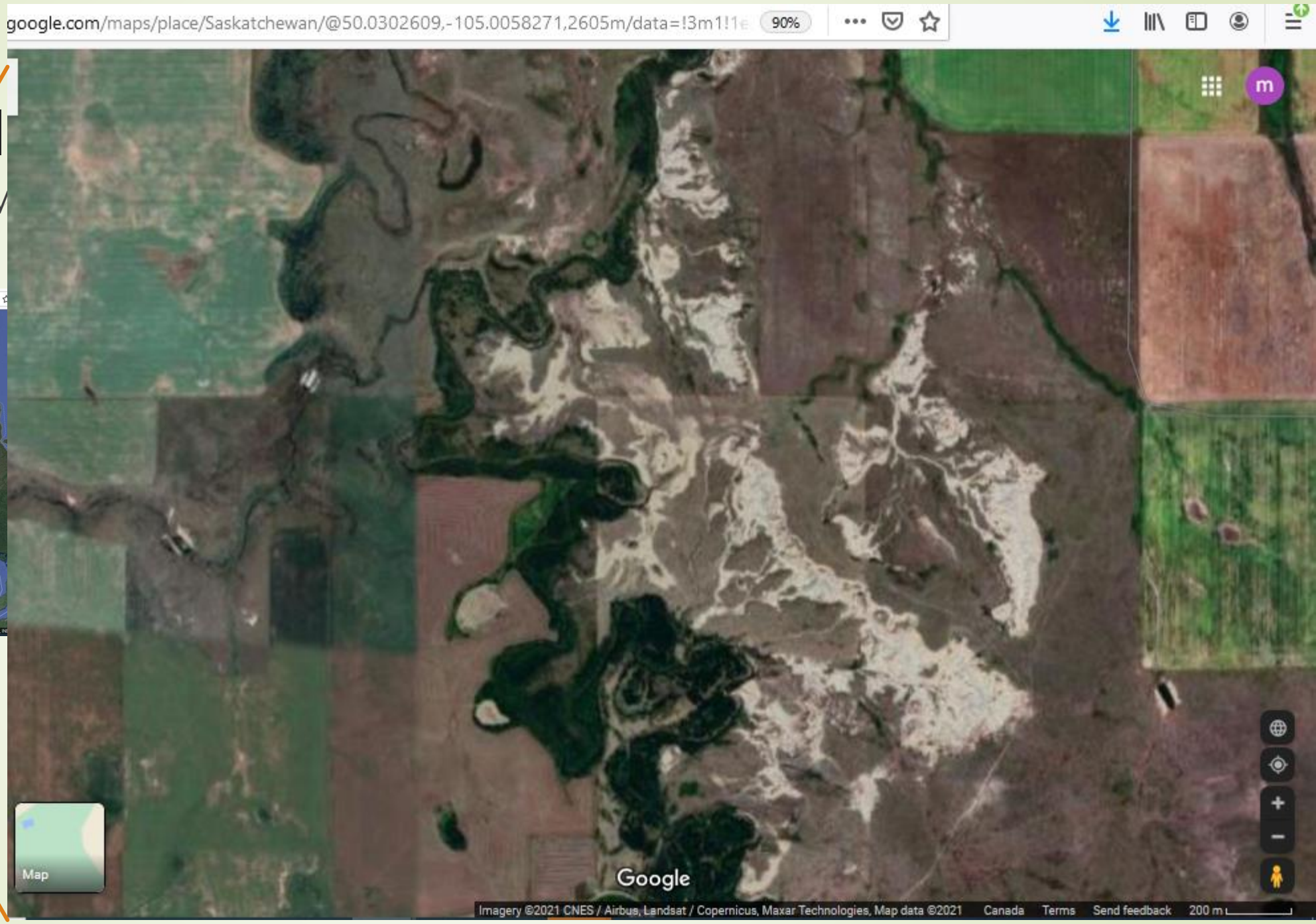
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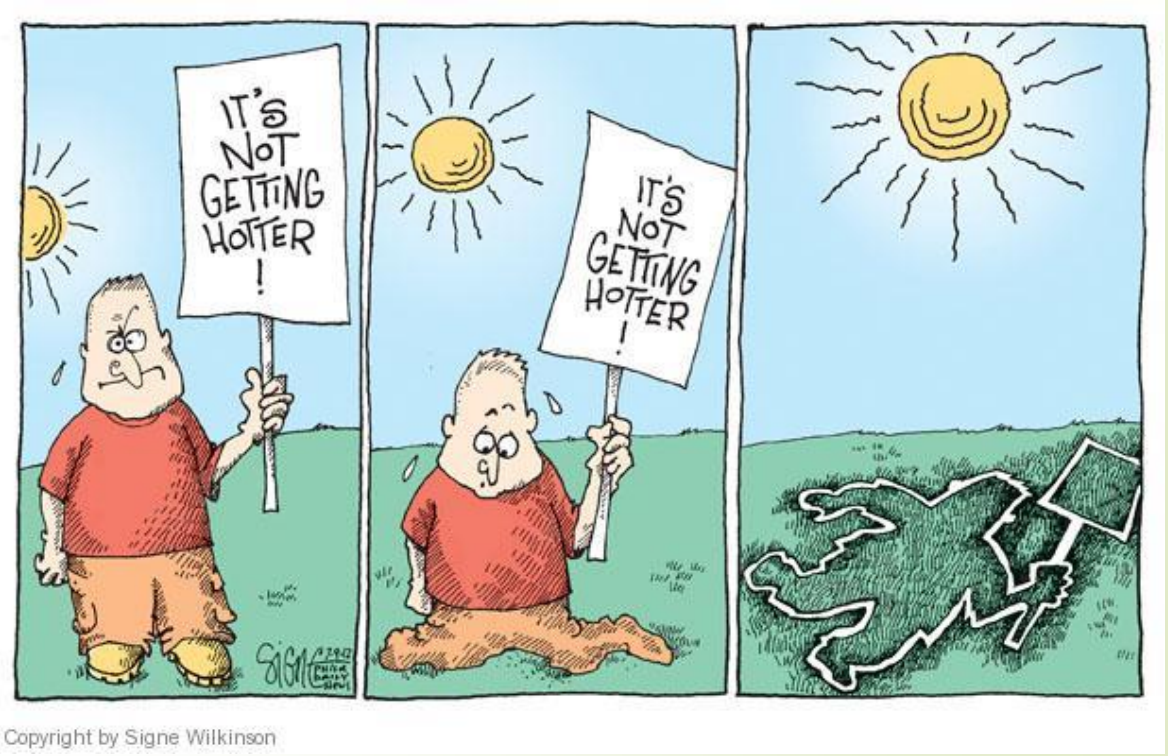
Introduction

- When?



Project plan

- Part 1+2: Video session in Avonlea Badlands – Virtual Field trip

- Part 3:
  - PowerPoint slide deck
  - Assessment tools
  - Exercises

Project plan and Report on progress

- Part 1. Introduction to Avonlea Badlands:
  - a. localization (on the glob, Canada, Saskatchewan, and then have either satellite view or drone view of the area).
  - b. a little narration about the geological history of Avonlea.
  - c. Geological time scale a review
  - d. short videos on details: faults, geomorphology, sedimentary structures.
  - e. We would like to include a little piece on the importance of Badlands for the First Nations but it is really hard to find any info on Avonlea. Hopefully we can get it.
- Part 2. Virtual field trip.
  - a. cross-sections,
  - b. field work, people working in the field showing all the steps of a good research protocol.

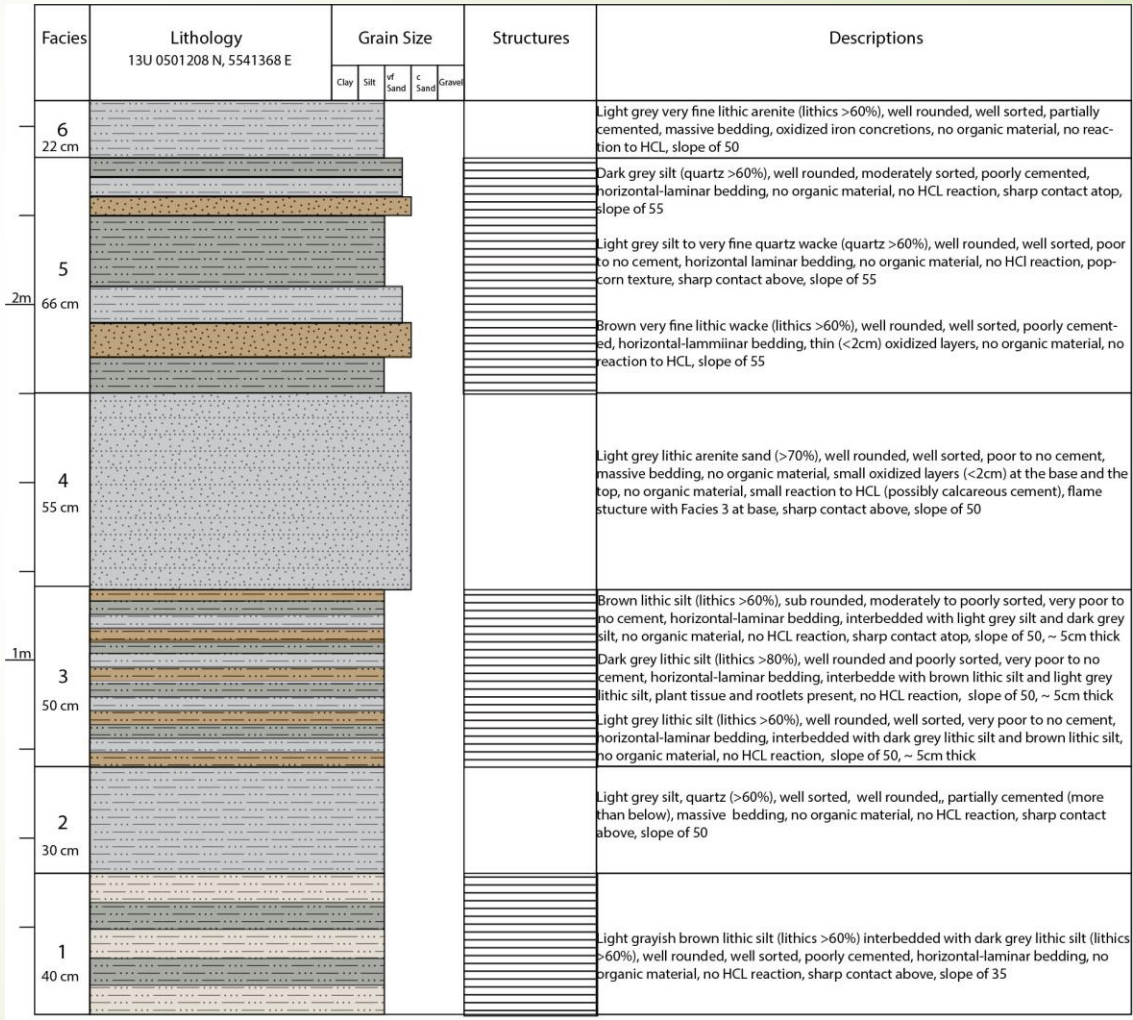
Project Plan and Report on progress

Videos:

- https://www.youtube.com/watch?v=m_JBnD7Ao0w&feature=youtu.be
- https://youtu.be/j5aAZdsyTkM

Assessment tools & Exercises

- Stratigraphic log
- Quiz – 42 questions based on the video



Future directions

- Part 1. Introduction to Avonlea Badlands:
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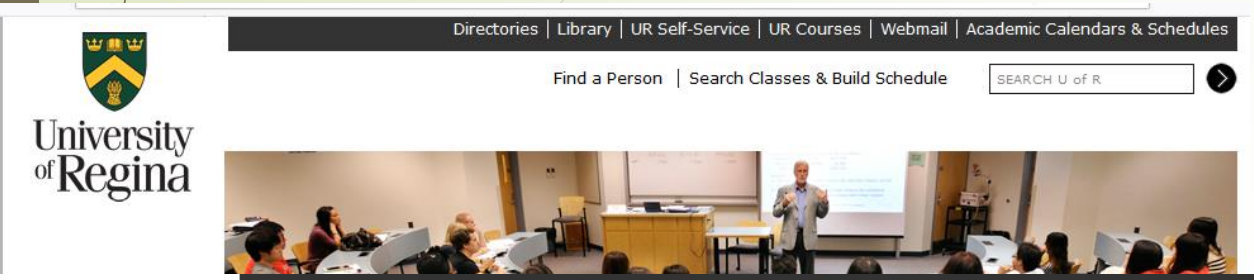
  - d. short videos on details: faults, geomorphology, sedimentary structures.
  - e. We would like to include a little piece on the importance of Badlands for the First Nations but it is really hard to find any info on Avonlea.

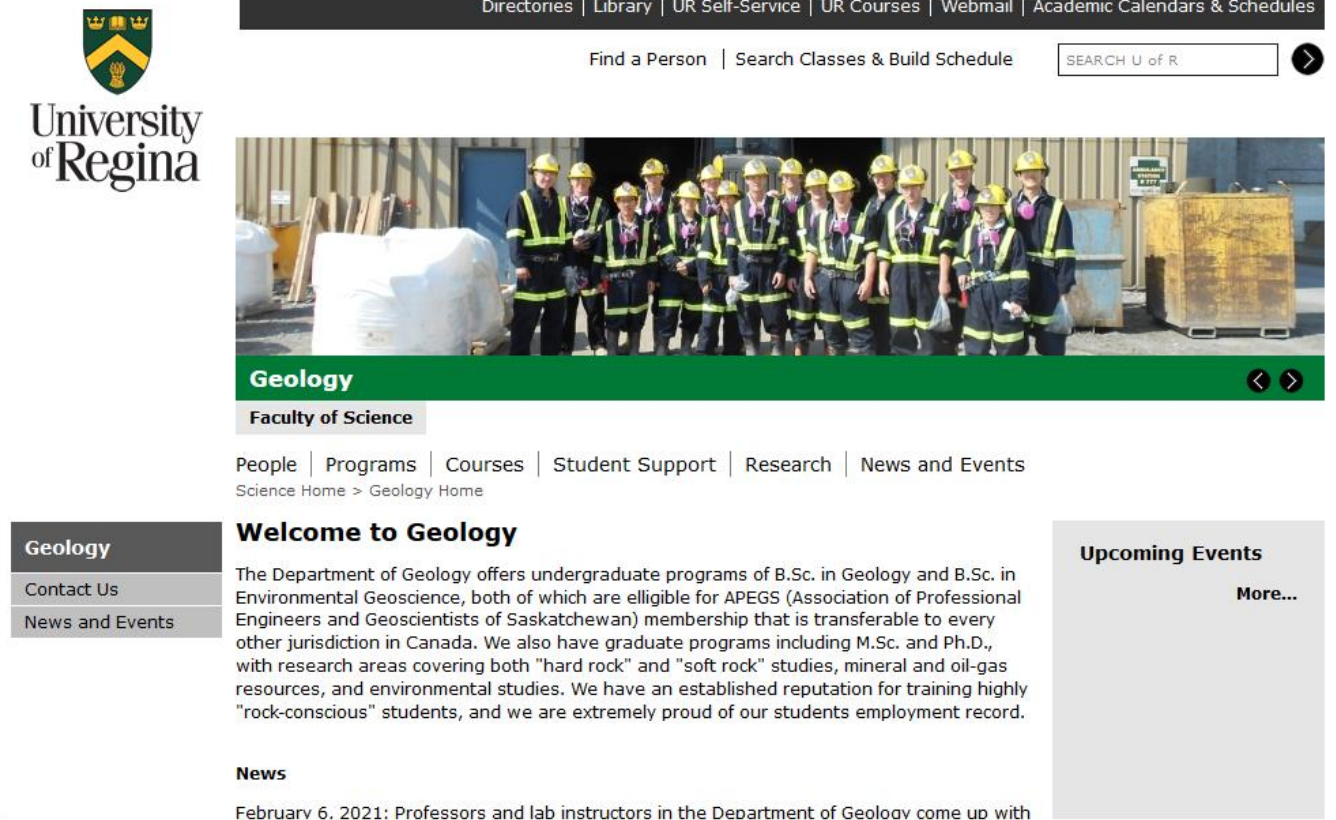
HELP!

Future direction

- Pressbook?

Acknowledgements





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Thank you