



APBI 490: Soils & Landscapes

Fieldwork Component

August 30rd to September 1st 2023

On this three-day journey through soil diversity in the BC Lower Mainland, we will explore the diversity of soil-forming factors, apply principles of soil taxonomy, and classify soil profiles. The following orders will be explored in the Lower Mainland (Maple Ridge area):

Podzolic, Luvisolic,
Regosolic, Gleysolic,
and Organic.

Why study soils in the landscape?

We have the responsibility of passing this living planet on to future generations, and soil systems play a key role. To better understand the influence of environmental factors on soil properties, we will take a deep dive into soil formation and soil profile development within different landscapes in British Columbia, relating our findings to the distribution of environmental factors. Studying these interactions can inform land use and management practices that optimize resiliency and sustainability within the landscape.

APBI 490 is geared toward students interested in deepening their understanding of pedology, soil genesis, and the application of soil classification principles.

Instructor

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