

Trish Hanuszak



Hello future soil lovers

I am a MSc student in the Soil Science Program in the Faculty of Land and Food Systems working with Dr. Sean Smukler. I am a recent graduate of the same faculty with a BSc in Plant and Soil Science

The focus of my research project is to analyze the nitrogen and phosphorus dynamics following the incorporation of 4-year grassland set-aside (GLSAs) field. Farmers in Delta, British Columbia use GLSAs to remediate their soils, but the impact

of GLSAs on nutrient cycling once incorporated is not well understood. Farmers are currently applying fertilizer at the same rate to fields that have recently had GLSAs incorporated as fields that have not. This practice could be leading to over or under fertilization. Quantifying the effects of GLSAs can inform management practices and can potentially lead to increased yields.

I fell in love with soil science as a life choice long before I knew enough about it to make that choice. Thankfully, I choose to attend UBC where I have had the opportunity to take APBI 200 with Sandra and Maja which solidified my love for the discipline. I am looking forward to being a TA for this class and getting to know the next wave of soil lovers.