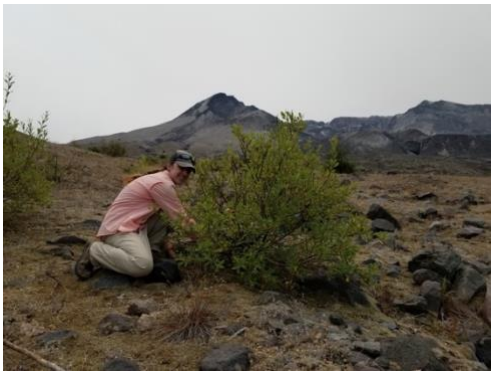


Rebecca Evans

Rebecca (Becca) Evans is a 4th year PhD candidate at Washington State University-Vancouver advised by Drs. Tanya Cheeke and John Bishop. She is currently studying plant-soil-microbial interactions on the post disturbance landscape of Mount St. Helens, Washington. Her research seeks to understand the impacts of an invasive invertebrate herbivore and anthropogenic N-deposition on the keystone woody plant species, *Salix sitchensis*, on soil biogeochemistry. Becca is particularly interested in identifying the mycorrhizal taxa associated with *Salix sitchensis* in this developing landscape as *Salix sitchensis* is host to *arbuscular* and *ectomycorrhiza* and dark *septate fungi* and how these communities respond to herbivory and N-deposition. Becca is measuring plant-soil-microbial interactions using amplicon sequencing, metagenomics, and soil physio-chemical measurements. Becca obtained her BS in ecology and evolutionary biology at UCSC and her MS in Botany at Washington State University at Mount St. Helens on the effects of herbivores on the keystone forb, *Lupinus lepidus* and soil biogeochemistry.