



T3 Watershed Experiment

Overview

We are researchers and land managers with the T3 Watershed Experiment, a 20,000-acre experiment on the Olympic Peninsula, WA, designed to test alternative silviculture treatments at an operational scale. We are looking for student engagement to help process and analyze datasets, formulate and answer research questions, and engage with our local stakeholders. This would be fully remote work.

Fields of Investigation

- Silviculture
- Fisheries
- Remote Sensing
- Botany
- Ornithology
- Social sciences
- GIS
- Riparian restoration and management

T3 Learning Groups

Learning Groups are groups focused on a specific topic connected to the T3 Experiment that work towards shared goals through learning together. Groups typically consist of researchers, managers, stakeholders, and/or tribes. *We find our projects to be most successful when we can connect students with our Learning Groups and let student power guided by local expertise drive projects and research.*

Our Datasets

Riparian – Temperature, vegetation, instream (stream morphology, fine sediment, habitat surveys, above-stream light measurements), invertebrates, leaf litter, water chemistry, fish population and diet

Upland – Understory and tree vegetation, amphibians, soils, passive acoustic monitoring, remote sensing, economic analyses

Example Project Ideas

- Mapping forest characteristics through drone LiDAR and imagery
- Lit review: Carbon storage in invasive species
- Monitor stream chemistry and connected riparian areas

Screening Process

The best, most successful projects occur when there is a good fit between student and advisor.

Interested students please send the following to cbobsin@uw.edu: 1) what project idea/datasets you are interested in; 2) your qualifications to work with that data; and 3) your motivation for why you would like to complete this work. Qualified students may then be matched with our researchers/experts, potentially with an interview beforehand. All projects are dependent upon 1) student experience and time commitment; and 2) our availability of data and a committed supervisor. If a program already has a structure in place for students to apply through, we are happy to work within that structure.

For more information, please email Courtney Bobsin, cbobsin@uw.edu



Olympic Experimental State Forest

