

Goal

To help survey three kelp beds along the Strait of Juan de Fuca. The surveys include documenting the perimeter of the beds, taking water quality samples and collection of plankton samples inside and outside the kelp beds. Ensure that the GPS data points collected during the surveys are submitted to the NWSC.

General Overview

One intern will participate in the 2019 MRC's kelp bed surveys. The intern will be paired with an MRC mentor who will oversee and assist the intern in the completion of the project tasks.

The intern will be allocated 80 billable hours to be used as needed to complete the project tasks and will provide a time card to Helle Andersen twice a month for reimbursement.

Whenever possible the intern will attend the weekly intern meeting that is held in the Port Angeles and will be expected to report on the activities of the previous week. The meetings are intended to provide the MRC mentors with an update of the progress being made and allow the interns to interact with the other interns who are working on different MRC projects.

Tasks

- Help organize and participate in kayak-based kelp surveys to be conducted at three locations along the Strait of Juan de Fuca
- Be the GPS/GIS lead making maps of the surveys
- Collect plankton samples inside and outside of the kelp beds
- Collect water quality data during the surveys following the NWSC protocol "A kayak-based survey protocol for Bull Kelp in Puget Sound"
- Conduct laboratory analysis on the plankton samples identifying the organisms
- Collaborate with Susan Shull to ensure that the PGS data points are submitted to the NWSC to be uploaded into SoundIQ
- Prepare a presentation of what you accomplished and what you learned during your internship to be given by you at the Intern Celebration at the end of summer.