



Teaching volunteers how to conduct transect surveys using a PVC quadrat

TYPE OF WORK

I run a citizen science program to help monitor Washington shorelines for invasive European green crabs. I train volunteers, analyze data, and coordinate monitoring activities.

Emily Grason
**Marine Invasive Species
Coordinator - Crab Team**
Washington Sea Grant
University of Washington



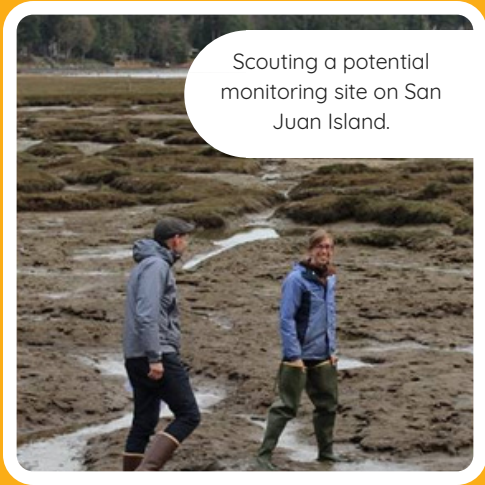
Marine Invasive Species Coordinator



TYPICAL DAY: There is rarely a typical day. During the field season, I am often in the mud with volunteers, helping answer their questions, or trapping for crabs myself. During the winter, I spend time analyzing all of the data collected by volunteers, investigating the health of shorelines.

CAREER PATHWAY:

I grew up in Maryland with the health of the Chesapeake Bay often on my mind. After an undergraduate education in biology, I took a position as an Americorps*VISTA at a non-profit for individuals with disabilities. Though it wasn't directly applied to biology, my four years in non-profit administration were the most valuable part of my career experience and directly prepared me to manage volunteers as part of my current job. I returned to school for a Master's and Ph.D. both researching invasive marine species, and joined the project as a student assistant when it started. It's such a great fit I stayed on after graduating.



Scouting a potential monitoring site on San Juan Island.

IMPORTANT SKILLS
 Web building,
 Statistical analysis, GIS

EDUCATION
 Master's Degree

SALARY RANGE
 \$50,000-\$75,000

TOOLS OF THE TRADE
 Computer, WordPress,
 Statistical Analysis Software,
 ArcGIS, Social
 Media, Quadrat, Transect
 Tape, Specialized crab traps,
 GPS Units, vernier calipers

"I love getting to share my enthusiasm for marine life with volunteers who are just as excited about worms and crabs in our backyard." - Emily Grason