

2024-2025 Sea Grant Fellowship Application

Host: Port of Seattle

Supervisor: Ryann Child, Sr. Environmental Program Manager, child.r@portseattle.org, 206-514-9976

Position Description: The Port of Seattle's Maritime Environmental & Sustainability (ME&S) Department is seeking a Washington State Sea Grant fellow for a 2024-2025 fellowship. The Fellow's work will support a variety of projects related to climate change, emissions reduction, habitat restoration and stewardship, and community outreach. Working in the ME&S, the Sea Grant Fellow will have exposure to work happening across the Port and with other agencies. The Sea Grant Fellow may also work on other ME&S projects in addition to those identified and will have opportunities to apply creative thinking, innovative approaches, and to grow professionally.

Fellowship Mentor: Ryann Child, Sr. Environmental Program Manager

Key staff:

- Alex Adams, Sr. Manager, Environmental Programs – leads Maritime Sustainability team
- Jessica Brown, Environmental Program Manager – leads work on Sustainable Evaluation Framework and Ground Transportation Emission Reduction Strategy
- Kathleen Hurley, Sr. Environmental Program Manager – leads Habitat team

Projects:

- **Support Pacific Northwest to Alaska (PNW2AK) Green Corridor project (25%):** In May 2022, Port of Seattle launched a new partnership with cruise lines, ports, port communities, and nongovernmental organizations to explore the feasibility of low- and zero-greenhouse gas (GHG) emission cruising between Washington, British Columbia, and Alaska. The Fellow may support the following tasks:
 - Coordination of monthly PNW2AK First Mover meetings and technical working groups.
 - Project management, analysis, and research support for alternative fuel feasibility studies.
 - Support for internal and external communications and engagement.
- **Support the Northwest Ports Clean Air Strategy (25%):** the Northwest Ports Clean Air Strategy (NWPCAS) seeks to phase out all seaport-related emissions through changes in equipment, fuels, and infrastructure, supporting cleaner air for local communities and fulfilling the ports' shared responsibility to help limit global temperature rise to 1.5°C. The Port of Seattle adopted its implementation plan for the NWPCAS, the Maritime Climate and Air Action Plan (MCAAP) in late 2021, which guides actions through 2030. Both plans include commitments to engaging near-port communities throughout implementation. The Fellow may support the following tasks related to NWPCAS and MCAAP implementation, reporting, and community engagement:
 - Support annual progress reporting for the NWPCAS and MCAAP.
 - Review MCAAP implementation progress and develop recommendations for a 5-year update of strategies, actions, and progress.
 - In coordination with Port of Seattle External Relations staff and the Northwest Seaport Alliance, support authentic and accessible community engagement opportunities related to the NWPCAS and MCAAP.

- Support development of communications and materials related to the NWPCAS and MCAAP.
- **Support maritime-related GHG emissions tracking (20%):** The Port of Seattle measures Scope 1 & 2 GHG emissions annually and conducts a larger air and GHG emission inventory every 5 years to inform Scope 3 GHG emissions for maritime industries operating on Port of Seattle facilities. The Fellow will support work to improve GHG emissions accounting to fill data gaps.
- **Support natural resource planning projects (20%):** The Port engages in a diverse array of habitat enhancement and restoration projects; the Fellow will have an opportunity to participate/lead the Port's Sustainable Shoreline Program surveys, provide input on future restoration projects, and support stewardship activities in the field.
- **Mentorship, Professional Development, and Networking (10%):**
 - Learn about Port of Seattle, its lines of business, priorities, opportunities, and its role in Seattle and Washington State.
 - Develop a performance and professional development plan.
 - Participate in ME&S department and Maritime Sustainability team meetings.
 - Conduct informational interviews with staff across the ME&S department and in other departments of the Port.
 - Participate in Port tours and events as opportunities arise.
 - Meet with Port leadership to showcase work and learn about a career at the Port or in the Maritime/Aviation industry.
 - Present to ME&S staff and/or more about fellowship work and publish a blog post highlighting fellowship work.
 - Enhance understanding of topics related to ports, maritime industries, emissions, sustainability, habitat restoration, environmental justice, and decarbonization.
 - Hone professional skills in project management, meeting facilitation, agenda setting, writing, research, climate action planning, and GHG accounting.

Diversity, Equity, and Inclusion Statement:

Every role at the Port of Seattle is vital to our thriving community. We are a leader in moving people and cargo across the country and around the world. With facilities and property ranging in scope from a half-acre park to one of the largest airports and container terminals on the West Coast, we maximize the public assets in our portfolio with an eye toward best uses and environmental sustainability. Find out more [here](#).

Our vision is to create a Port that mirrors – throughout its breadth of operations and services and within its leadership – the diversity of our communities, instill principles of equity into its culture, and ensures a fair and intentional distribution of opportunities to expand economic develop and quality of life for all in our region. Find out more about how [our values RAISE us up](#) and [our commitment to equity](#).