

## **Ecosystem Science and Management Fellow – Salish Sea Marine Survival Project**

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Name: Long Live the Kings

Location: 1326 5<sup>th</sup> Ave. Ste 450, Seattle WA 98101

Contact: Michael Schmidt,

Supervisor(s): Iris Kemp (Science Project Manager) and Michael Schmidt (Deputy Director)

Project Description:

Long Live the Kings (LLTK) is a 35-year-old 501(c)3 nonprofit dedicated to the restoring wild salmon and steelhead and supporting sustainable fishing in the Pacific Northwest. We are seeking a fellow to join our team as we transition the [Salish Sea Marine Survival Project](#) (Project) to its next phase. LLTK and partnering Vancouver nonprofit, the Pacific Salmon Foundation, coordinate this 60-entity, multi-disciplinary, whole ecosystem effort: to determine why certain species of juvenile salmon, and steelhead, are dying as they migrate through the combined marine waters of Puget Sound and the Strait of Georgia. We are in the process of wrapping up a 5-year exploratory research phase. From late 2019 through 2020, we will be synthesizing the results and disseminating the findings, tools, and programs established. Overarching goals are to:

1. Communicate findings
2. Incorporate results and tools into management where appropriate now
3. Plan and implement research to address critical gaps identified
4. Plan and implement experiments to test solutions to issues identified

The primary role of the fellow will be to help accomplish specific tasks at the interface of science and management. Examples include:

- Completing a synthesis paper describing how the results of the exploratory research phase should be interpreted by scientists and managers.
- Ensuring the Puget Sound Atlantis Ecosystem Model developed via the Project is adopted regionally as a tool to support ecosystem-based management.
- Establishing a framework for incorporating new ecosystem indicators data into harvest management to improve methods for forecasting the abundance of returning adult salmon. Similarly, establish a framework for hatchery managers to inform rearing and release strategies.
- Developing a strategic plan to test actions to address contaminants affecting juvenile Chinook in the Snohomish River estuary.
- Completing a state of science report for the Washington Academy of Sciences regarding pinniped predation of salmon. This report will inform next steps in science and management around this contentious issue.

Working with the LLTK's Science Program Manager and Deputy Director, the fellow will be responsible for executing planning, communications, facilitation and reporting tasks. This includes:

- Planning, participating in, and reporting and following-up on decisions and action items of meetings and workshops with state, tribal, federal and nonprofit partners.
- Participating in meetings of the [Puget Sound Partnership Boards](#), their subsidiaries, and the [Puget Sound Ecosystem Monitoring Program](#) with a focus on integrating work of the Project.

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- Writing strategic plans and reports to guide next steps in science and management.
- Reviewing technical reports and manuscripts to help synthesize and translate results.
- Presenting work at local and regional conferences, workshops and meetings including the 2020 Salish Sea Ecosystem Conference.

As the Salish Sea Marine Survival Project is a large-scale, collaborative endeavor, the fellow will have an opportunity to network with scientists and managers from federal, state, tribal and academic institutions throughout the region. The fellow will also be a lead or co-author of one or more reports or publications.

Preferred candidates will be outgoing, self-motivated, detail-oriented, and have strong communication and time management skills. Experience interpreting science and knowledge of salmon and Puget Sound marine ecosystem issues strongly desired.