



pacific northwest aquatic
monitoring partnership

Events

September

Sept 2: [Lower Columbia Estuary Partnership Science to Policy Summit](#) (Hybrid /Camas, WA)

Sept 9: [Northwest Power and Conservation Council Meeting](#) (Portland, OR)

Sept 12: [2026 Return of the Kings Celebration](#) (Eastsound, WA)

Sept 15: [WA Salmon Recovery Funding Board](#) (Olympia, WA)

Sept 15, 17, 22, 24: [RRNW Fall 2026 Short Course: Virtual Facilitation Skills for River Restoration Professionals](#) (virtual)

Sept 21-23: [2026 Alaska GeoSummit](#) (Girdwood, AK)

Sept 24: [Washington Invasive Species Council Meeting](#) (Olympia, WA)

Sept 24: [Puget Sound Partnership – Salmon Recovery Council Meeting](#) (hybrid /Coupeville, WA)

October

Oct 8: [RRNW Fall 2026 Short Course: Living Better with Beavers: Effective Coexistence Strategies & How to Apply Them](#) (Twist & Winthrop, WA)

Oct 14: [Northwest Power and Conservation Council Meeting - October 2026](#) (Boise, ID)

Oct 14-16: [Spatial-Stream-Network \(SSN\) Model Training Workshop](#) (Boise, ID)

Oct 15: [PNAMP Fish Monitoring Work Group - October 2026](#) (Remote)

Oct 26-28: [Emerging Technologies Information Sessions](#) (Stevenson, WA /Hybrid if necessary)

Oct 27: [Oregon Watershed Enhancement Board Meeting - October 2026](#) (Burns, OR)

Oct 28-30: [2026 Global eDNA Conference](#) (Seattle, WA)

If you have an upcoming event that you would like to add to the PNAMP website and newsletter, please reach out to mdethloff@psmfc.org.

Job Openings

[Outreach and Communications Coordinator](#) (Clackamas County, OR) - Clackamas Soil and Water Conservation District - Closes: August 31, 2026

[Fish Biologists/Statisticians](#) (multiple locations in AK, CA, FL, MA, MD, and WA) - National Oceanic and Atmospheric Administration (NOAA) - Closes: August 31, 2026

[District Fish Biologist - Supervising Fish and Wildlife Biologist](#) (Klamath Falls, OR) - Oregon

Department of Fish and Wildlife - Closes: September 2, 2026

[Adult Salmonid Trapping and Evaluation Biologist - Fish & Wildlife Biologist](#) (Columbia County,

WA) - Washington Department of Fish and Wildlife - Closes: September 3, 2026

[Assistant Regional Habitat Program Manager](#) (Ellensburg, WA) - Washington Department of Fish

and Wildlife - Closes: September 7, 2026

[Fisheries Field Technician](#) (Wenatchee, WA) - Spheros Environmental - Closes: December 15,

2026

[Fisheries Technician](#) (Naples, ID) - Idaho Fish and Game - Closes: Open until Filled

[Aquatic Ecology Practice Area Lead](#) (Remote-WA preferred) - Spheros Environmental - Closes:

Open until Filled

[Sorting Laboratory Technician](#) (Moscow, ID) - Spheros Environmental - Closes: Open until Filled

[Principal Scientist/Engineer](#) (Remote-Portland, OR; Wenatchee, WA or Seattle, WA preferred) -

Spheros Environmental - Closes: Open until Filled

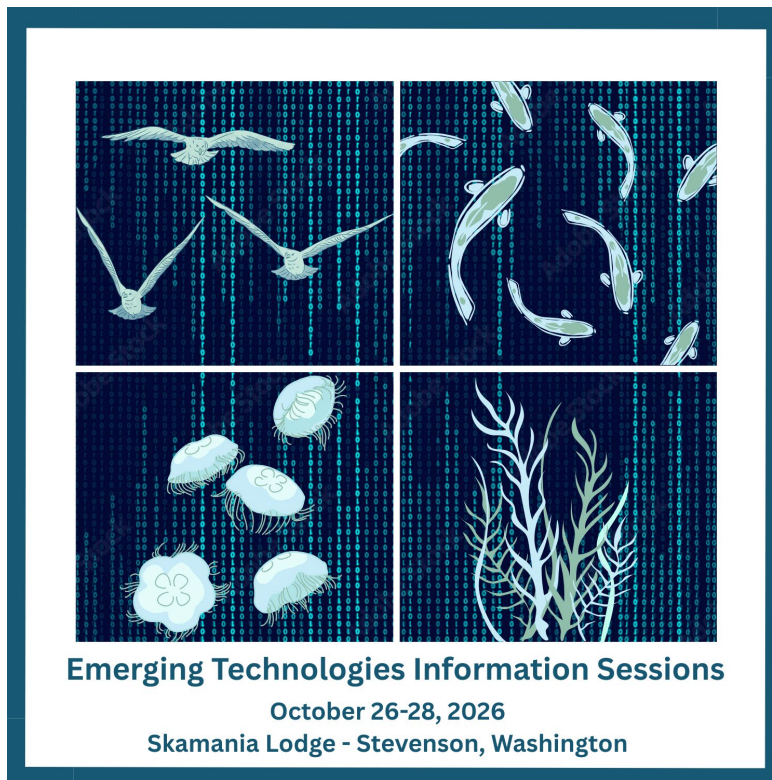
[Engineer](#) (Hybrid/Remote - OR or WA) Spheros Environmental - Closes: Open until Filled

If you have a job opening that you would like to add to the PNAMP website and newsletter, please reach out to mdethloff@psmfc.org.

Announcements and Recent Publications

Welcome to Autumn!

Keep scrolling for upcoming events, announcements, and amazing new publications



Register for the 2026 Emerging Technologies Information Sessions!

Insight Below the Surface: Advancing Ecological Monitoring Through Innovative Tools and Data Driven Decisions

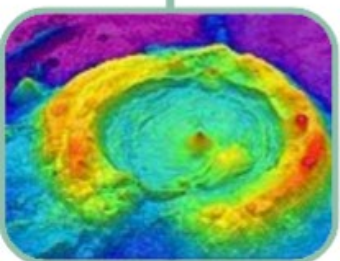
Monitoring professionals, project managers, data collectors, and data managers; join us at the 2026 Emerging Technologies Information Sessions conference and learn about the latest technologies and innovative techniques in ecological monitoring. Come out to the Pacific Northwest and network with other monitoring professionals implementing technologies in new ways.

[REGISTER HERE](#)

Registration Fee: \$175 (reach out to us if you would like to reserve a spot on the attendee list but you are awaiting FY27 funds)

Registration Includes:

- Workshop: Genetics 101 for Fisheries Professional
- Field trip to the Columbia River Inter-Tribal Fish Commission's Mobile Genetics Lab
- Presentations from colleagues across the United States and Canada
- Poster Session and Exhibitor Spotlight with complimentary



appetizers and no-host bar

— Continental breakfasts, complimentary lunch, coffee and snack breaks

When: October 26, 2026 - October 28, 2026

Where: Skamania Lodge, Stevenson, Washington, USA

Travel: Stevenson, Washington is located in the Columbia River Gorge approximately an hour east of the nearest major airport in Portland, OR.

Lodging: There is a **first come/first serve room block** at the **GSA Rate of \$155/night** plus taxes and fees at Skamania Lodge - **ROOM BLOCK CLOSSES September 20th, these rooms are GOING QUICKLY, book now!!!**

- Other lodging is also available in Stevenson, WA as well as in neighboring towns— Cascade Locks, OR - Hood River OR – White Salmon, WA
- Info about the hotel block can be found at: <https://pnamp.org/projects/2026-etis/>



If you have questions, please contact Sam Cimino at scimino@psmfc.org.

Salmon Data Discovery Tool - Data Loading Sessions - More dates!

Have you heard about the Salmon Data Discovery Tool (SDDT) but haven't found the time to explore or load data? Good news — more sessions are on the way!

The SDDT team will continue to hold data loading meetings through December, giving you dedicated time and hands-on support to get your data into the tool. Just bring your data and we'll help you through the process.

**SALMON**
DATA DISCOVERY

ADVANCED SEARCH ECOSYSTEMS DATA DISCOVERY ABOUT [LOGIN](#)

Explore Salmon Data

[GO](#)

ADVANCED SEARCH

Key Ecosystems

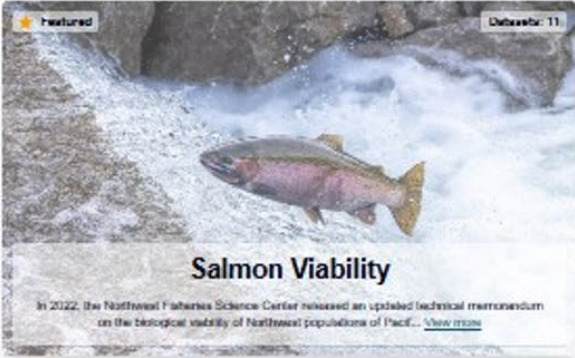
**Off-Shore Ocean**

**Estuary/Nearshore Ocean**

**Freshwater Riverscape**

Data Discovery

Salmon travel through multiple ecosystems during different stages of their life. Explore the variety of ways data from diverse ecosystems contribute to salmon recovery efforts.

**Salmon Viability**
In 2022, the Northwest Fisheries Science Center released an updated technical memorandum on the biological viability of Northwest populations of Pacific... [View more](#)

**Spatial Data**
Database: 25

**Pacific Salmon Technical Recovery Team Documents**
Database: 17



These sessions are a great opportunity to make your data accessible to the broader salmon science community.

[Click here to sign up for a data loading session](#)

Please visit <https://sddt.psmfc.org/> to explore the site and start loading your files and contact us with any questions SDDT@psmfc.org.

Recent Publications:

[Estimating spawning salmon abundance from visual surveys: a hierarchical model of arrival and exit dynamics](#)

Patrick L. Thompson, Scott Akenhead, and Colette Louie

[Insights into the spawn timing of Pacific Lamprey in western Oregon \(USA\) and considerations for adapting surveys](#)

Benjamin J. Clemens, Matthew A. Weeber, Briana Sounhein, Eric Brown, Michelle Jones

[Effect of culvert removal on abundance of Pacific salmon: A review](#)

Erin K. McClelland, Paul Grant

[Biological, environmental, and geomorphological factors influencing reach-specific survival of spring Chinook Salmon smolts upstream of the Columbia–Snake River hydrosystem](#)

Scott D. Favrot, Russell W. Perry, Sean W. Kimbrel

[Despite warming temperatures, hatchery origin Chinook and coho salmon spawn earlier in the fall: a multi-decade analysis](#)

Thomas P. Quinn, Jason Ray, Michael D. Tillotson

[Assessing the role of juvenile life history diversity and adult translocation on cohort productivity in a Chinook Salmon population](#)

Matthew L. Keefer, Mete K. Yuksel, Christopher C. Caudill

[Relative effectiveness of eyed-egg planting versus fed fry releases in chum salmon *Oncorhynchus keta*, based on recapture rates of returning adults](#)

Masaya Iida

[6PPD-quinone biomonitoring of salmon and mussels in Puget Sound, WA, USA](#)

Li-Jung Kuo, Molly E. Shuman-Goodier, Paul Chittaro, Mariko Langness, Audriel Schlosser, Natasha Winnacott, Blake E. Feist, Jennie L. Bolton, Sandra O'Neill, Irvin R. Schultz

[California salmon returns track deteriorating freshwater and marine conditions](#)

Stuart H. Munsch, Correigh Greene, and William H. Satterthwaite

[Response of fish communities in Drawa side channels to restoration amid climate and anthropogenic pressures: A losing battle?](#)

Xiaohao Shi, Robert Czerniawski, Kamran Tanwari, Łukasz Sługocki

[A Design Science Framework for Understanding Scientists as Contributors to the Goals and Values of River Restoration](#)

Bruce L. Rhoads

If you have a recent publication that you would like to add to an upcoming newsletter, please reach out to mdethloff@psmfc.org.

Highlights

Another successful IDFG Spawning Ground Survey Training!



2026 Spawning Ground Survey at Marsh Creek, ID
photo credit: Madeleine Kopf-Patterson (PSMFC), Marika Dobos (IDFG)

Teams from across Idaho and a few from further met in Stanley, ID at the IDFG cabin to participate in the annual Spawning Ground Survey Training.

The objective of this training is to standardize spawning ground survey methods across individuals, teams, regions, and agencies. This helps to reduce observer bias and thus leads to higher quality data of redd counts and carcass sampling. Information gathered during spawning ground surveys are used to assess population viability and aid in both run reconstruction and run forecasting for Chinook Salmon.

This training included:

- An overview of the history and purpose of Chinook Salmon spawning ground surveys
- Opportunity to learn to identify redds and to observe wild Chinook Salmon spawning at varying levels of the process, from first disturbance to completed redd
- Hands-on experience collecting data from salmon carcass
- Demonstration of drone survey and mobile data collection processes

Thanks to Idaho Fish & Game for organizing the training and hosting the team from PNAMP!

Draft Ninth Power Plan identifies cost-effective resource portfolio to meet Northwest's energy needs by 2032

Written by Peter Jensen

Northwest Power and Conservation Council released the Ninth Power Plan to the public on August 13. The plan addresses the growing energy needs and how to meet them by 2032, including plans for the energy portfolio and costs. The plan outlines a projected “50-100% [growth] over the next 20 years”, largely attributed to the increasing demand of data centers.



The review and comment period has begun and will come together in September and October for the public hearing process. Comments close October 16th.

Notable topics include the resource distribution plan, energy usage growth projections, and discussion on the influence of data centers on these projections.

[Read the full article](#)



PNAMP.org



pnamp@psmfc.org



[PNAMP YouTube channel](#)



pacific northwest aquatic
monitoring partnership

Copyright (C) 2026 PNAMP. All rights reserved.