



pacific northwest aquatic
monitoring partnership

Events

May

May 4-7: [AFS Western Division and Oregon Chapter 2026 Annual Meeting \(Portland, OR\)](#)

May 7-8: [Practical Wetland Plant ID \(Milwaukie, OR\)](#)

May 12-14: [Northwest Power and Conservation Council Meeting \(Pendleton, OR\)](#)

May 17-21: [Society for Freshwater Science 2026 Annual Meeting \(Spokane, WA\)](#)

May 19: [PSP's Swimming Upriver: Learning from Our Setbacks to Adapt and Move Forward Forum \(virtual\)](#)

May 20-21: [2026 Effective Estuary Restoration Virtual Workshop Series \(virtual\)](#)

May 21: [Hazard Analysis and Critical Control Point \(HACCP\) Class \(Olympia, WA\)](#)

May 27: [Columbia Basin Collaborative Integration/Recommendations Group Meeting \(Spokane, WA\)](#)

May 28-29: [Lamprey Biology and Field Surveys Workshop \(Oregon City, OR\)](#)

June

June 9: [WA Salmon Recovery Funding Board \(Olympia, WA\)](#)

June 16: [Northwest Power and Conservation Council Meeting \(Portland, OR\)](#)

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

[Fisheries Technician 2- Harvest Monitoring Project \(Lewiston, ID\)](#) - Pacific States Marine Fisheries Commission - **Closes: May 1, 2026**

[Database Management Specialist - Klamath Basin Scientific Data Architect/Engineer \(Klamath Falls, OR\)](#) - Pacific States Marine Fisheries Commission - **Closes: May 6, 2026**

[Fisheries Technician 1- Lower Granite Dam \(Pomeroy, WA\)](#) - Pacific States Marine Fisheries Commission - **Closes: May 7, 2026**

[Habitat Biologist - Fish & Wildlife Biologist 2 \(Stanwood, WA\)](#) - Washington Dept of Fish & Wildlife - **Closes: May 8, 2026**

[Fisheries Technician 1-Fort Bragg Area Ocean Salmon Port Sampler \(Fort Bragg, CA\)](#) - Pacific States Marine Fisheries Commission - **Closes: May 15, 2026**

[Monitoring Program Coordinator \(Coquille, OR\)](#) - Coquille Watershed Association - Closes: Open until Filled

[Fisheries Resource Technician III \(Chiloquin, OR\)](#) - The Klamath Tribes - 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

Don't Miss Out! Emerging Technologies Information Sessions (ETIS) Abstract Submission closes at the end of May.

The Pacific Northwest Aquatic Monitoring Partnership and StreamNet invites the submittal of abstracts on research and activities related to emerging technologies for ecological monitoring and data management for the 2026 Emerging Technologies Information Sessions (ETIS) conference.

[ETIS 2026 Presentation Abstract Submission Form](#)

Come share and network with other monitoring professionals implementing technologies in new and innovative ways!

Themes and topics being considered include:

Artificial Intelligence / Machine Learning

Data (QA/QC, Reporting, Visualizations)

Genetics (eDNA, PBT, Stable Isotopes, etc.)

Predictive Modeling

Remote Sensing (UASs, Satellites, ROVs, etc.)

Tagging and Trapping Technology (Data Collection)

The 2026 Emerging Technologies Information Sessions (ETIS) conference will be held at Skamania Lodge in Stevenson, Washington from October 26th-28th, 2026. For more details about the upcoming ETIS event, visit the [ETIS webpage](#).



The deadline for abstract submission is May 31, 2026.

Questions? Reach out to Sam Cimino (scimino@psmfc.org).

ICYMI: April PNAMP Fish Monitoring Work Group

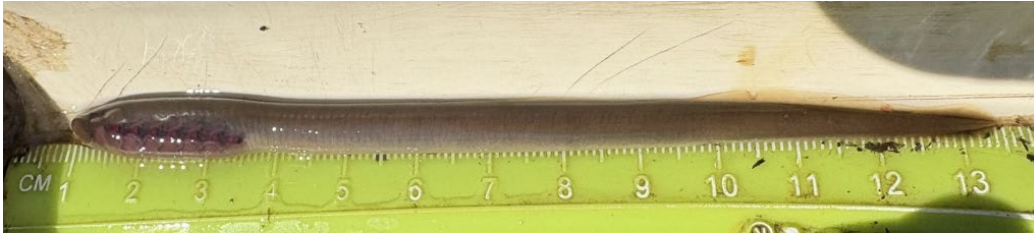


Photo: AlasKaZam presentation

In case you missed it: the April PNAMP Fish Monitoring Work Group (FMWG) meeting featured a two-part Tech Talk spotlighting the Confederated Tribes of the Umatilla Indian Reservation's Pacific Lamprey restoration work in the Tucannon River.

- **Zach Seilo** (Lab Manager/Biologist, Pacific Lamprey Research and Restoration Project, CTUIR) followed with *AlaKaZam – Bringing Pacific Lamprey back to the Tucannon River with Artificially-Propagated Larvae*, showing how parentage-based genetic tagging and mark–recapture are being used to track millions of released larvae and better understand survival, distribution, and migration.
- **Mary Moser, PhD** (Moserworks LLC; retired—NOAA Fisheries/NMFS) shared updates on *Developing Methods to Outplant Larval Pacific Lamprey in the Tucannon River*, including refinements to propagation and release approaches aimed at improving larval survival and scaling up releases.
- **Big picture:** these talks gave a start-to-finish look at how propagation + evaluation + monitoring is supporting lamprey reintroduction in the Tucannon River.

Want the abstracts? Visit the event page: <https://pnamp.org/event/pnamp-fish-monitoring-work-group-april-2026/>

Watch the meeting recording: [PNAMP Fish Monitoring Work Group Meeting \(April 16, 2026\)](#)

Join us on **Thursday, October 15th from 10:00 - 11:30 am (PDT)** for the next Fish Monitoring Work Group meeting. Check out [the event page](#) for more details on the presentation and join information.

Reach out to Meg Dethloff, mdethloff@psmf.org, if you have questions or would like to be added to the FMWG distribution list.

Recent Publications:

Pacific Salmon Commission Technical Report No. 58, Specifications and Definitions for the Exchange of Coded Wire Tag Data for the North American Pacific Coast [PSC-Technical-Report-](#)

PTAGIS PIT Tag Marking Procedures Manual [2026 Mark Procedures Manual.docx](#)

[Pacific Northwest Water Year 2025 Impacts Assessment](#)

K. A. Bumbaco, L. W. O'Neill, R. Nixon, L. K. Colligan, and E. Fleishman

The following publications are a truncated version of the Salmon Science on the Street email sent out by Greer Maier, science coordinator for the Washington State Governor's Salmon Recovery Office. If you'd like to recommend a paper or want included on the Salmon Science on the Street distribution list, reach out to Greer, greer.maier@gsro.wa.gov.

[Riparian ecosystem condition and impaired floodplain assessment in the Congaree river watershed, South Carolina | Discover Geoscience | Springer Nature Link](#)

Olusola-Ige O. Adetoro, Cuizhen (Susan) Wang, Ayobami T. Salami, and Olusegun O. Awotoye

[Shifting stage-specific constraints on productivity shape recovery potential for Yukon River Chinook salmon - DeFilippo - 2026 - Ecological Applications - Wiley Online Library](#)

Lukas B. DeFilippo, Kathrine G. Howard, Curry J. Cunningham, Robert M. Suryan, Patrick D. Barry, James M. Murphy, and Wesley A. Larson

[Variability in alluvial river width driven by intermittent bank collapse | PNAS](#)

Kun Zhao, Stefano Lanzoni, Giovanni Coco, and Zheng Gong

[Risk-based screening of organic contaminants in juvenile chinook salmon and their habitat in the Lower Fraser River and estuary, British Columbia | Environmental Toxicology and Chemistry | Oxford Academic](#)

Bonnie P Lo, Vicki L Marlatt, K J Sadler, Mitchell Hoyle, David C Scott, Misty MacDuffee, Stephanie Holbert, and Tanya M Brown

[Complementary prey phenologies enhance invasional meltdown: a case study in the Columbia River Basin | Biological Invasions | Springer Nature Link](#)

Jonathan B. Armstrong, Matt C. Polacek, Rochelle R. Polacek, & Andrew R. Murdoch

[Lessons Learnt From Long-Term Monitoring of River Restoration in an English Chalk Stream - Dolman - River Research and Applications - Wiley Online Library](#)

Lewis A. Dolman, Andrew S. Vowles, Paul S. Kemp

[Frontiers | Intensive monitoring of an Interior Snake River steelhead population reveals complex life history diversity and highlights the challenges in assessing freshwater productivity](#)

Stephen N. Bennett, Elizabeth Keksi, Ethan Crawford, Jason Neuswanger, Nicolaas Bouwes

[Poor population recovery of lake Washington Chinook Salmon \(*Oncorhynchus tshawytscha*\) in Pacific Northwestern USA may be associated with disease caused by *Ceratonova shasta* in an urban-influenced watershed | Parasitology Research | Springer Nature Link](#)

Jan Lovy, Sophie A. Hall, Carl O. Ostberg, Justin B. Greer, Dorothy M. Chase, Genevieve M. A. Kent, Timothy J. Kuzan & Carla M. Conway

[Genetic and Ecological Management of Pacific Salmon Fisheries for the 21st Century | Aquatic Biology Journal | Wiley Online Library](#)

Randall E. Brummett, Ian G. Cowx, Devin M. Bartley

[Trade-offs between release number and fish size for Chinook Salmon hatchery programs | North American Journal of Aquaculture | Oxford Academic](#)

Dina K Spangenberg, Deborah L Harstad, Donald A Larsen, Brian R Beckman

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

Highlights

2026 Northern Pikeminnow Sport-Reward Fishery opens this week



photo credit: Meg Dethloff

The 2026 Northern Pikeminnow Sport-Reward Fishery opens May 1 and runs through Sept. 30, offering anglers cash incentives to help reduce predation on juvenile salmon and steelhead in the Columbia and Snake rivers. Funded by the Bonneville Power Administration and overseen by the Pacific States Marine Fisheries Commission with support from state fish and wildlife agencies, the program targets the removal of 10–20% of larger, predator-sized northern pikeminnow each year to reduce salmon smolt losses without eradicating the native species.

In 2025, anglers turned in more than 150,000 qualifying fish, with top participants earning substantial rewards—one angler netted over \$159,000—marking the second-highest payout and

catch in program history. Anglers are paid on a tiered scale that increases with catch numbers and may receive bonuses for tagged fish, which also provide critical data on harvest rates and fish movement.

By combining angler participation, biological monitoring, and targeted removals, the long-running program has removed nearly six million pikeminnow over three decades and reduced predation on young salmon by up to 40%.

Read the full Columbia Basin Bulletin article:

[Annual Columbia River Pikeminnow Reward Fishery Opens May 1, Top Angler Last Year Pocketed \\$159,310 - Columbia Basin Bulletin](#)

The Columbia Basin Bulletin offers a free newsletter, delivered by e-mail to subscribers interested in timely, straightforward, complete news about Basin fish and wildlife issues. The newsletter will keep you posted on the important stories published on the website. If not already a subscriber, please consider signing up with the sign-up box on [the home page](#).

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