



pacific northwest aquatic
monitoring partnership

PNAMP November 2024 Newsletter

Upcoming Events

- Nov 6 [2024 Joint Session of StreamNet Executive Committee and PNAMP Steering Committee \(Portland, OR/virtual\)](#)
- Nov 12-13 [Willamette Waters Symposium 2024 \(Corvallis, OR\)](#)
- Dec 10-11 [100th Meridian Columbia River Basin Aquatic Invasive Species Team Meeting \(Spokane, WA\)](#)
- Dec 18-19 [Salmon Recovery Funding Board Meeting \(Olympia, WA/virtual\)](#)

If you would like your meetings posted on the PNAMP calendar, please email gs-pnamp_contact@usgs.gov with details.

100th Meridian Columbia River Basin Aquatic Invasive Species Team Meeting Registration Open

Registration is now open for the next meeting of the [100th Meridian Columbia River Basin \(CRB\) Aquatic Invasive Species \(AIS\) Team Meeting](#). Join in to learn about all the latest activities from around the region related to AIS. The meeting is Tuesday and Wednesday, December 10 & 11, 2024 at the Northern Quest Resort & Casino in Spokane, WA. [Click Here to Register](#).

See the agenda on the [registration website](#) and if you are able to participate in person, be sure to get in on the group rate by reserving your room by November 7 (call 1-877-871-6772 to get the 100th Meridian CRB AIS Team Meeting rate

(\$127/night) or use the booking ID number 31709). Contact Leah Elwell for agenda questions at: leah@conservationcollaborations.com.

This will be a hybrid meeting. Meeting materials such as minutes and presentations will be made available post-meeting.

For questions about registration or participation, contact Amy Stark (astark@psmfc.org, (503) 595-3112).



Photo: Invasive quagga mussel - Idaho State Department of Agriculture

Join us for the Emerging Technologies Information Sessions (ETIS) 2025 Webinar Series!

PNAMP and StreamNet are teaming up again to bring together monitoring professionals, project managers, data collectors, and data managers for a weekly webinar series on emerging technologies in aquatic monitoring.

Learn about the latest trends and technologies in aquatic monitoring such as:

- Modeling and Analysis
- Artificial Intelligence and Machine Learning
- Data QA/QC
- Genetics
- Remote Sensing

[Check out the program for all the details.](#)

Webinar Series Info:

- When: January 8, 2025 – February 5, 2025, every Wednesday from 9:00 AM – 11:00 AM (Pacific)
- All presentations will be recorded and available within the week on the [PNAMP YouTube channel](#)
- Where: Join virtually from your office or home
- Registration for this FREE event will be coming soon!

For more information on the ETIS 2025 Webinar Series, visit the [ETIS project page](#) on PNAMP.org.



Image: Logo for the 2025 ETIS Webinar Series

ICYMI: PNAMP Fish Monitoring Work Group October Meeting

The October meeting of the PNAMP Fish Monitoring Work Group (FMWG) went swimmingly. We checked in on current tasks, discussed the 2024 FMWG Survey, and heard about all of the great work in the Middle Fork John Day River watershed.

Kasey Bliesner, Melody Feden and Ian Tattam (Oregon Department of Fish and Wildlife) presented *Flowing Forward: Key Insights from the Middle Fork John Day River Intensively Monitored Watershed 2024 Summary Report*.

The Middle Fork John Day River Intensively Monitored Watershed ([Middle Fork IMW](#)) Working Group dedicated 2023 to completing a summary report that builds off the Middle Fork IMW's 2017 10-Year Summary Report. The Summary Report, published in 2024, represents additional years of work and voluntary reporting by numerous agencies and individuals conducting restoration, research, and monitoring activities in the upper Middle Fork John Day River. On a voluntary basis, principal investigators and their co-authors wrote eight individual chapters, describing their recent research and findings. The 2024 Summary Report also provides key insights into the intensity and types of restoration actions completed on the landscape, an assessment of the application of previous recommendations provided in 2017, a compilation of new lessons learned and recommendations, and recommendations for future restoration to target limiting factor(s) and achieve the goals of the Middle Fork IMW. The 2024 Middle Fork John Day IMW Summary Report can be found at this link: [2024 Middle Fork John Day River IMW Summary Report](#). The Middle Fork IMW Working group is comprised of multiple agencies and entities, with funding from PSMFC, NOAA Fisheries, and the Oregon Watershed Enhancement Board.

Missed the meeting? [Watch it here!](#)

Check out our [YouTube channel](#) for previous presentations.

Want more information or be added to the Fish Monitoring Work Group? Contact Meg Dethloff, mdethloff@usgs.gov.

Limiting Factor(s) Hierarchy



Credit: ODFW
Log weirs spanning
Camp Creek,
before removal.



Credit: CTWSRO
OCA before restoration, 2014
showing history of dredge mining.



Credit: ODFW
Incised channel and trampled vegetation.

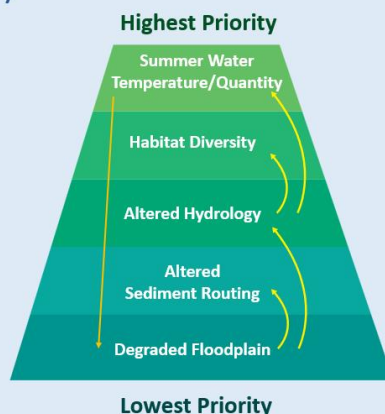


Image: Slide from the Middle Fork John Day River IMW presentation to the PNAMP FMWG

2nd Edition of AFS Standard Methods for Sampling North American Freshwater Fishes Published

You *might* have heard from PNAMP in the past about the importance of consistent and well-documented methods, right? Here to help you discover and use appropriate methods for sampling freshwater fishes is the second edition of the American Fisheries Society's reference book "*Standard methods for sampling North American freshwater fishes*"! Updates from the previous edition include sampling methods for sampling fish in coldwater streams using backpack electrofishing, snorkeling, and redd counts; more on statistical analysis and converting nonstandard data to standardized data; and information on new topics including environmental DNA sampling and preventing the spread of aquatic invasive species while sampling. We hope you also note the expanded information on standard data management practices that outlines the data lifecycle, from project planning to data archival.

[Standard Methods for Sampling North American Freshwater Fishes, second edition – American Fisheries Society](https://doi.org/10.1080/03632415.2017.1276352) <https://doi.org/10.1080/03632415.2017.1276352>

Data Management Life Cycle

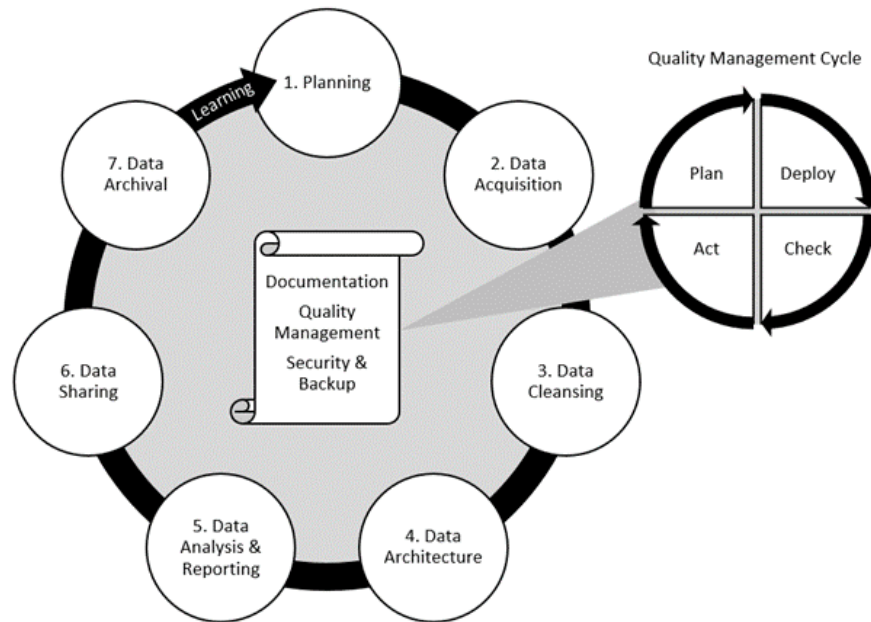


Image: Standard Methods for Sampling North American Freshwater Fishes, second edition – American Fisheries Society

Save the Date! 2025 Chapter Meetings of the American Fisheries Society

We would like to issue a correction from the October newsletter. The Oregon Chapter will host the AFS Western Region conference in Oregon, April/May 2026. In 2025, it will be in Westminster, Colorado, May 11-15, 2025 (Hosted by the Colorado/Wyoming Chapter).

[OREGON CHAPTER](#): February 25 - 28 at Riverhouse Lodge in Bend, OR

[WASHINGTON/BRITISH COLUMBIA CHAPTER](#): March 10 - 13 at Pinnacle Hotel in Vancouver, BC

[IDAHO CHAPTER](#): April 1 - 4 at TBD in Boise, ID

[WESTERN DIVISION](#): Sunday, May 11 - 15 at TBD in Westminster, CO



Image: Western Division of the American Fisheries Society logo
