



PNAMP Quarterly Status Report

April – June 2024

Coordinated Assessments Partnership & HCAX Project

Accomplishments

- PNAMP hosted the third and final Hatchery Coordinated Assessments (HCAX) workshop May 21, 2024 under the EPA Exchange Network grant funding. We had nearly 50 attendees participate in the virtual workshop, where we reviewed the progress of the project, what is left to complete to meet the grant requirements, and our plans for HCAX rolling into the general Coordinated Assessments Partnership (CAP).
- PNAMP staff assist StreamNet staff in tasks related to CAP Workshop follow up, such as preparing the review of terms and definitions for CAP data standards and updates to StreamNet websites
- CAP Core Team meets monthly to review priorities for CAP partners
- New working group proposed to support international data sharing via the Research Data Alliance

In Progress

- CAP Summer 2024 newsletter in prep

Coordination and Communication

Accomplishments

- Completed the April, May and June PNAMP newsletters

In Progress

- Developing the PNAMP July, August, September newsletters

CRBRP Toxics Monitoring Subgroup (TMS)

Accomplishments

- June 18, 2024 Toxics Monitoring Subgroup Meeting; [Link to materials on EPA website.](#)
 - 61 participants from state, tribal, federal, and other organizations
 - At the meeting, Patrick Moran gave a short update on the screening values task, while the majority of the meeting focused on three presentations from large-scale monitoring programs intended to stimulate discussion of strategies to link toxics monitoring in Columbia River Basin tributaries to mainstem and estuary monitoring.
 - A link to the meeting recording is available by request.

In Progress

- The TMS Core Team continues to meet every other week to plan and prepare for quarterly Toxics Monitoring Subgroup Meetings and make progress on tasks.

Emerging Technologies Information Sessions

Accomplishments

- Put together a collaborative ETIS Planning Team with team members from 7 different organizations (BPA, CRITFC, IDFG, ODFW, PSMFC, USGS, and WDFW) to help coordinate, organize, and moderate the 2025 Emerging Technologies Information Sessions Webinar Series
 - The ETIS Planning Team met three times: April 24, 2024, May 22, 2024, and June 26, 2024

- Developed a distribution list for outreach and feedback
- Sent out a survey to past ETIS participants and received feedback from 24 individuals
- Identified:
 - ETIS topics of most interest
 - The best timing and structure for the webinar series
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In Progress

- Contacting a list of potential presenters
- Determining presentation lengths and thus the ETIS schedule
- Drafting a save the date message, which will include date, time, web series objectives, and a brief description of ETIS

Fish Monitoring Work Group

Accomplishments

- On April 18, 2024, the full work group convened for updates on tasks and a Tech Talk from Andy Tranmer, a research professor for the Center for Ecohydraulics Research, Department of Civil and Environmental Engineering, at University of Idaho presented a new method for gathering temperature data, "A new approach to spatially characterize water temperature in wadable streams". ([Meeting recording](#))
- The Juvenile Density (Snorkel and Electrofishing) task was completed in April. Task Leads wrote a task summary, and the recommendations for standard field names including the challenges in the development of the recommendations
- Coordinated the "Data Longevity Achieved! Reproducibility throughout the lifecycle and beyond" symposium in collaboration between PNAMP, StreamNet, Fisheries and Oceans Canada at the 2024 WA/BC and Idaho Chapter Annual Meeting (April 29-May 2, 2024)
- The FMWG Core Team met in April, May, and June to plan and coordinate future work, discuss task progress and potential presenter for October meeting

In Progress

- Planning for FMWG Quarterly Meeting (October 18, 2024)
- Creating 2024 FMWG Survey
- Developing work plan for feedback received at the PTAGIS workshop for PIT task, seeking additional task leadership
- Terms and Definitions task created from feedback received at the 2023 CAP Workshop is in development
- Carrying Capacity draft paper has been edited, figures established, and flow and tone are being adapted by co-authors

Intensively Monitored Watersheds Forum

Accomplishments

- A
- B

In Progress

- A
- B

MonitoringResources.org

Accomplishments

- Presented at the Idaho WA/BC AFS conference on connecting MonitoringResources.org to published data using large language models to preserve the data lifecycle
- Reviewed, provided feedback, and finalized 4 methods from April 1st – June 30th, 2024
- Reviewed, provided feedback, and finalized 2 protocols from April 1st – June 30th, 2024
- Finalized some development work on making metadata in MonitoringExplorer.org more findable and accessible
 - Update Data Collection Event upload to allow selecting multiple data repositories
 - Update Data Collection Event upload to allow selecting Study Plan Summary
- Finalized the development work cleaning up the user interface (UI) and providing more seamless navigation
 - Add ability to see and add Collaborators on all entity pages
 - Add "My Collaborations" page under Portfolio
 - Add MathJax plugin to CKEditor4 for saving TeX and displaying mathematical symbols on Method detail
 - Add Data Repositories to Sample Design section of Study Plan Summary
 - Method to Metric Associations should be made via the Protocol instead of on the Method directly
- Finalized the development work tuning up the site and removing dated bugs to increase website longevity and decrease stagnation
 - Monitoring Explorer Angular App - Library Updates
 - Audit current-state MR libraries in use
 - Update automatic email sent replacing Monitoring Methods with Monitoring Resources
 - Hide organizations with no associated MR projects
- Coordinated biweekly meetings with ESA Sitka to discuss current and future development
- Provided one-to-one guidance and assistance to MonitoringResources.org users at ODFW, USGS, PSMFC, Canada DFO, and NOAA

In Progress

- Putting together a virtual MonitoringResources.org training/orientation walking through the BPA Workflow for CORs
- Continued to collaborate with PSMFC StreamNet and Canada DFO to support PNAMP's ongoing work for refining MonitoringResources.org to facilitate connecting methods/protocols/study plans to data sets in StreamNet systems and other systems.
- Assisting project sponsors interested in MonitoringResources.org guidance with one-to-one webinar sessions
- Developing a clearer association between methods and metrics and using these metric associations to assist with metadata discover via cluster models and key word search
- Creating a more user-friendly Monitoring Explorer with better search functionality and updated layers
- Documenting existing and established methods not yet present in MonitoringResources.org
- Updating layers in MonitoringResources.org and the Monitoring Explorer map to align with NPCC
- Creating a tutorial video on how to validate actual sampling locations
- Creating a help video on how to copy/paste equations and special characters from GitHub into Monitoring Resources.
- Investigating connections between MonitoringResources.org and the Salmon Data Discovery Tool and SalHub
 - Exploring the creation and use of ontologies

Outstanding Issues

- How do we link the Study Plan Summary to other regional data systems?
- How do we simplify the process for users to enter information in MonitoringResources.org?

[Remote Sensing Forum](#)

Accomplishments

- A
- B

In Progress

- A
- B

Steering Committee Meeting Series

Accomplishments

- Organized and facilitated the May 28, 2024 PNAMP Steering Committee Meeting. The 2.5-hour virtual meeting agenda included: a partner spotlight on the Middle Fork John Day IMW Report from ODFW & OWEB, task updates, and the Work Plan for FY25

In Progress

- Planning has been initiated for the StreamNet Executive Committee and PNAMP Steering Committee joint session to be held November 6-7, 2024