



PNAMP Quarterly Status Report

January- March 2022

Coordinated Assessments Partnership & HCAX

Accomplishments

- HCAX ad hoc Core Data Team has met three times and is making great progress towards a draft data exchange standard (DES) for HCAX, using the controlled vocabulary developed by the Biologist Work Group.

In Progress

- Preparing for the HCAX Data Managers Work Group to review the proposed HCAX data exchange standard developed by the ad hoc team

Coordination and Communication

Accomplishments

- Proposal accepted for PNAMP coordinating with StreamNet, and AFS FITS day-long symposium at the 2022 National American Fisheries Society (AFS) meeting this August in Spokane, WA. “Bringing it all together: data integration for fisheries research and management success.”
- Abstracts submitted to National AFS “Data Exchange Standard for Integrating Stream Habitat Data from Multiple Monitoring Programs” and “Widening fisheries managers' perspectives on data exchanges from the individual to CAP”
- Co-led “Fisheries Science from the Sky”, a session focused on remote sensing techniques and applications at the 2022 annual Oregon AFS meeting
- Jen Bayer is supporting a new effort from EPA to develop a strategy for long term monitoring of toxics in the Columbia River Basin and sharing of toxics monitoring data. A new working group composed of states, tribes, and federal agencies and co-chaired by Mary Lou Soscia (EPA Columbia River Coordinator) and Jen, had their first meeting in March, with additional meetings scheduled in April and (tentatively) May 2022.
- Completed January, February, and March newsletters
- Ongoing updates to content on PNAMP.org, including major reorganization of Fish Monitoring Work Group Task Team content to make this information more accessible

In Progress

- Seeking relevant topics that would be a good fit for a story in the PNAMP Newsletter, contact Sam Cimino (scimino@usgs.gov)
- April, May, and June newsletters
- Transitioning from MailMan ListServ to GovDelivery listserv for the PNAMP monthly newsletter
- Coordinating with StreamNet and AFS FITS to line up speakers for 2022 National AFS Symposia

Data Management and Sharing Best Practices – Data Visualization

In Progress

- Participating on CDI Data Visualization Collaboration Area organizing team to plan upcoming webinars.

Emerging Technologies Information Sessions

Accomplishments

- Created the Emerging Technologies Information Sessions Hybrid Event save-the-date and distributed it via the ETIS mailing list and the PNAMP newsletter.
- Recruited and met with ETIS Planning Group members.
 - The Planning Group helped select topics/themes for the call for abstracts and helped identify potential keynote speakers. In time, they will also review submitted abstracts and help moderate sessions during the event.
- Created the [call for abstracts](#) and distributed it via the ETIS mailing list, the PNAMP newsletter, one-to-one outreach, and an announcement on the PNAMP.org website.
- StreamNet secured \$6,000 in sponsorships from seven organizations to help reduce the cost of registration for participants.

In Progress

- The Logistics Team continues to work on the event program details, updating the [event page](#) on pnamp.org as needed, developing the abstract review process, and recruiting keynote speakers.

Outstanding Issues

- The COVID-19 pandemic continues to make planning in-person events very difficult. We need to be flexible and prepared to adjust our plans as necessary.

Fish Monitoring Work Group

Accomplishments

- Convened January 20th meeting, event materials can be found [here](#)
 - Watch the January FMWG Tech Talk: Migration Patterns of John Day River Adult Steelhead presented by Ian Tattam (ODFW) on [our YouTube channel](#)
- The FMWG Core Team met in twice in January, once in February and March to do progress updates, plan, and coordinate future work
- Task Teams Updates:
 - Carrying Capacity Standards met in January and March to continue refining outcomes and products
 - Rotary Screw Trap (RST) Operation leads met in January and February to finish draft task description
 - On February 10th leads presented the task description and worked with the task team to identify and adjust issues, [event page](#)
 - Juvenile Density (Snorkel and Electrofishing) team leads met in January and March to finish draft task description
 - On February 17th leads presented the task description and worked with task team to identify and adjust issues, [event page](#)
 - Fish Population Names and GIS Boundaries are fine-tuning the task description and will convene task group in April
 - MAFAC and NPCC SPI convened to work on the draft task description and products; Phase 1 is in progress with expected completion in April

In Progress

- Planning for FMWG Quarterly Meeting (April 21, 2022), [event page](#)
 - April's FMWG Tech Talk speaker will be Eli Holmes (NOAA), presenting the National Oceanographic and Atmospheric Administration's 2022 Biological Viability Assessment
- Additional Task Teams will begin April - June

Intensively Monitored Watersheds

Accomplishments

- With the Core Team, completed the draft synthesis report and distributed it to IMW principal investigators for review.

In Progress

- Working with the Core Team on the final draft of the synthesis report, reconciling feedback from 11 reviews. The report focuses on habitat restoration and fish population benefit results to date, coordination and management implications, and current research priorities and future opportunities. Once the final draft is complete, it will go through the USGS peer review process before being finalized for public distribution.

MonitoringResources.org

Accomplishments

- Finalized 4 protocols and 35 methods from January 1 to March 31, 2021
- Presented the MonitoringResources.org Orientation for Users on January 6, 2022
- Coordinated biweekly meetings with ESA Sitka
- Coordinated monthly meetings with BPA COR and BPA subject matter experts
- Coordinated with BPA staff to understand proprietaries for 2022 development
- Update MonitoringResources.org charter based on BPA's feedback to include a section on outreach
- Met virtually one-to-one with Oregon Department of Fish and Wildlife, Confederated Tribes of Warm Springs, and Columbia River Inter-Tribal Fish Commission MonitoringResources.org users for specific user support guidance.
- Completed work order with CA WDR to integrate Delve data system and MonitoringResources.org documentation
- Presented to the StreamNet technical team to request improvements to Project Number and Study Plan URL in the StreamNet Data Store DES, technical team approved, and StreamNet Steering committee approved. The next step is to scope how to implement these changes.

In Progress

- Coordinating with StreamNet to do a second presentation to the StreamNet technical team to scope improvements to project number and MonitoringResources.org Study Plan URL to the DES for the Data Store
- Coordinating with ESA Sitka to update the navigation on MonitoringResources.org to simplify the tools for users, update the security, complete bug fixes of the tools, scope the automation of Archiving older draft content
- Working with Sitka to update the data repositories listed in CBFish.org with those projects in MonitoringResources.org
- Organizing a meeting with the CA WDR to start working on Delve, MonitoringResources.org integration
- Creating a Delve/MonitoringResources.org crosswalk and protocol template
- Assisting project sponsors interested in MonitoringResources.org guidance with one-to-one webinar sessions
- Creating a "Getting Started" module for MonitoringResources.org guiding new users on the best approach to documenting their metadata
- Updating the MonitoringResources.org Guidance Document
- Creating new training videos concerning: Creating a Method from Scratch and Navigating the Study Plan Summary
- Updating the "Cloning a Protocol in MonitoringResources.org" training video
- Drafting a focused survey of MonitoringResources.org users to gather feedback
- Continuing to investigate how to reuse MonitoringResources.org, StreamNet, and CBFish.org data into a standard metadata format

- Coordinating May MonitoringResources.org update for BPA

Outstanding Issues

- How do we link the Study Plan Overview (one-stop-shop) to other regional data systems?
- How do we simplify the process for users to enter information in MonitoringResources.org?
- How do we make the Monitoring Explorer map more user-friendly?
- How do we streamline the stylizing and updating of the layers in Monitoring Explorer?

Remote Sensing Forum

Accomplishments

- With Lauren Burns (CRITFC), co-led the organization and implementation of the RSF quarterly meeting.
 - The March 16, 2022 meeting was attended by at least 31 people. Meeting recording [here](#). Featured presentations by: Kurt D. Carpenter (USGS), *Use of remote sensing to detect algae in rivers, lakes, and reservoirs* and Dr. Emily Fairfax (CSUCI) *Smokey the Beaver: how beaver dams keep riparian corridors green during droughts and wildfires*.
- RSF listserv has grown to 72 members.

In Progress

- Planning the June 2022 quarterly RSF meeting.
- The RSF Organizing Committee is working on drafting an entry level remote sensing best practices document.
- Posting content to the RSF MS Team, responding to posts as needed.

Stream Habitat Metric Integration

Accomplishments

- Organized and implement project team meeting March 8th - Stakeholders from USGS, BLM AIM, EPA NRSA and USFS PIBO, and AREMP, ten people in attendance
- Shared draft of lessons learned recommendations and FAIR assessment manuscript with Project Team
- Share draft of ScienceBase page, including:
 - USGS Techniques and Methods Report
 - Dataset of integrated data from the four partners as an Access Database, .CSV files, and an analysis ready dataset
 - XML metadata
 - Git Repository with
 - Data Exchange Standard for Stream Habitat Data
 - R code to integrate data from the four partners
- Documented program methods in MonitoringResources.org and worked with partners to gather feedback
- Updated R code to add BLM 2021 data

In Progress

- Outreaching and communicating to outline a work plan for the future of this project
- Reacting to comments from the project team on lessons learned and recommendations paper
- Continued improvements in the workflow to combined data

Steering Committee Meeting Series

Accomplishments

- February 2, 2022 Steering Committee meeting, [event page](#)

- March 30, 2022 Steering Committee Climate Change Work Plan FY23 meeting, [event page](#)

In Progress

- Planning upcoming May 10, 2022 Steering Committee meeting, [event page](#)
 - PNAMP Work Planning for FY23
- Seeking Partner Spotlight that would be of interest to our committee, contact Meg Dethloff (mdethloff@usgs.gov)