



# PNAMP Quarterly Status Report

## April - June 2021

### Coordinated Assessments Partnership & HCAX

#### Accomplishments

- [CAP Newsletter Issue 2 June 2021](#)
- HCAX Workshop 1 (March 11, 2021) [Summary Report](#)
- HCAX ad hoc workgroup meeting (April 20, 2021) to prepare for Biologist meeting [Recommendations for Moving Ahead](#)
- HCAX Biologist Work Group Meeting 1 (June 2, 2021) to confirm list of indicators that represent the first phase of sharing hatchery indicators and begin work on definitions, supporting metrics, and data sources. [Meeting 1 materials](#)

#### In Progress

- Compilation of results from HCAX Biologist Work Group Meeting 1 and preparations for next Biologist Work Group Meeting underway

### Coordination and Communication

#### Accomplishments

- Completed April, May, June Newsletters; see Newsletters on PNAMP.org
- 2020 Annual Report ([Link](#))
- Represented PNAMP in the Columbia River Restoration Program Long Term Monitoring Strategy meeting
- Ongoing updates to content on PNAMP.org

#### In Progress

- July Newsletter
- Seeking relevant topics that would be a good fit for a story in the PNAMP Newsletter, contact Meg Dethloff ([mdethloff@usgs.gov](mailto:mdethloff@usgs.gov))

### Data Management and Sharing Best Practices – Data Visualization

#### Accomplishments

- Coordinated with organizing team to implement a session at the USGS CDI 2021 Workshop on May 28th entitled “The fundamentals of design for scientific data visualization”.
  - For workshop registrants and Department of the Interior employees, links to workshop recordings are available at: <https://2021cdiworkshop.sched.com/>

#### In Progress

- Participating on CDI Data Visualization Collaboration Area organizing team planning quarterly webinars. Upcoming webinar speakers include:
  - July 8, 2021 - Mike Freeman (Observable HQ)
  - September 16, 2021 - Cedric Scherer (Self-Employed Data Visualization Specialist, Researcher at Leibniz Institute for Zoo and Wildlife Research (IZW))

## Emerging Technologies Information Sessions

### **In Progress**

- Coordinating with StreamNet to explore venues for 2022 in person conference.

## Fish Monitoring Work Group

### **Accomplishments**

- Task Teams beginning to work: HLI Display Task nearing completion of [recommendations](#) for StreamNet Steering and Executive Committees; Outmigrant Data Exchange Standard (DES) and Carrying Capacity DES Task Teams forming
- FMWG Core Team has completed the [Charter](#) and Work Plan

### **In Progress**

- Planning for FMWG Quarterly Meeting ([July 15 2021](#))
- Population Names & GIS Boundaries meeting in July to initiate task group. More Task Teams to begin August - September

## Intensively Monitored Watersheds

### **Accomplishments**

- Worked with the core team to finalize IMW Management Applications Synthesis questionnaire that will inform the fall 2021 virtual workshop series discussions and synthesis documents.
- Pre-populated the questionnaire response table for questions that overlapped with 2017 PNAMP questionnaire and 2021 GSRO survey.

### **In Progress**

- Finalizing proposals to fund “IMW Management Applications Synthesis” work and “Science to Policy” conversations. Working with administrative staff to get funding agreements in place, including funding from PSMFC, NOAA through PSMFC, and WA RCO.

## MonitoringResources.org

### **Accomplishments**

- Organized and presented the MonitoringResources.org Orientation for Users on April 15, 3031
- Recorded and posted the [MonitoringResources.org Orientation](#) webinar to PNAMP.org and YouTube
- Finalized 19 protocols and 40 methods since April 1, 2021
- Coordinated biweekly meetings with Sitka, BPA COR, and BPA subject matter experts
- Created and distributed the MonitoringResources.org 2021 Survey to influence future development
- Oversaw the development of the Study Plan “Overview” (one-stop-shop)
- Completed development of Study Plan “Overview” (one-stop-shop), rolling up Study Plans based on BPA Project Numbers, and an API for Study Plans connection to a BPA Project
- Facilitated a meeting with BPA and StreamNet to discuss coordination of GIS work
- Organize and facilitate 2022 work planning meeting and agreed on end of 2021 and start of 2022 MonitoringResources.org ideas

### **In Progress**

- Rolling up documentation to the project level and working with Sitka to troubleshoot/update the new Study Plan Overview

- Drafting a presentation in collaboration with BPA on an introduction to MonitoringResources.org and Pisces Web for CORs
- Work with Sitka to start outlining how to improve the tools so user can enter their actual data collection locations (post sampling)
- 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
- Coordinate with CA DWR to integrate MonitoringResources.org into their data management software
- Creating training videos concerning: Cloning Protocols and Creating a Method from Scratch

#### **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?

#### **List of Development Released**

- Study Plan “Overview” (one-stop-shop). The navigation to this object is still not implemented.
- Update Program page to only show finalized and draft Protocols and Study Plans.
- Roll up Study Plans based on the BPA Project Number and issue an API for accessing this information
- Bug fix: Improve rich text editor focus
- Update PNAMP contact info with USGS email address

## [Remote Sensing Forum](#)

#### **Accomplishments**

- Organized and held the second RSF meeting on June 15th. Attended by at least 33 people. Full meeting recording [here](#). Meeting topics and recording links as follows:
  - New Remote Sensing Forum MS Team Discussion Board: [5:46](#)
  - Kai Ross (Cramer Fish Sciences), Automated Feature Extraction: The Trials and Tribulations of Extracting LWD: [13:39](#)
  - Rikeem Sholes (USFW), Burgeoning Technology in Fish Population Monitoring: [51:20](#)
- Launched RSF MS Team on June 15th to serve as an online discussion board for the forum. At time of writing the team had 26 members.
- RSF listserv grew from 36 to 49 members.

#### **In Progress**

- Planning for next meeting to be held in early September.
- Posting content to the RSF MS Team, responding to posts as needed.

## [Stream Habitat Metric Integration](#)

#### **Accomplishments**

- Organized and implement project team meeting on April 15<sup>nd</sup> - Stakeholders from USGS, BLM AIM, EPA NRSA and USFS PIBO and AREMP, 9 people in attendance
- Draft, share and compile a questioner for project leaders to understand the specifics issues with programs’ data
- Present Stream Habitat Metric work at 2021 CDI Workshop

#### **In Progress**

- Writing code and updating Git Hub documentation to intergrade stream habitat metrics from multiple monitoring programs
- Documenting program metrics in MonitoringResources.org
- Writing a manuscript describing the process for integrating stream habitat metrics
- Organizing a session to learn more about data sharing platforms
- Coordinate with USGS to understand the process for a USGS Data Release and Methods Report

#### **Outstanding Issues**

- How do we integrate this work with other efforts in the Pacific Northwest?
- How do we add state and tribal data to this data set?

## **Steering Committee Meeting Series**

#### **Accomplishments**

- May 6, 2021 Meeting: [meeting materials here](#)

#### **In Progress**

- Next meeting planned for late September 2021; date TBD, potentially in-person in Portland