



PNAMP Quarterly Status Report July - September 2021

Coordinated Assessments Partnership & HCAX

Accomplishments

- HCAX Biologist Work Group Meeting 2 (September 15, 2021) [Event page with materials](#)
- Briefing for StreamNet Steering Committee September 2, 2021
- Briefing for StreamNet Executive Committee September 9, 2021
- Presentation to NPCC Strategic Performance Indicators Work Group September 13, 2021; CAP and HCAX indicators represent a significant portion of data of interest to NPCC

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

- Provided overviews of PNAMP and StreamNet (jointly with Nancy Leonard, StreamNet) to Northwest Power and Conservation Council staff Cathy Kellon (Oregon Fish and Wildlife Policy Analyst) and Steve West (Idaho Fish and Wildlife Policy Analyst)
- Completed July, August, September Newsletters; see Newsletters on PNAMP.org
- Ongoing updates to content on PNAMP.org

In Progress

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

Data Management and Sharing Best Practices – [Data Visualization](#)

Accomplishments

- Participated on the CDI Data Visualization Collaboration Area organizing team to implement quarterly webinar series.
 - July 8, 2021 - Mike Freeman (Observable HQ), Using Observable for Data Visualization: https://youtu.be/tkGoR_wXWgg
 - September 16, 2021 - Cedric Scherer (IZW), How to create and style charts with ggplot2: <https://youtu.be/WBA04fjTVU0>

In Progress

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

[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 is complete and [recommendations](#) were endorsed by StreamNet Steering and Executive Committees
 - Carrying Capacity DES met in July, August, and September to coordinate leads and work on task description document
 - Population Names & GIS Boundaries met in July to initiate task team, draft the task description and plan to convene task team in October

In Progress

- Outmigrant/Smolt Equivalent Data Exchange Standard (DES) and Carrying Capacity DES Task Teams forming
- Planning for FMWG Quarterly Meeting (October 21, 2021)
- Additional Task Teams will begin October - November

Intensively Monitored Watersheds

Accomplishments

- Emailed IMW Management Application Synthesis questionnaire to practitioners representing 16 PNW IMWs. Sent multiple follow-up emails to individuals to maximize response rate.
- Compiled IMW Management Applications Synthesis questionnaire responses from 12 PNW IMWs into word document

In Progress

- Core Team is working on synthesizing questionnaire responses to be shared as prep materials for the virtual workshop series. The synthesis is focused on commonalities and differences in fish response, habitat treatment and conditions, management and coordination applications, and unique findings.
- Doodling PI's to find the best dates for the virtual workshop series.

MonitoringResources.org

Accomplishments

- Finalized 4 protocols and 15 methods since July 1, 2021
- Coordinated biweekly meetings with Sitka, BPA COR, and BPA subject matter experts
- Completed development of Study Plan edit page to support users entering metadata
- Verified and updated the list of data repositories in MonitoringResources.org
- Summarized documentation to the project level and working with Sitka to troubleshoot/updated the new Study Plan Overview
- Completed overview and development for the FY2021 BPA contract, coordinated with Sitka and BPA to approve and release all development ideas

In Progress

- Coordinating a meeting of BPA, Sitka and PNAMP staff to review 2021 work and plan 2022. Meeting scheduled for October 7th
- Drafting a presentation in collaboration with BPA on an introduction to MonitoringResources.org and Pisces Web for CORs
- Updating the MonitoringResources.org Orientation for Users presentation to deliver in November, December, and January

- Work with Sitka to start outlining how to improve the tools so user can enter their actual data collection locations (post sampling)
- Working with Sitka to update the data repositories listed in CBFish.org with those projects in MonitoringResources.org
- 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 new training videos concerning: Creating a Method from Scratch and Navigating the Study Plan “Overview”
- Updating the “Cloning a Protocol in MonitoringResources.org” training video

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

- Update Study Plan Edit Page:
 - Add a way to create a Sample Design
 - Import Rationale and Objectives from the Protocol into the Study Plan
 - Allow a user to create a protocol and link it to the study plan
- Fix broken Program create function
- MonitoringResources.org fileserver consolidation
- Add Nagios monitoring to MR QA Geoserver
- In the Sample Design review map: Remove panels from the review map if the sample design does not have user defined panels
- Transition release process/permissions to Hawk Moth (Hawk Moth = the new development team)
- Monitoring Explorer - Update from .NET Core 2.2 to supported version be able to release
- Scope Naming and navigating UI/UX updates with support of a UI/UX expert
- Update security in MonitoringResources.org to allow communication with Pisces Web tools

[Remote Sensing Forum](#)

In Progress

- Planning upcoming quarterly meetings
 - October 5, 2021
 - Featured presentations by Matt Barker (OSU) and Steve Gorrone (Biomark)
 - Dec 2021/Jan 2022
 - Meeting will focus on review, discussion, and feedback on entry level, remote sensing forum best practices document being developed by the PNAMP RSF Organizing Committee
- Posting content to the RSF MS Team, responding to posts as needed

Stream Habitat Metric Integration

Accomplishments

- Organized and implement project team meeting on September 29nd - Stakeholders from USGS, BLM AIM, EPA NRSA and USFS PIBO and AREMP, 10 people in attendance
- Draft and shared lessons learned and FAIR assessment tables
- First draft of data set, reviewed with project team
- First draft of code and Git Hub documentation to integrate stream habitat metric data from multiple monitoring programs
- Work with USGS and PSMFC to hire a data specialist to support publishing of the integrated data set, methods and manuscripts
- Added PIBO data to the data set to integrated data set
- Drafted 2022 work plan

In Progress

- Documenting program methods in MonitoringResources.org
- Writing a manuscript describing the lessons learned and recommendations
- Working on USGS data release and USGS Methods and Technique 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?
- How do we find continued support for to maintain this data set.

Steering Committee Meeting Series

Accomplishments

- Steering Committee Meeting (September 28, 2021) [Event page with materials](#)

In Progress

- Seeking Partner Spotlight that would be of interest to our Committee, contact Meg Dethloff (mdethloff@usgs.gov)
- Planning upcoming winter Steering Committee meeting