



PNAMP Quarterly Status Report October- December 2021

[Coordinated Assessments Partnership & HCAX](#)

Accomplishments

- HCAX Biologist Work Group Meeting 3, which completed the controlled vocabulary exercise (December 9, 2021) [Event page with materials](#)
- [CAP Newsletter Issue 3](#) completed

In Progress

- Preparing for the HCAX Data Managers Work Group to develop the HCAX data exchange standard from the controlled vocabulary

Coordination and Communication

Accomplishments

- Jen Bayer was an invited panelist for the International Year of the Salmon's *Salmon and People in a Changing World* Seminar 5: [Open Ocean to Open Source: the Power of Data in a Rapidly Changing World](#)
- Completed October, November, December newsletters; see Newsletters on PNAMP.org
- Ongoing updates to content on PNAMP.org

In Progress

- January and February newsletters
- Seeking relevant topics that would be a good fit for a story in the PNAMP Newsletter, contact Sam Cimino (scimino@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. The December 2, 2021 webinar was attended by at least 52 people. Webinar recording [here](#). Featured presentation by Africa Flores-Anderson (NASA) *Earth Observations for a Sustainable Future*.

In Progress

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

[Emerging Technologies Information Sessions](#)

Accomplishments

- The ETIS Logistics Team met monthly and made progress on event planning for the 2022 hybrid event including: compiled distribution list of potential participants; sent survey to potential participants to gauge interest, feedback on dates, in person vs virtual, etc. (received 104 responses); conducted venue cost comparison; conducted venue site visit; selected dates and location; created a [webpage for the event](#) at pnamp.org; and drafted the save-the-date.

In Progress

- PSMFC staff are negotiating the contract with the venue and are working on securing sponsors to help lower the registration cost for participants.

- The Logistics Team is continuing to work on the event program details and identifying candidates to serve on the Planning Group. The Planning Group will help select topics/themes, identify keynote speakers, review submitted abstracts, and help moderate sessions during the event.
- The save-the-date announcement will go out in the January PNAMP newsletter and as an email to the ETIS distribution list in early January.

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 October 21st meeting, event materials can be found [here](#)
 - Watch the October FMWG Tech Talk: An overview of WDFW’s State of Salmon (SoS) analysis 2020 presented by Neala Kendall (WDFW) and Thomas Buhrens (WDFW) on [our YouTube channel](#)
- The FMWG Core Team met in twice in October, and once in November and December to do progress updates, plan, and coordinate future work
- Task Teams Updates:
 - CAP DES Juvenile Outmigrant Refinement: Define Smolt Equivalent met in October and November to refine the task description
 - On November 23rd leads presented the task description and worked with the task team to identify and adjust issues, [event page](#)
 - Carrying Capacity DS met in October work on task description document
 - On November 29th leads presented their draft task description, justification, and predicted outcomes to the task team, [event page](#)
 - Rotary Screw Trap (RST) Operation DS team leads met in October and November to work on task description; task team will convene in 2022
 - PIT Array and related PIT Tag Analysis team leads met in October to work on task description; task team will convene in 2022
 - Fish Population Names and GIS Boundaries are fine-tuning the task description and will reconvene leads in 2022

In Progress

- Planning for FMWG Quarterly Meeting (January 20, 2022), [event page](#)
 - January’s FMWG Tech Talk speaker will be Ian Tattam (ODFW) presenting *Migration Patterns of John Day River Adult Steelhead*
- Additional Task Teams will begin January - March

Intensively Monitored Watersheds

Accomplishments

- Worked as part of the Core Team to organize and host three virtual workshops ([November 16](#), [November 30](#), [December 7](#)) aimed at identifying IMW lessons learned to date and recommended applications from the IMW programs to conservation and restoration work. At least 40 people from 21 organizations representing 13 IMWs participated in the workshops.

In Progress

- Core Team is working on refining “core messages” based on workshop discussions for inclusion in the synthesis report. The revised core messages will be shared in early January for another round of review and feedback. Core messages are the general lessons that are coming out of the IMW network. They are strong concise

statements, actions that can be applied or transferred, supported by IMW data/analysis, and apply to our guiding question (What is the most compelling case to funders and stakeholders that IMW's are resulting in tangible, implementable restoration and management recommendations that improve fish production, resiliency, and/or survival?).

- Core Team is drafting the synthesis report that will include questionnaire responses, workshop proceedings, and core messages. The report will focus on habitat restoration and fish population benefit results to date, coordination and management implications, and identify current research priorities and future opportunities. The report will be shared with IMW Principal Investigators for review and feedback in mid-February before being finalized in late March for broader distribution.

MonitoringResources.org

Accomplishments

- Finalized 5 protocols and 14 methods from October 1 to December 31, 2021
- Coordinated biweekly meetings with Sitka, BPA COR, and BPA subject matter experts
- Facilitated October 7, 2021 meeting with BPA, Sitka and PNAMP staff to review 2021 work and 2022 workplan
- Coordinated with BPA staff to understand proprietaries for 2022 development
- Presented MonitoringResources.org Orientation for Users in November and December
- Met virtually one-to-one with Confederated Tribes of Colville Reservation and Idaho Fish and Game MonitoringResources.org users for specific user support guidance.
- Facilitated meetings with CA WDR on integrating Delve data system and MonitoringResources.org documentation

In Progress

- Working with Sitka to update the data repositories listed in CBFish.org with those projects in MonitoringResources.org
- Preparing for the January 6, 2022 MonitoringResources.org Orientation for Users
- Coordinating with StreamNet to develop a presentation for the StreamNet technical team to explore improving the linkage between StreamNet datasets and MonitoringResources.org documentation
- 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, Writing 2022 work plan for Delve
- 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?

[Remote Sensing Forum](https://RemoteSensingForum.org)

Accomplishments

- With Lauren Burns (CRITFC), co-led the organization and implementation of the RSF quarterly meeting.

- The October 8, 2021 meeting was attended by at least 28 people. Meeting recording [here](#). Featured presentations by: Matt Barker (OSU) *Estimating 2-dimensional area of coarse woody material from UAS imagery* and Wyatt McCurdy (USFS Contractor) *Remote sensing methods for monitoring Stage 0 restoration metrics on Whychus Creek using high-resolution imagery*.
- The December 14, 2021, meeting was attended by at least 33 people. Meeting recording [here](#). Featured presentations by: Morgan Bond, Ph.D. (NOAA Fisheries) *Using Satellite Imagery to Inform Models of Instream Flow and Fish Habitat* and Nick Wagner (Foresight Drone Services) *Marine Debris Detection with Amphibious Fixed-wing UAVs: Stories from the Great Pacific Garbage Patch*.
- RSF listserv has grown to 65 members.
- RSF MS Team has grown to 34 members.

In Progress

- Organizing a session focused on remote sensing techniques and applications for the 2022 annual Oregon AFS meeting.
- Planning the March 2022 quarterly RSF meeting.
- The RSF Organizing Committee is working on drafting an entry level remote sensing best practices document with the intent to share the draft and solicit feedback at the March meeting.
- Posting content to the RSF MS Team, responding to posts as needed.

Stream Habitat Metric Integration

Accomplishments

- Organized and implement project team meeting on November 22nd - Stakeholders from USGS, BLM AIM, EPA NRSA and USFS PIBO and AREMP, 10 people in attendance
- Coordinate with USGS partners to start planning on integrating the dataset into USGS resources
- Initiated work with a metadata specialist to support publishing of the integrated data set, methods and manuscripts
- Drafted summary tables of lessons learned, recommendations, and FAIR assessment of each program and shared for review by the project team
- Continued improvements to code and Git Hub documentation to integrate stream habitat metric data from multiple monitoring programs
- Documented program methods in MonitoringResources.org and worked with partners to gather feedback

In Progress

- Writing a manuscript describing the lessons learned and recommendations
- Working on USGS data release and USGS Methods and Technique Report
- Finalizing code and dataset

Steering Committee Meeting Series

In Progress

- Planning upcoming February 2, 2022 Steering Committee meeting, [event page](#)
 - PNAMP Partner Spotlight featuring: Nicole DeCrappeo (USGS) will be presenting her work with the North Central and Northwest Climate Adaptation Science Centers (CASCs)
- Seeking Partner Spotlight that would be of interest to our Committee; contact Meg Dethloff (mdethloff@usgs.gov)