



# PNAMP Quarterly Status Report

## April- June 2022

### Coordinated Assessments Partnership & HCAX Project

#### Accomplishments

- HCAX ad hoc Core Data Team presented questions to the Biologist Workgroup necessary to clarify the Controlled Vocabulary (needed to finish the data exchange standard (DES) for HCAX).
- Outreach presentation to Salish Sea/Southern British Columbia PIT Tag data management framework meeting 23 June 2022, invited by Department of Fisheries and Oceans Canada

#### In Progress

- Preparing for fall HCAX Workshop 2, where the HCAX Data Managers Work Group will review the proposed HCAX data exchange standard.

### Coordination and Communication

#### Accomplishments

- Introduction to PNAMP Briefing for Stephanie Page, new OWEB Deputy Director June 2022
- Completed April, May and June newsletters
- Transitioned from MailMan ListServ to GovDelivery listserv for the PNAMP monthly newsletter
- Coordinated with StreamNet and AFS FITS to line up speakers for 2022 National AFS Symposium

#### In Progress

- Seeking relevant topics that would be a good fit for a story in the PNAMP Newsletter, contact Sam Cimino ([scimino@usgs.gov](mailto:scimino@usgs.gov))
- July, August, and September newsletters

### 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 May 31, 2022 webinar was attended by at least 91 people. Webinar recording [here](#). Featured presentation by Connie Jin (NPR) *Data viz, illustration and Comics: visual storytelling for news*.

#### In Progress

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

### Emerging Technologies Information Sessions

#### Accomplishments

- Accepted 52 abstracts
- Secured 3 keynote speakers – Mark Saunders (North Pacific Anadromous Fish Commission), Samantha Chisholm-Hatfield (Oregon State University), and Leila Kaneda (SightLine Applications)
- StreamNet secured an additional \$1000 in sponsorships for a total of \$7000

#### In Progress

- Fine tuning cost estimates to determine registration fee

- Working with PSMFC staff to set up registration in Cvent
- Drafting conference program in Sched
- Drafting speaker guidance
- Recruiting additional posters for the poster session
- Updating the [event page](#) on pnamp.org as needed

#### 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 April 21st meeting, event materials can be found [here](#)
  - Watch the April FMWG Tech Talk: Common Metrics Used in the PNW Salmonid “Viability Report” presented by Eli Holmes (NOAA) on [our YouTube channel](#)
- The FMWG Core Team met in twice in April and once in May to do progress updates, plan, and coordinate future work
- Task Teams Updates:
  - Carrying Capacity Standards met in April, May, and June to continue refining outcomes and working on a best practices white paper
    - On May 31<sup>st</sup>, leads recapped the November meeting, and had two presenters: Kevin See ([video](#)) presented observations and limitations of products in development of the Quantile Regression Forest Carrying Capacity models using regional habitat data and Brian Maschhoff ([video](#)) presented visualization to model output and interpretation and QA/QC interoperability of data carrying capacity and other monitoring data and how to integrate variables for display and comparison. And discussed creating a best practice document.
  - Fish Population Names and GIS Boundaries met in April, May, and June to complete task description draft and prepare for kick-off meeting as well as the follow-up meeting
    - On April 27<sup>th</sup>, the leads presented the task description and worked with the task team to identify and adjust issues, [event page](#)
    - On June 15<sup>th</sup>, the task team met again to focus on development of a documented workflow for creating an integrated set of fish management and analysis unit names and GIS boundaries (for the listed and non-listed segments) of a species range. Task participants contributed by walking through and proving out the process for bull trout within the Pacific Northwest Region (not limited to the Columbia Basin), [event page](#)
  - Data Display Implementation met in April and May to complete task description draft, products, timelines and prepare for kick-off meeting
    - On June 3<sup>rd</sup>, the leads presented the task description and worked with the task team to identify and adjust issues, [event page](#)
  - MAFAC and NPCC SPI met in April to wrap up Phase 1 of the task; Phase 1 report is in progress and will be finalized in July or August. The task will be on hold until further notice

#### In Progress

- Planning for FMWG Quarterly Meeting (October 20, 2022), [event page](#)
- Fish Population Names and GIS Boundaries are following up with bull trout biologists to fill in missing information in fish use corridors with an example product expected in late July/August
- Data Display Implementation is gathering input from subject matter experts on Task 1 and Task 2 and leads will meet in July to discuss next steps and process input

- Carrying Capacity Standard leads are working on a draft best practices white paper and expect to have a draft to present to task team in August
- MAFAC and NPCC SPI will complete the phase 1 document in July or August
- Rotary Screw Trap and Juvenile Density Task leads will reconvene in July

## Intensively Monitored Watersheds Forum

### Accomplishments

- Completed peer review and published the PNAMP IMW synthesis report [Management Implications from Pacific Northwest Intensively Monitored Watersheds](#)

### In Progress

- Working with PNW IMW principal investigators to produce new IMW factsheets for individual IMWs and updating the PNAMP IMW website as factsheets are completed.
- Scheduling a virtual PNAMP IMW forum meeting for September 2022 with broad IMW stakeholder group to help inform workshop agenda.

## MonitoringResources.org

### Accomplishments

- Finalized 8 protocols and 17 methods from April 1 to June 30, 2022
- Presented the MonitoringResources.org Orientation for DELVE Subject Matter Experts and CA DWR on June 6<sup>th</sup>
- Coordinated Bi-weekly meetings with CA DWR subject matter experts to help document their metadata in MonitoringResources.org
- Coordinated biweekly meetings with ESA Sitka to discuss current and future development
- Coordinated monthly meetings with BPA COR and BPA subject matter experts
- Coordinated with BPA staff to understand proprietaries for 2022 development
- Updated MonitoringResources.org charter based on BPA's feedback to include a section on outreach
- Met virtually one-to-one with Washington Department of Fish and Wildlife, California Department of Water Resources, and Columbia River Inter-Tribal Fish Commission MonitoringResources.org users for specific user support guidance.
- 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.
- Worked with Sitka to update the data repositories listed in CBFish.org with those projects in MonitoringResources.org
- Created a new training video instructing new users on how to create an account in MonitoringResources.org
- Coordinated a June MonitoringResources.org update for BPA

### 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
- 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

#### **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

#### **In Progress**

- Planning the next 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 Project

#### **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**

- May 10, 2022 Steering Committee meeting, [event page](#)

#### **In Progress**

- Planning upcoming collaborative in-person StreamNet Executive Committee and PNAMP Steering Committee meetings for September 21-22, 2022 in Portland, OR