



pacific northwest aquatic
monitoring partnership

PNAMP Steering Committee Meeting NOTES

September 22, 2022, 9:00 am – 12:00 pm

Location: Portland State Office Building 800 NE Oregon St, Portland, OR 97232 Room 1E

Distribution: see list at end of notes

Agenda

- 9:00 Welcome and Introductions
- 9:10 PNAMP Partner Spotlight: Summary of Grantee's Feedback on Climate Impact Considerations – Ken Fetcho, Jessi Kershner, Audrey Hatch, Oregon Watershed Enhancement Board
- 9:40 PNAMP Project Spotlight: Stream Habitat Metrics Integration Project
- 10:10 PNAMP Project Short Updates
 - Intensively Monitored Watersheds
 - Emerging Technologies Information Sessions
 - Remote Sensing Forum
 - MonitoringResources.org
- 10:30 *Break*
- 10:40 Round Robin
- 12:00 *Adjourn*

Attendees

Jody Lando (BPA), Russell Scranton (BPA), Scott Donahue (BPA), Tami Wilkerson (CBFWL), Denise Kelsey (CRITFC), Sheryn Olson (CRITFC), John Cassinelli (IDFG), Mike Edmondson (ID OSC), Greg Sieglitz (NOAA), Mari Williams (NOAA/PSMFC), Leslie Bach (NPCC), Jamie Anthony (ODFW), Kasey Bliesner (ODFW), Ken Fetcho (OWEB), Audrey Hatch (OWEB), Jessi Kershner (OWEB), Stephanie Powers (OWEB), Mike Banach (PSMFC), Nancy Leonard (PSMFC), Jeff McLaughlin (USBR), Lisa Kusnierz (US EPA), Chris Hirsch (USFS), Erin Dlabola (USGS/PSMFC), Racheal Paul-Wilson (USGS), Steve Waste (USGS), Dan Rawding (WDFW), Brodie Cox (WDFW), Keith Dublanica (WA GSRO), and Tom Iverson (YNFP)

PNAMP Staff: Jen Bayer, Amy Puls, and Meg Dethloff

Event page with meeting materials: <https://www.pnamp.org/event/pnamp-steering-committee-meeting-and-joint-session-with-the-streamnet-executive-committee>

Action Items

- Please provide feedback for the joint meeting of StreamNet and PNAMP even if you were not in attendance for day 1. Your input helps us improve our meetings to better serve you.
 - MS Survey Form <https://forms.office.com/g/8zDqPR4JpQ>

Links Shared during meeting:

Intensively Monitored Watersheds

- IMW synthesis report: [Management Implications from Pacific Northwest Intensively Monitored Watersheds](#)

Emerging Technologies Information Sessions

- Conference Program: [Online Program](#) | [At a Glance Schedule](#)

- Registration Deadline: November 10, 2022, or Until Sold Out | [Register Here](#)
- Lodging Reduced Rate Deadline: October 15, 2022 | [See Details on Website](#)

Notes

PNAMP Partner Spotlight: *Summary of Grantee's Feedback on Climate Impact Considerations* – Ken Fetcho, Jessi Kershner, Audrey Hatch, Oregon Watershed Enhancement Board

OWEB's idea for this presentation came from the [PNAMP Climate Change Work meeting](#); which was a follow-up from the [February meeting](#) where Nicole DeCrappeo (USGS) presented her work with the Northwest Climate Adaptation Science Center (CASCs) and the Steering Committee discussed how PNAMP can better support its partners to incorporate climate impact considerations into their work. OWEB volunteered to give this presentation to summarize their grantee's feedback on climate impact considerations. [Click here](#) to view the presentation slides or contact Ken Fetcho at ken.fetcho@oregon.gov.

Discussion

- Lots of interest in results of the questions regarding adaptation into monitoring plans
- NPCC asked similar questions in their last round of project reviews (2020). Leslie Bach is contact for more information
- Needs identified that are of interest across many PNAMP partners such as:
 - General lack of information available at the regional scale that can translate to project or reach scale. Projects need help discovering and accessing national scale information (for use in covariate analysis for example)
 - Need methods to measure/demonstrate if actions are effective in general
 - Methods to quantify baselines needed to define change over time
 - What data/metrics to use to monitor to measure project success regarding adaptation and resilience goals
 - For example, need methods to quantify carbon sequestration and emissions generated

PNAMP Project Spotlight: Stream Habitat Metrics Integration Project

One solution to achieving data integration is to facilitate the reuse of similar monitoring data from individual monitoring programs by making their data findable, accessible, interoperable, and reusable (FAIR). Monitoring programs that use structured implementation, core indicators collected with a consistent methodology, statistically valid designs, and effective data management produce high-value data. This project aims to make more data accessible and easier to use now and in the future. Visit the [project page](#) or contact Jen Bayer, jbayer@usgs.gov for more information.

Discussion

- Examples of identified use cases for the integrated data set are:
 - AREMP and PIBO programs cross various jurisdictions; integrated dataset allows analysis across administrative units
 - EPA is conducting national scale examination of riparian condition using bankfull width data from this exercise
- Primary recommendation is not necessarily to create an integrated dataset. Rather, it is to create metadata and controlled vocabularies and make them accessible in machine readable formats (with machine readable datasets) so that integrating data does not require this much work every time.

PNAMP Project Short Updates: Additional information on the project updates below, can be in the presentation slides located here: <https://www.pnamp.org/document/15224>

- Intensively Monitored Watersheds
- Emerging Technologies Information Sessions

- Remote Sensing Forum
- MonitoringResources.org

Round Robin (random order)

- CRITFC

CRITFC General

- Three positions just announced on the CRITFC website, Project Lead for our Monitoring Recovery Trends in Key Spring Chinook Habitat Variables and Validation of Population Viability Indicators and announcements for Department Managers for both the Watershed and the Fishery Science Departments they will be open until filled. <https://critfc.org/jobs/>
- A collaboration with the Clean Rivers Coalition resulted in a series of videos and a stand-alone website called "Follow the Water" that featured tribal voices sharing the importance of water, the tribal cultural connection to it, how modern society has been disconnected from water, and how everyone can forge reconnections to water. <https://followthewater.info/>
- A webpage with 2022 updates to the CRITFC Tribal Energy Vision is now available on the CRITFC website - <https://critfc.org/energy-vision/>.

Fish Management

- In June, the Dworshak National Fish Hatchery was transferred to the Nez Perce Tribe – <https://www.doi.gov/pressreleases/secretary-haaland-joins-nez-perce-tribe-army-corps-engineers-commemorate-transfer>
- New DOI guidance is out to strengthen tribal co-stewardship of public lands and waters - <https://www.doi.gov/pressreleases/interior-department-issues-guidance-strengthen-tribal-co-stewardship-public-lands-and>

Lamprey

- Two meetings coming in December 13th and 14th to the World Forestry Center related to lamprey:
 - Dec 13 - Pacific Lamprey Conservation Initiative (PLCI) Lamprey Summit V which will be a ceremonial signing of the Revised 2022 Conservation Agreement during the Summit, and policy discussions around lamprey restoration and conservation topics.
 - Dec 14 - Lamprey Information Exchange Meeting details should be out in Oct.
 - Contact Laurie Porter – porl@critfc.org
- A paper with CRITFC staff as first author "Robust Recolonization of Pacific Lamprey Following Dam Removals" was chosen as the 2021 Robert L. Kendall Best Paper in Transactions of the American Fisheries Society.
 - Award announcement - <https://fisheries.org/about/awards-recognition/call-for-award-nominations/publication-awards/robert-l-kendall-best-paper-in-transactions-of-the-american-fisheries-society/>.
- Article link - <https://critfc.org/reports/robust-recolonization-of-pacific-lamprey-following-dam-removals/>

Watershed

- Several new and continuing projects related to Climate Change <https://critfc.org/fish-and-watersheds/climate/climate-change-scientific-and-technical-resources/>.
- In the next month we will have a final report out on a GIS analyses with accompanying literature review on the location and magnitude of future land use changes on tribal lands and first foods – if interested contact David Graves – grad@critfc.org.
- CBFWL: Columbia Basin Fish and Wildlife Library now has a quarterly list of articles, contact Tami Wilkerson, twilkerson@critfc.org to get on the list serv
- BPA

- Russell Scranton and Brady Allen are helping with MR.org
- Tributary Habitat RME Strategy will be available at the end of October
- PSMFC: Contact Nancy Leonard, nleonard@psmfc.gov to see notes from the StreamNet Executive and Steering Committee Meetings
- US EPA
 - PNW Maritime Region Biological Condition Gradient Model, R Shiny app under development; EPA asked PNAMP to publish and share final products. This will also include finalization and publication of the PNAMP PNW Standard Taxonomic Effort (STE).
 - CRB Restoration Program (CRBRP): lots of grants for monitoring underway; considering extending the grant life beyond 2 years
 - Upcoming: 3 RFAs: Tribes; Funding the Funders; Toxics Reduction
 - October 20 CRBRP Working Group Meeting
 - EPA has new draft climate plan: sentinel sites, still under development
- IDFG
 - Check out the Wild Salmon and Steelhead IDFG page: <https://idfg.idaho.gov/fish/wild>
- WDFW
 - Starting the SoS report; out later this year/early 2023 [[2020 report](#)]
- USDA FS
 - New work on Fire Impacts
 - [Northwest Forest Plan—the first 25 years \(1994–2018\): status and trends of late-successional and old-growth forests](#)
- WA GSRO
 - <https://rco.wa.gov/salmon-recovery/salmon-recovery-conference/> - April 18-19, 2023
- OWEB
 - Oregon Water Data Portal: building on OR Integrated Water Data Strategy
 - Planning now, seeking funding for pilot in next biennium
 - Connect to Internet of Water and ONRI water explorer
 - Expect future engagement request: want to include readily available federal data. User session coming up, will invite PNAMP staff
- US BLM: Scott Lightcap retiring at end of September
- USGS:
 - New GBT studies looking at effects on resident fish (sturgeon)
 - CRB Federal Caucus: cold water refuges identified as a shared task
- ID OSC: View Mike Edmondson's presentation about the Columbia Basin Collaborative in the slides from September 21 ([here](#))
- ODFW:
 - Broadening eDNA work to include more species
 - Results at GenBank & ODFW, contact Jaime Anthony, jaimie.anthony@oregonstate.edu for more information
 - Climate: presented to Commission new tools on reach flow and temperature (collaboration with EPA research staff in Corvallis). Can establish past and future projections, tools will be useful to others

Distribution: PNAMP Steering Committee Signatory Representatives, Alternates, and Courtesy Members as of September 20, 2022.

Partner Entities	Acronym	Type	Name
Bonneville Power Administration	BPA	Signatory Representative	Jody Lando
California Department of Fish and Wildlife	CDFW	Signatory Representative	VACANT
Columbia River Inter-Tribal Fish Commission	CRITFC	Signatory Representative	Denise Kelsey
Colville Confederated Tribes	Colville Tribes	Signatory Representative	John Arterburn
Idaho Department of Fish and Game	IDFG	Signatory Representative	Tim Copeland
NOAA-Northwest Fisheries Science Center	NOAA-NW Fisheries SC	Signatory Representative	Chris Jordan
NOAA-Northwest Region	NOAA-NW Region	Signatory Representative	Greg Sieglitz
Northwest Indian Fisheries Commission	NWIFC	Signatory Representative	Bruce Jones
Northwest Power and Conservation Council	NPCC	Signatory Representative	Leslie Bach
Oregon Watershed Enhancement Board	OWEB	Signatory Representative	Stephanie Page
Pacific States Marine Fisheries Commission	PSMFC	Signatory Representative	Nancy Leonard
U.S. Army Corps of Engineers	USACE	Signatory Representative	VACANT
U.S. Bureau of Land Management	US BLM	Signatory Representative	Mike Brown, Scott Lightcap
U.S. Bureau of Reclamation	USBR	Signatory Representative	Jeff McLaughlin
U.S. Environmental Protection Agency Region 10	US EPA	Signatory Representative	Lisa Kusnierz
U.S. Geological Survey Northwest Region	USGS	Signatory Representative	Steve Waste
USDA Forest Service, Region 6	USDA FS	Signatory Representative	Christine Hirsch
Washington Department of Fish and Wildlife	WDFW	Signatory Representative	Dan Rawding
Washington State Department of Ecology	WA ECY	Signatory Representative	Scott Collyard
Washington Governor's Salmon Recovery Office	WA GSRO	Signatory Representative	Keith Dublanica
Bonneville Power Administration	BPA	Alternate SC	Scott Donahue

Bonneville Power Administration	BPA	Alternate SC	Russell Scranton
Idaho Department of Fish and Game	IDFG	Alternate SC	John Cassinelli
Oregon Watershed Enhancement Board	OWEB	Alternate SC	Ken Fetcho
Washington Department of Fish and Wildlife	WDFW	Alternate SC	Brodie Cox
Yakama Nation Fisheries	YNFP	Courtesy	Tom Iverson
Idaho Governor's Office of Species Conservation	ID OSC	Courtesy	Mike Edmondson
National Resource Conservation Service	NRCS	Courtesy	Timmie Mandish
Oregon Department of Environmental Quality	ODEQ	Courtesy	Aaron Borisenko
Oregon Department of Fish & Wildlife	ODFW	Courtesy	Jamie Anthony
USDA Forest Service	USDA FS	Courtesy	Kimberly Conley