



pacific northwest aquatic  
monitoring partnership

## PNAMP Fish Monitoring Work Group Meeting

February 11, 2021 NOTES

Link to [meeting materials](#) and [project webpage](#)

**Contact Core Team:** email [gs-pnamp\\_contact@usgs.gov](mailto:gs-pnamp_contact@usgs.gov) or Marika Dobos ([marika.dobos@idfg.idaho.gov](mailto:marika.dobos@idfg.idaho.gov)); Russell Scranton ([rwsranton@bpa.gov](mailto:rwsranton@bpa.gov)); Jen Bayer ([Jbayer@usgs.gov](mailto:Jbayer@usgs.gov)); Nancy Leonard ([nleonard@psmfc.org](mailto:nleonard@psmfc.org))

### Meeting Summary

Thanks to everyone for your participation in the Fish Monitoring Work Group (FMWG) meeting last week. We had a great turnout – see participant list at bottom of notes. Here are some brief summary notes ([link to the meeting presentation](#)). We will reach out soon to those who have signaled an interest to be a lead or participant in current or future task groups.

Link to [response form to indicate your interest](#) in participating or leading a task

- *Current & Future PNAMP Fish Monitoring Work Group Topics*
  - Thanks for your input prior to the meeting! We heard from 38 people, confirming interest in the proposed tasks/topics.
  - We also had a variety of new ideas put forward during this meeting, including:
    - Improved estimation of pHOS for steelhead
    - eDNA
    - PBT – parental based tagging
    - Climate Change - are you seeing changes in the habitat and animals you study, that may not be reported?
    - Creel Surveys/Harvest
- *Sharing Data with StreamNet Systems and the Need for FMWG Expertise*
  - Nancy Leonard and Mike Banach shared an overview of the Coordinated Assessments Partnership approach to data sharing and described online resources hosted by StreamNet. We also discussed how the Fish Monitoring Work Group and StreamNet will work together going on a variety of topics including improving data access/display and creating/improving data exchange standards, such as maintaining and updating the DES that will be produced by the [HCAX Project](#). We briefly touched on some of the issues with the current CAP DES that have been identified through a survey with the CAP DDT (a summary of the survey results are provided via this [link here](#)). While we didn't get into the details of this survey during this meeting, we know there are needs that were identified that we are planning to tackle; some we can do ourselves via the CAP DDT, others will require input from biologists and we'll set up ad hoc workgroups to assist with those. By the next quarterly FMWG meeting, there will be new tasks proposed. If you have suggestions send them to Mike.
  - There are three tasks proposed (...) to begin immediately that StreamNet will lead and that requires the expertise of the FMWG.
    - See Question 7 in the [Form](#) to sign up for these tasks. You will be contacted by Mike Banach or Tom Iverson soon.
  - Contact Mike Banach ([mbanach@psmfc.org](mailto:mbanach@psmfc.org)) or Nancy Leonard ([nleonard@psmfc.org](mailto:nleonard@psmfc.org)) with any questions or suggestions about these topics in general.
  - Questions about some of the tasks proposed:
    - Q: Can you clarify the intention of populations without HLIs means?
      - A: In our system only some fish populations are displayed, some have HLIs and some don't. We need clear guidance to inform which populations are displayed. I If some

don't have HLI, how do we communicate their data status? For instance, populations without HLIs may have other monitoring data available elsewhere. We don't want folks to get the impression that no work is happening just because we have a fish population shown on our query with no data/HLI associated with it. So we want guidance as to which population to display. If we decide to display populations without HLIs how do we communicate if other data are available, or no data are collected, for those populations.

- Q: How do we use the form to help communicate about the other DES categories?
  - If you're a data provider not participating in CAP – flag issues and email Mike Banach at [MBanach@psmfc.org](mailto:MBanach@psmfc.org) . We didn't get into the details of the CAP DDT survey today, but there are needs that were identified that we will look into tackling, some can be done ourselves via the CAP DDT, others will require input from biologists and we'll set up ad hoc workgroups to assist with those. By the next quarterly FMWG meeting we'll have new tasks and provide an update on the status and progress of current tasks. If you have suggestions send them to Mike.
- Q: Do we know which of the HLIs that are viewed/downloaded the most (it may not be worth our time keep reporting an HLI with low interest)?
  - We'll add to our to do list to figure out how we could track the HLIs that are viewed/downloaded the most and whether some HLIs are of no interest.
- Q: Harvest data keeps showing up in various forums. Data are lacking and rarely shared. Methodologies are often lacking in rigor and hard to apply at scales of interest to management. Should this be a topic for this group?
  - We should check on some initial work that was being done by Tim Sippel (WDFW) and Aileen Smith (PSMFC) and see if that might connect
  - Regarding harvest, there is some good downriver mainstem info looking at stock composition using genetic analysis. [Link here to report](#)
  - There are some influencers out there trying to make parentage-based tagging and genetic stock identification broader in scale for the Columbia Basin and in other locations. It's slowly getting there and the technology is quickly developing to be cheaper and quicker.

## Next Steps

Please confirm your interest in participating in the general work group (quarterly meetings) and/or specific task groups via this [response form to indicate your interest](#). We will provide a list of tasks and responses from those interested. Note, if you responded to the pre-meeting survey, we will incorporate that response. Also, you don't have to lead or be part of developing products to be part of the FMWG, you are still welcome to be part of the quarterly meetings and share your knowledge of these topics.

We will be sending one last email to the broad group with notes and the survey Form and will plan for quarterly meeting with the next on in Mid to Late Spring

We will send invitations to join Teams soon. If you would like to join the Core Team and help guide the bigger picture, please contact Jen Bayer ([jbayer@usgs.gov](mailto:jbayer@usgs.gov)).

For those who are interested in the three tasks led by StreamNet, you will be contacted by Mike Banach ([mbanach@psmfc.org](mailto:mbanach@psmfc.org)) or Tom Iverson ([t.k.iverson@comcast.net](mailto:t.k.iverson@comcast.net)).

**Participants**

Amy Puls, USGS/PNAMP  
Andrea Pearl, Colville Tribes Fish & Wildlife  
Bill Schrader, IDFG  
Brian Knoth, IDFG  
Brian Maschhoff  
Brian Miller, Colville Tribes  
Carrie Crump, CTUIR  
Dan Rawding WDFW  
Denise Kelsey, CRITFC  
Ed Hughes, Coos Watershed Association, Coos Bay OR  
Eric Stark, Idaho Fish & Game  
Erik Suring, ODFW  
Ethan Crawford, WDFW  
Gabriel Brooks, NOAA  
Gene Shippentower, CTUIR  
George Batten, Sitka Tech (Colville Tribes)  
Greg Lippert, WDFW  
Ian Jezorek, USGS  
Jake Chambers, ODFW  
Jamie Anthony, ODFW  
Jeff Robbins, WA ECY  
Jen Bayer, USGS/PNAMP  
Jeremy Romer, ODFW  
Jeremy Wilson, WDFW  
Jim Ruzycki, ODFW  
John Arterburn, Colville Tribes  
Karen Hans, ODFW  
Kasey Bliesner, ODFW  
Kevin See, Biomark ABS  
Kurt Tardy, SBT  
Lance Hebdon, IDFG  
Leslie Sikora, WDFW  
Mari Williams, PSMFC/NOAA F NWFSC  
Marika Dobos, IDFG  
Matt Schwartz, BPA  
Megan Dethloff, USGS/PNAMP  
Michael Gallinat, WDFW  
Michelle Groesbeck, WDFW  
Mike Banach, StreamNet  
Mike Urkov  
Nadine Craft, ODFW  
Nancy Leonard, PSMFC  
Nicole Tancreto, PSMFC  
Peter Cleary, Nez Perce Tribe  
Polly Gibson, ODFW

Rob Hogg, CTUIR  
Rod Wittler, Reclamation  
Russell Scranton, BPA  
Ryan Kinzer, Nez Perce Tribe  
Shubha Pandit, Yakama Nation Fisheries  
Tim Copeland, IDFG  
Tom Iverson, Contractor, StreamNet support  
Travis Olsen , CTUIR