



StreamNet



Joint Session StreamNet Executive Committee and PNAMP Steering Committee Meeting NOTES

November 6, 2024, 9:00 am – 4:30 pm

Location: Columbia River Inter-Tribal Fisheries Commission
700 NE Multnomah St, Portland, OR 97232
Conference Room 5th floor

PNAMP Distribution: see list at end of notes

Agenda

8:30	Breakfast Social – Join us PNAMP’s 20-year Celebration with coffee, donuts, and apples
9:00	Welcome and Introductions
9:15	PNAMP Project Short Updates: <ul style="list-style-type: none"> - Intensively Monitored Watersheds (IMW) - Next generation of effectiveness monitoring (remote sensing, habitat data sharing) - Toxics Monitoring Subgroup (TMS) - MonitoringResources.org
10:10	<i>Break</i>
10:30	Welcome - Joint Session of StreamNet Executive Committee and PNAMP Steering Committee
11:00	Updates on StreamNet and PNAMP Collaborations: <ul style="list-style-type: none"> - Coordinated Assessments Partnership (CAP) - Fish Monitoring Work Group (FMWG) - Salmon Data Mobilization
11:45	<i>Lunch</i>
1:00	Welcome back
1:10	Columbia River Inter-Tribal Fisheries Commission Presentation: Donella Miller and Jeremy FiveCrows, Columbia River Inter-Tribal Fisheries Commission
1:40	StreamNet and PNAMP Collaborations: <ul style="list-style-type: none"> - Emerging Technologies Information Sessions (ETIS) 2025 Webinar Series
2:00	SciFish Presentation: Julie Defillippi Simpson, Atlantic States Marine Fisheries Commission
2:30	StreamNet and PNAMP Collaborations: <ul style="list-style-type: none"> - StreamNet and MonitoringResources.org Connections
2:40	Emerging Tasks <ul style="list-style-type: none"> - Salmon Data Discovery Tool
3:45	<i>Break</i>
4:25	Wrap and Next Steps
4:30	<i>Adjourn</i>

Attendees *indicates in person, attended ¹(Day 1) and/or ²(Day 2)

Jody Lando (BPA)*^{1/2}, Russell Scranton (BPA)^{1,2}, Tami Wilkerson (CBFWL)*^{1,2}, John Arterburn (Colville Tribes)^{1,2}, George Batten (ESA/Colville)^{1,2}, Sheryn Olson (CRITFC)*^{1/2}, John Cassinelli (IDFG)², Ian Tattam (ODFW)*^{1/2}, Kasey Bliesner (ODFW) *^{1/2}, Ken Fetcho (OWEB)*^{1,2}, Chris Hirsch (USFS)¹, Brodie Cox (WDFW)^{1/2}, Steve Waste (USGS)*¹, Tim Copeland (IDFG)^{1/2}, Brady Allen (BPA^{1/2}), Todd Gilmore (USFWS)¹, David Schmetterling (MFWP)¹, Greer Maier (WA GSRO)^{1/2}, Donella Miller (CRITFC)^{1/2}, Evan Brown (IDFG)¹, Art Martin (ODFW)^{1/2}, Patty O'Toole (NPCC)^{1/2}, Katie Barnas (NOAA)^{1/2}, Jeremy FiveCrows (CRITFC)*¹, Jonathan McCloud (BPA)¹, John Netto (USFWS)^{1/2}, Tom Iverson (YNFP)¹
StreamNet Staff: Nancy Leonard*^{1/2}, Mari Williams*^{1/2}, Mike Banach*^{1/2}, Lara Erikson*^{1,2}, Greg Wilke^{1/2}, Megan Griffiths^{1/2}

PNAMP Staff: Jen Bayer*^{1/2}, Sam Cimino*^{1,2}, Amy Puls*^{1,2}, and Meg Dethloff*^{1/2}

Event page with meeting materials: [2024 Joint Session of StreamNet Executive Committee and PNAMP Steering Committee - Pacific Northwest Aquatic Monitoring Partnership](#)

Action Items

- Fill out availability form for next year's Joint Session of the PNAMP Steering Committee and StreamNet Executive Committee: <https://forms.office.com/g/eDckYJj0t>

Notes

Welcome new PNAMP Steering Committee members: Phil Sandstrom (WDFW); Ed Krynak (WA ECY)

PNAMP Project Short Updates:

Additional information on the project updates below, can be in the presentation slides located here: [LINK](#)

- Next steps for effectiveness monitoring (remote sensing, habitat data sharing)
- Intensively Monitored Watersheds (IMW)
 - Salmon Recovery Conference session
- Effectiveness Monitoring History and What's Next
 - Focus on: Which things are most useful to track?
 - If you want to participate in the planning process, reach out to Jen Bayer
- Toxics Monitoring Subgroup (TMS)
 - Data Management
- MonitoringResources.org
 - ISAB report covered a wide array of program reviews, with a mention of CAP, but indicated a lack of awareness of other programs coordinating data. Discussion around ways to expand knowledge of programs (PNAMP, MonitoringResources.org, StreamNet data systems) and access options.

Joint Session of PNAMP Steering Committee and StreamNet Executive Committee

Updates on StreamNet and PNAMP Collaborations:

- Coordinated Assessments Partnership (CAP) & HCAX
 - HCAX Project Page [Hatchery Coordinated Assessments Exchange \(HCAX\); HCAX DES files](#)
- Fish Monitoring Work Group (FMWG): [Fish Monitoring Work Group](#)
 - Carrying Capacity
 - Rotary Screw Trap
 - Dashboard in development, expect data review from biologists in early 2025; Will accept location data from outside the CRB if provided in standard format
 - PIT Tag Data

- Data Management Tools and Training for PIT Tag Data webinar series has been proposed for Feb/March 2025
 - Will be advertised in the PNAMP newsletter
- CAP Terms and Definitions Update
 - Adaptive, in response to CAP workshop feedback
- Salmon Data Mobilization
 - Links to [RDA IG site](#) and [Salmon Research and Monitoring IG Statement of Work](#)
 - Links to WA/BC mtg page [AFS-Washington British Columbia Chapter – WA-BC Chapter of the American Fisheries Society](#)
 - Other options for connection and outreach
 - WA GSRO Salmon Recovery Conference
 - Nat. Water Quality Conference in March- Share SHMI progress
 - Other data compilations to be aware of
 - Already connected with [BECI](#)
 - EcoBase
 - EcoPath with EcoSim

Partner Presentation: Columbia River Inter-Tribal Fisheries Commission Presentation - Donella Miller and Jeremy FiveCrows, CRITFC

- CBFW Library is looking for new stuff (non-text items)
- [Library digital collections website](#)
- ITMD – trying to increase awareness and coordination across four CRITFC member tribes and beyond
 - Coordinate with West Coast Ocean Alliance - [West Coast Ocean Alliance](#)
 - Supporting the tribal caucus – work to ensure a Tribal voice is in the room
- Energy Vision - <https://critfc.org/energy-vision/>
 - 17-30 million salmon pre tree harvest
 - Now at 1.2 million – progress from the 80’s and 90’s but still a long way from recovery
 - Think of river mouth run reconstruction
 - Need to also understand that size has changed significantly as well
 - [Basin Scale Events to Coastal Impacts](#)
- CMOP
 - Facilitating a meeting with CRITFC and USGS
 - There will be follow up-will send the invitation to PNAMP to distribute
 - <https://www.youtube.com/watch?v=CfTcBxyNotM>

StreamNet and PNAMP Collaborations: Emerging Technologies Information Sessions (ETIS)

- PNAMP ETIS page [Emerging Technologies Information Sessions \(ETIS\) - Pacific Northwest Aquatic Monitoring Partnership](#)
- 2025 Webinar Series Program: [2025-ETIS-Webinar-Series-Program-2024-10-31.pdf](#)

Partner Presentation: SciFish - Julie Defillippi Simpson, Atlantic States Marine Fisheries Commission ([recording](#))

- [SciFish - The Atlantic Coastal Cooperative Statistics Program](#)

StreamNet and MonitoringResources.org Connections:

- Discussions included adding keywords, finding ways to indicate First Foods, and large language models to MonitoringResources.org. GIS layers, fish distribution, and fish facilities are available via API.

Wrap and Next Steps:

- Fill out availability form for next year's Joint Session of the PNAMP Steering Committee and StreamNet Executive Committee: <https://forms.office.com/g/eDCKYJjJ0t>

StreamNet Executive Committee

November 7, 2024, 9:00 – 11:00 am

Location: Columbia River Inter-Tribal Fisheries Commission
700 NE Multnomah St, Portland, OR 97232
Conference Room 5th floor

Day 2 Notes:

Review of Action Items from 2023 Meeting

- CAP HCAX work under EPA EN Grant complete
- MAFAC DB Finalization and Update Columbia Basin Collaborative about Work
 - <https://www.streamnet.org/home/data-maps/dashboards/mafacdashboard/>
 - Please review the contents and provide any feedback to Nancy and Mari by end of year
- RST Dashboard
 - Connects to Rotary Screw Trap Fish Monitoring Work Group needs
 - Currently limited to CRB, but can extend beyond if data is submitted with little to no staff resources required to include it
- CAP Fish HLI Action Items
 - Data Download user information collection
 - CA DES Version updated
 - CA Terms and Definitions FMWG task group launched
 - Data Discovery Naming Convention Formalization
 - CAP Fish HLI Dataset Update Range
 - <https://www.streamnet.org/resources/standards/>
 - <https://www.streamnet.org/home/data-maps/data-updates/>

StreamNet Tech Team Updates

- Tech Team is holding joint meetings with SN DDT, CAP DDT, and HCAX DDT due to overlap of staff within entities
- DES Releases for CAX, HCAX, and StreamNet
- Expected data updates webpage finalized
- Progress on RST DB
- Fish Facility Dataset
 - CRB boundary is being dissolved to support HCA and other needs
 - QAQC Process – PSMFC GIS Staff coordinating with states and tribes to ensure data standards are met
- TimeSeriesID Added to NO CA DES
 - Will help automate dataset identification and can be leveraged to provide data updates information
- DataStatus Table proposed for CA DES
 - TimeSeriesID (TSID) tables have been generated in the process of adding the field to CA records

- Proposed formalizing these table into one in the DES to provide dataset information by ID rather than adding a comments type column alongside the TSID column in every row

CAP 5 Year Plan

- <https://www.streamnet.org/five-year-plan-for-coordinated-assessments-20190731-revised-nov2022/>
- <https://pnamp.org/wp-content/uploads/2024/08/CAP-5-Year-Plan.pdf>
- CAP 5-year plan is in its last year
- ExCom reviews the document and suggests any changes/edits by January for a March draft to guide BPA funding decisions
- Next Steps:
 - CAP Core team will draft the next plan
 - Will refresh the document title and format to better align with content and usage

HCAx Implementation

- Tabular data query and API access in 2025
- Support will leverage existing CA structures and committees
- Updated data sharing use agreements - <https://www.streamnet.org/resources/exchange-tools/data-agreements/>
 - Review and submit feedback by end of December

Sn ExCom Meeting 2025

- Fill out availability form for next year's Joint Session of the PNAMP Steering Committee and StreamNet Executive Committee: <https://forms.office.com/g/eDCKYJj0t>
- Group is fine with Portland as the location, especially if it can be paired with other meetings in Portland that are already scheduled

Distribution: StreamNet Executive Committee and PNAMP Steering Committee Distribution List as of November 5, 2024.

Name	Org	Participation
Brodie Cox	WDFW	StreamNet Steering Committee; PNAMP Steering Committee
Nancy Leonard	PSMFC	StreamNet Steering Committee; PNAMP Steering Committee
Russell Scranton	BPA	StreamNet Steering Committee; PNAMP Steering Committee
Tami Wilkerson	CRITFC CFW Library	StreamNet Steering Committee; PNAMP Steering Committee
Mari Williams	PSMFC	StreamNet Steering Committee, PNAMP Steering Committee
Jen Bayer	PNAMP/USGS	StreamNet Steering Committee, PNAMP Steering Committee
Sheryn Olson	CRITFC	StreamNet Steering Committee
Angie Schmidt	IDFG	StreamNet Steering Committee
Brady Allen	BPA	StreamNet Steering Committee
Dawn Anderson	MFWP	StreamNet Steering Committee
Evan Brown	IDFG	StreamNet Steering Committee
George Batten	ESA, assisting Colville Tribes	StreamNet Steering Committee
Kris Homel	NPCC	StreamNet Steering Committee
Todd Gilmore	USFWS	StreamNet Steering Committee
Greg Sieglitz	NOAA	StreamNet Executive Committee; PNAMP Steering Committee
Jody Lando	BPA	StreamNet Executive Committee; PNAMP Steering Committee
John Arterburn	Colville Tribes	StreamNet Executive Committee; PNAMP Steering Committee
John Cassinelli	IDFG	StreamNet Executive Committee; PNAMP Steering Committee
Phil Sandstrom	WDFW	StreamNet Executive Committee; PNAMP Steering Committee
Ian Tattam	ODFW	StreamNet Executive Committee
Art Martin	ODFW	StreamNet Executive Committee
Barry Thom	PSMFC	StreamNet Executive Committee
David Schmetterling	MFWP	StreamNet Executive Committee
Donella Miller	CRITFC	StreamNet Executive Committee
John Netto	USFWS	StreamNet Executive Committee
Patty O'Toole	NPCC	StreamNet Executive Committee
Stan Allen	PSMFC	StreamNet Executive Committee
Katie Barnas	NOAA	StreamNet Executive Committee
Bruce Jones	NWIFC	PNAMP Steering Committee
Chris Hirsch	USFS	PNAMP Steering Committee
Chris Jordan	NOAA	PNAMP Steering Committee
Courtney Shaff	OWEB	PNAMP Steering Committee
Denise Kelsey	CRITFC	PNAMP Steering Committee
Ed Krynak	WA ECY	PNAMP Steering Committee
Greer Maier	WA GSRO	PNAMP Steering Committee
Jamie Anthony	ODFW	PNAMP Steering Committee
Jeff McLaughlin	USBR	PNAMP Steering Committee
Jonathan McCloud	BPA	PNAMP Steering Committee
Ken Fetcho	OWEB	PNAMP Steering Committee
Lisa Kusnierz	US EPA	PNAMP Steering Committee
Mike Brown	US BLM	PNAMP Steering Committee
Mike Edmondson	ID OSC	PNAMP Steering Committee
Scott Collyard	WA ECY	PNAMP Steering Committee
Steve Waste	USGS	PNAMP Steering Committee
Tim Copeland	IDFG	PNAMP Steering Committee
Timmie Mandish	NRCS	PNAMP Steering Committee

Tom Iverson	YNFP	PNAMP Steering Committee
Lara Erikson	PSMFC	Observer or Staff
Ace Riverman	MFWP	Observer or Staff
Amy Puls	PNAMP/USGS	Observer or Staff
Danny Warren	WDFW	Observer or Staff
Greg Wilke	PSMFC	Observer or Staff
Jake Chambers	ODFW	Observer or Staff
Kasey Bliesner	ODFW	Observer or Staff
Kimberly Conley	USFS	Observer or Staff
Kurt Tardy	SBT	Observer or Staff
Leslie Sikora	WDFW	Observer or Staff
Maureen Purcell	USGS	Observer or Staff
Meg Dethloff	PNAMP/USGS	Observer or Staff
Megan Griffiths	PSMFC	Observer or Staff
Mike Banach	PSMFC	Observer or Staff
Kate Al-Sheikhly	PSMFC	Observer or Staff
Monica Diaz	PSMFC	Observer or Staff
Rebecca Croy	SBT	Observer or Staff
Sam Cimino	PNAMP/USGS	Observer or Staff