

WORKSHOP AGENDA

2006 Pacific Northwest Environmental Data Management Workshop

Tuesday and Wednesday May 23-24, 2006
Billy Frank, Jr. Conference Center
2nd floor - Jean Vollum Natural Capital Center
721 NW 9th Avenue, Portland, Oregon 97209

<http://www.ecotrust.org/conference>

Workshop Purpose

Data collectors, data managers, scientists, resource managers, program managers and executives have interests in improving quality and access to data. Making these improvements requires commitments on many fronts from executives to field staff. At the 2005 Workshop, participants shared ideas about needed activities and next steps. These were explored after the workshop and developed as “White Papers” that can be viewed at <http://www.nwcouncil.org/ned>. Regional executives responded positively to the recommendations in the white papers and asked for more details about needed actions.

This has led to an opportunity for participants in the 2006 workshop to discuss specific activities to further the initial recommendations, with a particular focus on monitoring. Monitoring activities, for example, for the recovery of endangered species, implementation of Columbia Basin Fish and Wildlife Program and improvement of Puget Sound ecosystem provide a backbone of data for significant resource management activities in the Region and represent areas where coordination offers significant benefits.

Hosts

The Northwest Environmental Data Network (NED) is partnering with the Pacific Northwest Regional Geographic Information Council (PNW-RGIC), the Pacific Northwest Water Quality Data Exchange (PNWWQDX), the Pacific North West Aquatic Monitoring Partnership (PNAMP), the Northwest Habitat Institute (NWHI), StreamNet, and others to host this workshop.

Objectives

- Discuss actions to improve regional data management for all disciplines;
- Share information about tools and methodologies to support decision making and data integration;
- Identify critical or unique coordination needs for monitoring data; and;
- Explore the use of partnership incentives and agreements for improved data sharing.

Please RSVP if you will be attending by sending an e-mail to: Kendra Coles at kcoles@nwcouncil.org.

If you have questions please call 206-860-3495 or send an e-mail to Stewart.Toshach@noaa.gov

TUESDAY, MAY 23

9:45 AM **Coffee and Registration**

10:00 – 10:20 AM **Welcome and Introductions (Peter Paquet, Nancy Tosta)**

John Stein, Deputy Science Director, NWFSC, NOAA Fisheries

Tom Karier, Chairman, Northwest Power and Conservation Council

10:20 – 10:30 AM **Progress Since Last Year’s Workshop (Stewart Toshach)**

10:30 – 11:30 PM **Keynotes**

- “Why Do This?” - **Phil Roger**, Manager, Fish Science Division, CRITFC (10 minutes)
- “What Needs to Be Done?” – **Joe Scordino**, Deputy Regional Administrator, NOAA Fisheries (15)
- “How Can it Be Tackled?” – **Louis Sweeny**, Ross & Associates (35)

11:30 – 12:30 PM **Lunch** (on your own)

12:30 – 2:30 PM **Panel Discussion: Envisioning “The System”**

The panelists and moderator will explore the vision of a NW Data System. They will describe their perceptions of how the system might work, the critical elements that will be required, and the role that they might play. The moderator will explore with the panelists the steps and challenges in making their vision(s) a reality. Audience participation is encouraged.

- Mitch West
- Tom Karier
- Dan Haug
- Peter Friesen
- Bruce Schmidt
- Greg Delwiche
- Rich Kang
- Cy Smith
- John Stein

2:30 – 2:45 PM Break

2:45 – 4:15 PM Breakout Discussions

Group One - Data Content: Monitoring Metadata creation, data quality, data sharing agreements, data stewardship. Are there unique requirements for monitoring data? What standards are needed? How are they best identified and used?

Group Two – Technical Architecture: Clearing houses, distributed systems, open standards, metadata sharing tools. What is needed to promote the collection, management, access to, and use of monitoring data?

Group Three - Institutional arrangements: Governance, financing, business needs, communications and marketing. Who is in charge of monitoring data? How are distributed data collection efforts best managed?

Key questions raised during the morning discussions will be identified and the groups will identify **specific steps and actions** needed to move forward.

4:15 – 5:00 PM Breakout Group Summary Recommendations All

WEDNESDAY, MAY 24

8:00 – 9:30 AM Technology Fair, Posters, Coffee & Muffins
[Set up at 7:30 AM]

Invited participants

NOAAF Upper Columbia Data Management System (Jeff Cowen)
Regional Protocol Manager (Mike Beaty)
Managing Funding Applications and Regional
Calendars/Events/People and Happenings) (Amy Langston)
NED Data Portal (Eric Lowrance)
BC Integrated Land Management Bureau (Peter Friesen)
Umatilla Tribe (Dan Haug)
State of the Salmon (Greg Robillard)
StreamNet (Van Hare)
PCSRF Data Integration (Rich Kang)

PISCES Project Data Mgt (Matt Deniston)
 State of Washington IMW's (Bruce Crawford)
 Vegetation Monitoring Application for Wetlands (USFWS& NWHI)
 PNWWQDE (Curtis Cude)
 State of Oregon Portals (Jimmy Kagan)
 Water Quality Analysis Portal (Leska Fore)
 Klickitat River Data Base Design and Development (Mike Babcock)
 Yakima-Klickitat Fisheries Project (Bill Bosch)

Note If there are others you would like to hear from or would like to suggest as participants, please let Stewart know. We can fit in a few more.

- 9:30 – 9:45 AM** **Recap of Day 1. What's on for today? Nancy Tosta**
- 9:45 – 11:00 AM** **Panel Discussion – Institution Building/Recommendations**
- This panel discussion will bring together managers to discuss ideas generated in the breakout groups on policies and institutions needed to implement the NW Data System to support monitoring data. Ideas will include establishing governance mechanisms, data sharing agreements, supporting QA/QC, other data content issues, and needed leadership.
- 11:00 – 11:45 AM** **Open Discussion on Needed Institutional Activities** **All**
- 11:45 – 12:45 PM** **Lunch** (on your own)
- 12:45 – 2:00 PM** **Panel Discussion – Technology Architecture Approaches and Recommendations**
- This panel discussion will bring together managers to discuss ideas generated in the breakout groups on technology components and architecture for the NW Data System to support monitoring data. Ideas are likely to address network requirements, data management and storage, and analytical tools.
- 2:00 – 2: 45 PM** **Open Discussion on Needed Technical Activities** **All**
- 2:45 – 3:15 PM** **Next Steps for Regional Data Management and Needed Products**
- 3:15 PM** **Adjourn**