



Navigating the Course to Puget Sound Salmon Recovery

An Interactive Workshop on Adaptive Management

February 28 and March 1, 2005

Washington State Convention Center,
Downtown Seattle, WA.



Why A Workshop on Adaptive Management?

The mariners of times past skillfully sailed great distances using a compass to navigate unforeseen seas and unpredictable circumstances.

Today, as we organize across Puget Sound to recover salmon runs, we need a tool that can function much like a compass. We need a tool that can help us navigate a course through a complex process of improving Puget Sound ecosystems, to a future that includes healthy, sustainable and harvestable salmon populations.

Adaptive management is such a tool. Adaptive management can help collaborative groups across Puget Sound evaluate and measure the outcomes of their actions and learn from those outcomes, so that future management actions can be improved.

By integrating adaptive management into our efforts to implement watershed and Puget Sound salmon plans, we will equip ourselves to make better, more cost-effective use of our limited resources over time to improve and restore salmon habitat. We will also be able to summarize our progress for funders, who will surely want to know how we are doing.

On **Feb. 28th and March 1st**, The City of Seattle and Washington Trout are hosting a workshop on adaptive management for people involved in developing watershed and Puget Sound salmon recovery plans and other initiatives focused on salmon recovery. Please join us for this unique opportunity to make progress on strengthening our salmon recovery efforts.

What Will Participants Get From This Workshop?

During the two days, participants will learn and begin directly applying a four-step process for creating an adaptive management plan. By the last session, participants will have a set of tools and products that they can use to build the fundamental elements of adaptive management into their watershed salmon plans, or troubleshoot adaptive management plans that are already under development or being implemented.

Dr. Steven Yaffee, the workshop facilitator, along with his associate, Dr. Sheila Schueller, have trained collaborative groups across the country in this practical and effective four-step process. Dr. Yaffee is a nationally known expert in evaluation and adaptive management, the Director of the Ecosystem Management Initiative at the University of Michigan and author of the Island Press book *Making Collaboration Work. Lessons from Innovation in Natural Resource Management*.

By the end of this workshop, participants will have sketched out some of the core elements of an adaptive management plan. These core elements can be further refined after the workshop to produce an adaptive management plan for inclusion in watershed salmon recovery plans. They include:

- **a situation map** that relates watershed strategies to objectives and goals and to the threats and assets that could affect progress toward salmon recovery;
- **an initial assessment framework**, including specific indicators (ecological, social and process) that can be used to evaluate progress towards salmon recovery at the watershed level; and
- **a set of preliminary strategies** for managing the logistics of measuring progress (including data gathering) and tying new information back to decision making

Other highlights of the workshop include:

- Dr. Mary Ruckelshaus and other scientists on the Puget Sound Technical Recovery Team will provide guidance on the elements of adaptive management that NOAA Fisheries and other members of the Shared Salmon Strategy would like to see in the watershed and Puget Sound plans.
- Participants will have an opportunity to compare issues and challenges across watersheds, and to discuss what kind of capacity and assistance watershed groups need to effectively accomplish adaptive management.
- Dave Marmorek, President of ESSA Technologies Inc. and an adaptive management expert who has advised agencies involved in Columbia River basin salmon recovery and Canadian forest management, will talk about how to manage an adaptive management process at both a watershed and a regional (multi-watershed) scale.
- Participants will have an opportunity to talk with Jim Kramer, Director of Shared Strategy, and representatives of federal and state agencies about how adaptive management can be rolled up to the Puget Sound scale.

Who Should Attend?

This workshop is for people engaged in developing salmon recovery plans, including watershed staff; scientists; federal, state, and local agency managers; tribal representatives, non-profit representatives and other stakeholders. The program will be useful for people with a range of familiarity with adaptive management principles and their application to salmon recovery. We encourage the watershed planning teams to send several members, since draft products generated at the workshop will be most useful if they are created by multiple members of the planning teams.

In addition, those involved in other initiatives designed to increase the health and viability of Puget Sound salmon runs are welcome to attend.

Space is limited, so please let us know as soon as possible if you plan to attend. Call Margee Duncan at Shared Strategy, 206-447-1656, to sign up. We anticipate that there will be a high level of interest in this workshop, so please don't delay in signing up.

MONDAY, FEBRUARY 28

9:00-9:30 **Welcome and Opening Remarks**

The Role of Adaptive Management in Puget Sound Salmon Recovery
Kenneth Berg, Regional Administrator, U.S. Fish and Wildlife Service
NOAA Fisheries representative (TBA),
Jim Erckmann, Watershed Ecosystems Manager, Seattle Public Utilities
Steven Yaffee, Director, Ecosystem Management Initiative at the University
of Michigan and workshop facilitator

9:30-10:15 **Benefits and Challenges of Adaptive Management for Puget Sound**

Small group and plenary discussion

10:15-10:30 **Break**

10:35-11:25 **Essential Elements of Adaptive Management Plans for Puget Sound Salmon Recovery**

Guidance from the Puget Sound Technical Recovery Team
Mary Ruckelshaus, Chair, Puget Sound Technical Recovery Team,
NOAA Fisheries

The Legal Context: How Have Recovery Plans Been Evaluated by the Courts?
Dan Chasan, Independent Journalist

11:15-12:10 **A Four-Step Process for Developing An Adaptive Management Framework for Watershed Salmon Plans**

Steven Yaffee, Director and Sheila Scheuller, Senior Associate, Ecosystem Management Initiative

12:10-1:00 **Lunch on Site**

1:00-5:00 **Applying the Four-Step Process**

Step One: Developing a Situation Map

Small Groups Meet by Watershed
Large Group Meets to Debrief and Compare Results Across Watershed

Break

Step Two: Developing an Assessment Framework (with metrics)

Small Groups Meet by Watershed
Plenary Debrief and Discussion
Comments by Technical Recovery Team Member(s)

TUESDAY, MARCH 1st

8:00-11:00 **Applying the Four-Step Process for Developing An Adaptive Management Framework for Watershed Salmon Plans**

Steve Yaffee and Sheila Schueller

Developing an Assessment Framework (with metrics)

Continue Debrief and Cross-Watershed Comparison

Setting Priorities and Triggers to Connect Information to Decision Making

Small Groups Meet by Watershed

Large Group Meets to Debrief and Compare Results Across Watershed

Comments by Technical Recovery Team Members

Break

Implementing the Plan: Developing Strategies for Acquiring and Managing Data and Findings

Interactive Presentation and Discussion

11:00-12:00 **Building Capacity at the Watershed Level: What's Needed**

Small Groups (Cross-Watershed)

Plenary Debrief and Discussion

12:00-1:00 **Lunch on your own**

1:00 - 3:45 **Scaling Adaptive Management up to Puget Sound Level**

ESU Recovery Criteria and Metrics

Donna Duncan, Assistant Regional Administer

Experience from Other Regional Efforts

Dave Marmorek, President, ESSA Technologies Ltd.

Break

Small Groups (Cross-Watershed)

Plenary Debrief and Discussion

3:45- 4:15 **Synthesis and Wrap-Up**

Remarks by Selected Participants and Jim Kramer,
Director of Shared Strategy

Workshop Logistics

Fees and Registration

Seattle Public Utilities and Washington Trout are co-sponsoring this workshop. Participants may attend free of charge. Many thanks to Shared Strategy for a generous donation to cover meal costs.

Accommodations

We are in the process of identifying a hotel where we can block a set of rooms for workshop participants who are travelling to the workshop and wish to spend the night of February 27th and/or 28th at a hotel in Seattle. For information on accommodations go to www.washingtontrout.org.

Directions to the Workshop

The two-day workshop will take place at the Washington State Trade and Convention Center in Room 3A/3B.

800 Convention Place
Seattle, WA 98101-2350
Phone: (206) 694-5000
FAX (206) 694-5399
Email: info@wsctc.com

Directions are below

Directions From I-5 Southbound

- Stewart Street exit (exit #166)
- Left on Boren Avenue
- Right on Seneca Street
- Right on 8th Avenue
- Right into garage

Directions From I-5 Northbound

- Madison Street/I-90 exit (exit 164A)
- Follow signs to Madison Street/Convention Place
- Right on Madison Street
- Left on 8th Avenue
- Right into garage

Directions From I-90 Westbound

- I-5 Northbound
- Madison Street
- Follow signs to Madison Street/Convention Place

- Right on Madison Street
- Left on 8th Avenue
- Right into garage

Main Parking

The Convention Center operates a large, two-level parking garage within the facility. The main entrance to the garage is on 8th Avenue between Seneca and Pike Streets. Parking is paid at the time of exit. The Convention Center also operates the Freeway Parking Garage with 665 parking spaces. (See map on following page)

Passenger Load/Unload

Passengers may be dropped off at the covered Convention Place entrance off Pike Street and 9th Avenue. Buses, taxi cabs and shuttles also use this area for passenger drop-off and pick-up. Pedestrians can enter from Pike or Union Streets. (See map on following page.)

For additional maps, please visit <http://www.wsctc.com/directions.html>

