

NWFSC Watershed Program Open House

NOAA Western Regional Center

7600 Sand Point Way NE

Seattle, WA

March 18, 2015

<http://www.nwfsc.noaa.gov/research/divisions/fe/wpg/index.cfm>

9:00-9:10

Welcome – John Stein, Science and Research Director, Northwest Fisheries Science Center

9:10-9:20

Overview of Watershed Program research – Phil Roni, Program Manager, Northwest Fisheries Science Center

**Session 1 – Life-cycle Modelling and Research**

9:20-9:40

Physical, biological, and temporal influences on Chinook salmon embryo and egg-to-fry survival – Phil Roni

9:40-10:00

Prioritizing habitat restoration for juvenile Chinook salmon in four Puget Sound estuaries – Correigh Greene

10:00-10:20

Approaches to defining reference conditions for river restoration planning – Tim Beechie

10:20-10:40

Defining fish habitat from a geomorphic perspective – Michael Beakes

BREAK 10:40-11:00

11:00-11:20

Incorporating life-history diversity into estimates of Skagit River Chinook salmon production – Corey Phillis

11:20-11:40

Assessing size selective mortality during initial life stages for Puget Sound Chinook salmon: implications for early marine survival – Joshua Chamberlin

## **Session 2 – Monitoring and Management Tools**

11:40-12:00

An update on the Puget Sound Habitat Status and Trend Monitoring project – George Pess

12:00-12:20

Strait of Juan de Fuca Intensively Monitored Watershed: results from first 10 years and future direction – Todd Bennett

12:20-12:40

Using a life cycle modeling approach for coho salmon (*Oncorhynchus kisutch*) to better understand recolonization in two tributaries to the Elwha River during dam removal – Martin Liermann

LUNCH 12:40-2:00

2:00-2:20

River recovery post dam removal: What's been happening on the Elwha? – Sarah Morley

2:20-2:40

Life history diversity of steelhead (*Oncorhynchus mykiss*) in two coastal Washington watersheds – Jason Hall

2:40-3:00

Restoration monitoring in the Snohomish River estuary, Puget Sound—project and landscape contexts – Casey Rice

BREAK 3:00-3:20

3:20-3:40

Programmatic approach to evaluating habitat improvement in the Columbia Basin – Phil Roni

3:40-4:00

Dam them all! A beaver's guide to restoring streams – Michael Pollock

4:00-4:20

Using stable isotopes to quantify ecosystem effects of adult Pacific salmon on river food webs and applications to restoration and conservation – Peter Kiffney

4:20-4:30

Closing Comments – Phil Roni

## **Posters**

(Displayed in the room across the foyer from the auditorium. Authors available during lunch)

California Current Integrated Ecosystem Assessment of habitat indicators – Alison Collins (NOAA contractor, Oceans Associates)

Accuracy assessment of aerial photography sampling in the Puget Sound Habitat Status and Trend Monitoring project – Oleksandr Stefankiv (NOAA contractor, Oceans Associates)

Enterprise data management to facilitate scientific research – Brendan Sylvander (Scientific Data Management Program, OMI Division, NWFSC)

Land classification of Puget Sound and riparian assessments – Britta Timpane-Padgham (NOAA contractor, Oceans Associates)