

SEI SCIENCE PANEL MEETING #3

FISH AND ESTUARINE ECOLOGY AND ANALYSIS METHODS

May 15-16, 2001
Washington State University/Vancouver
Lecture Hall

AGENDA

DAY 1

- 9:00 - 9:15 Welcome and Introduction (by Steven Courtney, SEI)**
Ground rules for discussion, goals and objectives for today's presentations and discussions, anticipated outcomes and integration into future workshops.
- 9:15 - 9:45 Cumulative Risk Initiative - A Tool that Identifies Estuarine Importance to Salmonids. Presenter: Michelle McClure (NMFS)**
Introduction to a regional approach for evaluating risks at each anadromous salmonid life stage
- 9:45 -11:30 Overview of Listed Salmonids and the Estuarine Ecosystem. Presenter: Don Weitkamp (Parametrix)**
Habitat requirements of listed species, food web relationships, ecosystem roles and effects- emphasis on juvenile forms, with discussion of lower river system
- B r e a k s a s n e e d e d d u r i n g m o r n i n g d i s c u s s i o n**
- 11:30-12:30 L U N C H**
- 12:30 - 1:30 Watershed ecology and the latest on fish use in the estuary. Presenter: Charles Simenstad (University of Washington)**
- 1:30 - 2:15 Conceptual Model for the Columbia river Estuary. Presenter: Walter Pearson (Battelle Marine Sciences Laboratory)**
Brief discussion of how the model will be used to describe ecosystem function and interactions, and potential use to assess effects of the project on fish (including habitat and food web interactions)
- 2:15 - 2:30 B R E A K**

2:30 - 3:15 Proper Functioning Condition: An Assessment Tool for Ecosystem Function. Presenter: Cathy Tortorici (NMFS)
Review of NMFS' efforts to define how estuary and riverine systems should properly function, and integration with Estuary/River Conceptual Model

3:15 - 5:00 Panel Discussion: Review and Comment on Assessment Techniques, Evaluation Methods

DAY 2

7:30 - 8:30 Closed Breakfast Session (SEI Staff/Science Panel)

8:30 - 8:45 Welcome and Introduction by Steven Courtney (SEI)
Recap of Day 1, referral to posters in view of yesterday's discussions, general observations of/follow-up to Day 1's final panel discussion, goals and objectives for today's presentations and discussions.

8:45 - 9:45 Update on Efforts to Complete the Modeling Inputs/Outputs Matrix by Kim Larson (US Army Corps of Engineers) and Doug Young (USFWS)

9:45 -10:00 B R E A K

10:00 -10:30 Update on Physical Modeling: Methods, Outputs, Timeframes by Robert McAdory (US Army Corps of Engineers), Antonio Baptista (Oregon Graduate Institute)
Discussion of cooperative efforts to integrate physical modeling efforts to allow better analysis of shallow water habitats and lower river, specific tasks, anticipated outputs, and timeframes.

10:30 -11:30 Facilitated Discussion between the Science Panel and NMFS/FWS/Corps/Ports/Other agencies on how to assess estuarine structure and functions, and their interactions with listed fish species

11:30 -12:30 L U N C H

12:30 - 1:00 SEI meeting with Panelists

1:00 - 4:00 Facilitated Discussion between the Science Panel and NMFS/FWS/Corps/Ports/Other agencies on how to assess estuarine structure and functions, and their interactions with listed fish species

**B r e a k s a s n e e d e d d u r i n g a f t e r n o o n
d i s c u s s i o n**

4:00 - 5:00 Workshop Summary by Steven Courtney
Summarization of Workshop #3 key points and panel input, evaluation of how results of the workshop will link to future workshops. Assessment of progress to date.