Agenda: Peer Review Workshop on Application of
Intrinsic Potential Modeling to 4 Coastal Rivers

October 31, 21012
University of Washington, Olympic Natural Resources Center, Forks WA

8:30 am   **Welcome & Introductions, Goals, and Methods of Workshop**

*Dr. David Ford, Director, ONRC; Miranda Wecker, ONRC Facilitator; and
Devona Ensmenger, Wild Salmon Center*

9:00 am   **IP Modeling Overview and Application to the Outer Coast**

- *At what geographic scales are region wide IP model analyses producing useful results?*
- *Is Level 6 (sub watershed, HUC12) scale the optimum scale?*

9:45 am   **Break**

10:00 am   **Peer Review: IP Model Results for Chinook in 4 Coastal Rivers**

Key Questions

- *Are separate regional models are needed for Chinook?*
- *What ranges define high, medium, and low IP for Chinook?*
- *Is default HS Curve set suitable for Chinook? If not, what modifications need to be made to the curves?*
- *What cutoffs would help define the fish bearing network?*
- *What additional intrinsic and extrinsic parameters would significantly improve the model?*
- *What would the HS curves for these additional parameters look like?*

11:30 am   **Check in on Peer Review Approach**

12 pm   **Lunch**

1 pm   **Peer Review: IP Model Results for Coho**

Key Questions

- *Are separate regional models are needed for Coho?*
- *What ranges define high, medium, and low IP for Coho?*
- *Is default HS Curve set suitable for Coho? If not, what modifications need to be made to the curves?*
- *What cutoffs would help define the fish bearing network?*
- *What additional intrinsic and extrinsic parameters would significantly improve the model?*
- *What would the HS curves for these additional parameters look like?*

2 pm   **Peer Review: IP Model Results for Steelhead**

Key Questions

- *Are separate regional models are needed for Steelhead?*
- *What ranges define high, medium, and low IP for Steelhead?*
- *Is default HS Curve set suitable for Steelhead? If not, what modifications need to be made to the curves?*
- *What cutoffs would help define the fish bearing network?*
- *What additional intrinsic and extrinsic parameters would significantly improve the model?*
- *What would the HS curves for these additional parameters look like?*

3 pm   **Break**

3:15 pm   **Peer Review: IP Model Results for Chum**

Key Questions

- *Are separate regional models are needed for Chum?*
- *What ranges define high, medium, and low IP for Chum?*
- *The default curves do not represent Chum habit well on the OWC, therefore what modifications need to be made to the curves to improve it?*
- *What cutoffs would help define the fish bearing network?*
- *What additional intrinsic and extrinsic parameters would significantly improve the model?*
- *What would the HS curves for these additional parameters look like?*

4:00 pm   **Wrapup and Adjourn**

Homework Assignment: Developing an IP Model for Sockeye

- *What aspect of Sockeye habit is appropriate for IP modeling? Should the focus be on spawning? Rearing? Both?*
- *What intrinsic parameters are most relevant for constructing a Sockeye model?*
- *If there are parameters that do not lend themselves well to reach based modeling, what might be the best workaround(s)?*
- *What would the HS curves look like?*
- *What cutoffs would help define the fish bearing network?*