# Anadromous Run Forecasting Workshop

**November 6-7th, Portland Doubletree**
**Hood / Helens Room**

| Monday, November 5 | |
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| | Room block available for out-of-area attendees |
| **Tuesday, November 6** | |
| 8:00 am to 9:00 am | Breakfast (Muffins, Bagels, Fruit) |
| 9:00 am to 9:10 am | Welcome, Introduction<br>*Jeff Yanke and Jens Lovtang, Oregon Chapter AFS* |
| 9:10 am to 9:30 am | The Technical Advisory Committee (TAC): Charges and Challenges for predicting Columbia River salmon runs<br>*Alan Byrne and Robin Ehlke* |
| 9:30 am to 9:50 am | UW run forecasts: review of 10 years of forecasts and future directions<br>*Nick Beer, UW* |
| 9:50 to 10:20 am | Using PIT-tags to improve forecasting and understanding of age at maturity<br>*Steve Haeseker, USFWS* |
| 10:20 am to 10:30 am | *Break* |
| 10:30 am to 10:50 am | Use of PIT-tag data to assist in the management of fisheries in the Columbia River.<br>*Alan Byrne and Carl Stiefel, IDFG* |
| 10:50 am to 11:10 am | Forecasting Wenatchee and Okanogan sockeye salmon returns to the Columbia Basin<br>*Jeff Fryer, CRITFC* |
| 11:10 am to 11:30 am | Hit the Road Jack - Non-cohort based run forecast models developed for the Hood River<br>*Ryan Gerstenberger, CTWS* |
| 11:30 am to Noon | *Group Discussion - Forecasting Tools and Needs* |
| Noon to 1:30 pm | *Lunch* |
| 1:30 pm to 1:50 pm | Snake River Basin Coordination<br>*Sam Sharr, IDFG and Jason Vogel, NPT* |
| 1:50 pm to 2:10 pm | The Fish Passage Center: Availability and Accessibility of Anadromous Salmonid Data for the Columbia River Basin<br>*Brandon Chockley, FPC* |
| 2:10 pm to 2:30 pm | Informing stake holders on the pre-season and in-season abundance estimates of salmon returns: lessons from Chignik Lakes and Bristol Bay, Alaska.<br>*Brandon Chasko, NPT* |

| Tuesday, November 6 (continued) | |
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| 2:30 pm to 3:00 pm | *Group Discussion - Information sharing needs and strategies* |
| 3:00 pm to 3:15 pm | *Break* |
| 3:15 pm to 3:35 pm | Pre-Season and In-Season Forecasting Techniques for a wild river: Oregon's John Day<br>*Ian Tattam, ODFW* |
| 3:35 pm to 3:55 pm | Predicting Spring Chinook Returns to Northeastern Oregon<br>*Peter Cleary, NPT* |
| 3:55 pm to 4:00 pm | Wrap-up |
| 5:30 pm | Election Night Social - Sisters/Bachelor Room<br>*Appetizers served (lots!) – bring your appetite*<br>*Beer and wine served, no-host bar* |
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| **Wednesday, November 7** | |
| 8:00 am to 9:00 am | Breakfast (Eggs, Potatoes, Bacon) |
| 9:00 am to 9:10 am | Welcome, Housekeeping<br>*Jens Lovtang, CTWSR* |
| 9:10 am to 9:25 am | Northwest Power Conservation Council Coordination, Columbia River / Oceanic Science<br>*Patty O'Toole, NPCC* |
| 9:25 am to 9:55 am | Ecosystem Indicator Management: Maximizing the use of existing information<br>*Brian Burke, NOAA Fisheries* |
| 9:55 am to 10:15 am | Status and Trends Analytical Tools for Salmon (or STATS)<br>*Marc Trudel, Canada DFO* |
| 10:15 am to 10:35 am | UW forecasting studies: run timing, ocean homing distributions, smolt-length effect, first year survival, smolt-jack relationship<br>*James Anderson, UW* |
| 10:35 am to 10:50 am | *Break* |
| 10:50 am to 11:10 am | Forecasting short-term risks of decline in salmon populations: an age-structured Bayesian approach<br>*Eric Buhle, NOAA Fisheries* |
| 11:10 am to 11:30 am | Artificial Neural Networks: finding complex environmental signals or just fitting noise?<br>*Matt Falcy, ODFW* |
| 11:30 am to Noon | *Group Discussion - Moving beyond the age class conversions* |
| Noon | Adjourn – Safe Travels! |