

# Yakima Basin Aquatic Science and Management Conference 2007

Sponsored By:

*Central Washington University, Yakima/Klickitat Fisheries Project, Bonneville Power Administration and  
Bureau of Reclamation*

**June 13 and 14, 2007**

**Central Washington University, Science Building, Room 147 & 101**

## Wednesday June 13

<b>8:30 Joint Session: Yakima River Basin Overview, Room 147</b>		
<b>8:30 Registration – All Day</b>		
8:45 Welcome to the Yakima Basin Conference		
9:00	David Montgomery	<b>King of Fish: The Thousand Year Run of Salmon</b>
10:00	David Fast	<b>Overview of Yakima Basin Activities</b>
<b>10:45 Break</b>		
11:00	Alex Conley and Panel of Yakima Basin Fish and Wildlife Recovery Board Members	Presentation of the Yakima Subbasin Plan and Salmon Recovery Planning
<b>12:00 Lunch</b>		
<b>Concurrent Session</b>		
<b>Spring Chinook Salmon, Room 147</b>		<b>Watershed Management, Room 101</b>
<b>Time</b>	<b>Presenter</b>	<b>Topic</b>
1:00	Craig Busack	<b>The PNI concept and implications for supplementation monitoring</b>
1:20	Todd Kassler	<b>Genetic Stock Identification of Chinook Smolts Collected at the Chandler Trap</b>
1:40	Ken Warheit	<b>Power analysis of smolt identification at Chandler</b>
2:00	Curt Knudsen	<b>Comparison of Upper Yakima Hatchery and Wild-Origin Spring Chinook Demographics</b>
<b>Time</b>	<b>Presenter</b>	<b>Topic</b>
2:20	Anthony Fritts	<b>Effects of Domestication on Predation Mortality</b>
<b>Time</b>	<b>Presenter</b>	<b>Topic</b>
1:00	Scott Nicolai	Overview of Watershed Session
1:05	Pat Nowak, Terra Design	<b>Residential Development and the Riparian Area</b>
1:35	Darryl Piercy	Land Use Planning in Kittitas County
2:00	Jill Arango	<b>Cascade Land Conservancy</b>
2:20	David Gerth	<b>Kittitas Conservation Trust</b>

2:40	Todd Pearsons	<b>Effect of Domestication on Competitive Dominance</b>	2:40	Betsy Bloomfield	<b>The Nature Conservancy</b>
<b>3:00</b>	<b>Break</b>		<b>3:00</b>	<b>Break</b>	
3:20	Steve Schroder	<b>Breeding success of wild and first generation hatchery female spring Chinook salmon spawning in an artificial stream</b>	3:20	Richard Visser	<b>How to do Watershed Restoration</b>
3:40	Curt Knudsen	<b>Comparison of Hatchery and Wild Redd Characteristics in the Upper Yakima</b>	3:40	Kelly McCaffrey	Washington Water Trust
4:00	Andy Dittman	<b>Homing and Spawning Site Selection of Hatchery and Wild Spring Chinook</b>	4:00	Allan Sullivan	<b>Central Washington University - Gladmar Ponds Research and Education Area</b>
4:20	Don Larsen	<b>Physiology and Precocialism of Hatchery Salmon</b>	4:20	Allan Sullivan	<b>Surveying for freshwater mussels in the Yakima River</b>
4:40	Christopher Johnson	<b>Precocious Salmon on the Spawning Grounds</b>	4:40	Lisa Pelly & Jon Kohr	<b>Trusting Water for Instream Flow – Yakima Water Auction</b>

## Thursday June 14

<b>Concurrent Session</b>					
<b>Ecological Interactions, Spring Chinook, Coho salmon, Steelhead trout, Fall Chinook Salmon, Bull trout, Storage studies, Room 147</b>			<b>Habitat and Management, Room 101</b>		
<b>Time</b>	<b>Presenter</b>	<b>Topic</b>	<b>Time</b>	<b>Presenter</b>	<b>Topic</b>
8:00	Todd Pearsons	<b>Ecological Interactions Overview</b>	8:00	Ken Bevis	Agenda Overview
8:20	Gabriel Temple	<b>Non-target Taxa Monitoring</b>	8:05	Ben Maletzke	Cougars in upper Kittitas County - Project CAT
8:40	Mike Berger	<b>Predation on Salmonids, Northern Pikeminnow</b>	8:20	Stan Sovern	<b>Spotted Owl demography in the Yakima basin</b>
9:00	Jim Siegel	<b>An analysis of smolt PIT tags collected at six predatory bird sites on the Yakima River</b>	8:40	Katrina Strathmann	<b>Converting Idle Farmland to Floodplain Habitats</b>
9:20	Todd Pearsons	<b>Spring Chinook Interactions Indices</b>	9:00	Mike Livingston	<b>Shrub Steppe Partnership</b>
			9:20	Scott McCorquodale	Yakima Basin Elk Study

9:40	Steve Cramer	<b>Twenty Years Of Flip Flop: What Can We Determine About Its Effects On Salmonids In The Yakima Basin?</b>
<b>10:00 Break</b>		
10:20	Martin Fox	<b>Analysis Of Spring Chinook Recruitment In Response To Flip-Flop Operations</b>
10:40	Todd Newsome	<b>Yakima River Coho Re-Introduction Feasibility Study</b>
11:00	Melinda Davis	<b>Yakima River Fall Chinook Supplementation</b>
11:20	Scott Blankenship	<b>Using DNA markers to delineate populations of Yakima Basin steelhead</b>
11:40	Bill Bosch	<b>Efficacy of Kelt Reconditioning</b>
<b>12:00 Lunch</b>		
<b>Time</b>	<b>Presenter</b>	<b>Topic</b>
1:00	Doug Hatch	<b>Acoustic Tracking of Short Term Kelts in Lower Columbia</b>
1:20	Gary Torretta	<b>Steelhead Spawner Surveys in Naches Subbasin</b>
1:40	Yuki Reiss & William Meyer	<b>Snorkel Surveys of Bull Trout in the North Fork Teanaway / Upper Yakima</b>
2:00	Brian Saluskin	Cle Elum Lake Fish Reintroduction Project
2:20	Joel Hubble	<b>Overview of the Yakima Storage Study</b>
2:40	Jim Hatton	<b>Wapato reach hydrodynamic model</b>
<b>3:00 Break</b>		
3:20	Jeff Thomas	<b>Storage Study Decision Support System (DSS)</b>

<b>10:00 Break</b>		
10:20	Dennis Hudson	Yakima Dams Fish Passage Study
10:40	Joel Freudenthal	<b>Flood Planning, Projects and Habitat Management</b>
11:00	Rebecca Wassell & Tina Mayo	Watershed Restoration and Management on Cle Elum Ranger District
11:20	William Meyer & Ken Bevis	WDFW – habitat protection success stories
11:40	Jason Smith & Jill Arango	Strategic Partnerships for Watershed Protection/Restoration
<b>12:00 Lunch</b>		
<b>Time</b>	<b>Presenter</b>	<b>Topic</b>
1:00	Alex Conley	<b>Yakima Recovery Board: Recovery Planning and Other Activities</b>
1:20	Margaret Newman	<b>Mid Columbia Regional Fisheries Enhancement Group</b>
1:40	Kelly Larimer	<b>Yakima Side Channels - Floodplain Protection</b>
2:00	Jason Smith	<b>I90, Snoqualmie Pass East - Providing Ecological Connectivity at Multiple Scales</b>
2:20	Walt Larrick	<b>Yakima River Basin Water Enhancement Program - Overview</b>
2:40	Jeff Graham	<b>Yakima River Basin Water Enhancement Program Habitat Management</b>
<b>3:00 Break</b>		
3:20	Ryan Anderson	<b>Yakima Basin Water Quality Monitoring</b>

		3:40	Phelps Freeborn	<b>Salmon Carcasses – How They Fit into the Bigger Picture of Water Quality</b>
		4:00	Marie Zuroske	<b>Lower Yakima Eutrophication Study</b>
		4:20	Anthony Gabriel	Ecological Characterization of Yakama Nation Riparian Restoration Sites on the Wapato Floodplain of the Yakima River Basin, WA
		4:40	Anna Lael	<b>Yakima Tributary Access and Habitat Projects</b>