

Yakima Basin Aquatic Science and Management Conference

Sponsored By

**Central Washington University, Yakima/Klickitat Fisheries
Project, Bureau of Reclamation**

June 15 and 16, 2005

Central Washington University, Science Building

Wednesday - June 15–Joint Session Yakima River Basin Overview

Time	Presenter	Topic
8:30		Registration - All Day (No Cost)
8:45	Dave Soltz, CWU	Welcome to Yakima Basin Conference
9:00	Phil Mote, Climate Impacts Group	Climate Change predictions in the Yakima Basin
10:00	Break	
10:15	David Lind, Joel Freudenthal	Presentation of the Yakima Subbasin Plan and Salmon Recovery Planning
10:40	James Esget	Yakima River Basin Water Enhancement Study
11:00	Kim McCartney	Yakima Basin Water Storage Study
11:30	Scott Kline	Yakima Field Office Operations
12:00	Lunch	
1:00	Concurrent Session	Spring Chinook Salmon
1:00	David Fast	Fish Science Overview
1:20	David Fast	Smolt-to-Smolt Survival of Hatchery and Wild Fish
1:40	Sewall Young	Genetic Stock Identification of Chinook Smolts Collected at the Chandler Trap
2:00	Mark Johnston	Adult-to-Adult Survival of Hatchery and Wild Fish
2:20	Curt Knudsen	Comparison of Upper Yakima Hatchery and Wild-Origin Spring Chinook Demographics
2:40	Craig Busack	Morphometric Comparison of Wild and Hatchery Spring Chinook
3:00	Break	
3:20	Anthony Fritts	Effects of Domestication on Predation Vulnerability
3:40	Todd Pearsons	Effects of Domestication on Competitive Dominance

Thursday - June 16 –(Spring Chinook, Coho salmon, Steelhead trout, Fall Chinook salmon, Bull trout, Community studies)

Time	Presenter	Topic
8:00	Concurrent	Spring Chinook (cont)
8:00	Don Larsen	Physiology and Precocialism of Hatchery Salmon
8:20	Christopher Johnson	Precocious Salmon on the Spawning Grounds
8:40	Brenda James	Morphometric Comparison of Precociously Mature and Immature Male Chinook
9:00		Ecological Interactions
9:00	Charity Davidson	Social Interactions Between Hatchery and Wild Fish
9:20	Todd Pearsons	Assessing and Reducing Ecological Risks From Hatcheries Using the PCD Risk1 Model
9:40	Gabriel Temple	Non-target Taxa Monitoring
10:00	Break	
10:20-	Mike Berger	Predation on Salmonids, Northern Pikeminnow
10:40	Ann Stephenson	Development of an Index to Bird Predation of Juvenile Salmonids In Yakima Basin
11:00	Todd Pearsons	Spring Chinook Interactions Indices
11:20		Coho Salmon
11:40	Todd Newsome	Yakima Coho Re-Introduction Feasibility Study
11:40		Fall Chinook Salmon
11:40	Melinda Davis	Yakima River Fall Chinook Supplementation
12:00	Lunch	
1:00		Steelhead trout
1:00	David Fast	Efficacy of Kelt Reconditioning
1:20	Todd Newsome	Radiotelemetry and Spawning Habitat Use by Reconditioned Steelhead Kelts
1:40	Cathy Karp	Steelhead Spawning Habitat Use in Upper Yakima
2:00	Gary Torretta	Steelhead Spawner Surveys in Naches Subbasin
2:20	Craig Busack	Genetic Structure of Yakima Steelhead Populations
2:40	Chris Frederiksen	EDT: Modeling The Performance of a Steelhead Population Existing in Sympatry With Resident Rainbow Trout
3:00	Break	
3:20		Bull Trout
3:20	Michael Mizell	Yakima Basin Bull Trout Radiotelemetry Study
3:40	Jeff Thomas	North Fork Tieton River Fish Surveys
4:00	Bill Ardren	Genetic Analysis of Yakima Bull Trout
		Sockeye Salmon
4:20	David Fast	Cle Elum Lake Fish Reintroduction Project

Thursday - June 16 - (Concurrent session)

Time	Presenter	Topic
8:00		Watershed Management
8:00	Scott Nicolai	Agenda Overview
8:05	Rob Hilldale	BOR 2-d Floodplain Modeling
8:40	Kelly Clark	Yakima Side Channels - Floodplain Protection
9:00	Tracy Hames	Yakima River - Wapato Reach Restoration
9:20	Becca Wassell	U.S. Forest Service Cle Elum District
9:40	Gary Torretta	U.S. Forest Service Naches District
10:00	Break	
10:20	Scott Nicolai	Riparian Restoration – Planting for Success
10:40	Anna Lael	Yakima Tributary Access and Habitat Projects
11:00	Perry Harvester	Restoring Instream Flows in eastern Washington Streams
11:20	Carol Ready	Manastash Creek Restoration Project
11:40	Pat Monk	Pulse Flows for Smolt Outmigration
12:00	Lunch	
1:00	Marc Porter	Evaluating Effects of Screened Diversions in the Yakima Subbasin
1:20	Lisa Pelly	Washington Water Trust
1:40	Richard Visser & Frank Sweet	Lead Entity Salmon Recovery Strategy
2:00	Roundtable Discussion	Habitat Projects, Monitoring, Assessment Issues and Needs
3:00	Reconvene with Aquatic Science	