

Yakima Basin Aquatic Science and Management Conference

Sponsored By

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

June 14 and 15, 2006

Central Washington University, Science Building

Wednesday - June 14—Joint Session Yakima River Basin Overview

Time	Presenter	Topic
8:30		Registration - All Day
8:45		Welcome to Yakima Basin Conference
9:00	Robert Lackey, EPA	Pacific NW Wild Salmon in 2100: An Alternative Futures Perspective on Salmon Recovery
10:00	Break	
10:15	David Lind	Presentation of the Yakima Subbasin Plan and Salmon Recovery Planning
10:40	Walt Larrick	Fisheries Issues and Potential Solutions at Roza Dam
11:20	Ken Bovee	Yakima Storage Study Decision Support System
12:00	Lunch	
1:00	Concurrent Session	Spring Chinook Salmon
1:00	Dave Fast	Fish Science Overview
1:20	Dave Fast	Survival of Hatchery and Wild Fish
1:40	Todd Kassler	Genetic Stock Identification of Chinook Smolts Collected at the Chandler Trap
2:00	Curt Knudsen	Comparison of Upper Yakima Hatchery and Wild-Origin Spring Chinook Demographics
2:20	Anthony Fritts	Effects of Domestication on Predation Vulnerability
2:40	Jennifer Scott	Effect of Domestication on Competitive Dominance
3:00	Break	
3:20	Steve Schroder	Biological and Behavioral Factors that Affect Reproductive Success

3:40	Todd Kassler	Pedigree Analysis of Spring Chinook Juveniles from the Cle Elum Experimental Spawning Channel
4:00	Curt Knudsen	Life-history and Genetic Traits of Wild Origin Yakima River Spring Chinook Salmon Populations
4:20	Andy Dittman	Homing and Spawning Site Selection of Hatchery and Wild Spring Chinook
4:40	Doug Neeley	Presentation and workshop on Statistical Methods of Survival Estimation for Smolts and Adults
1:00	Concurrent Session	Watershed Management
1:00	Scott Nicolai	Overview of Watershed Session
1:05	Ken Bevis	Landscape Changes
1:20	Jim Armstrong	Cascade Land Conservancy
1:40	Commissioners Forum on Watershed Management	Nancy Aldrich Neal McClure Nancy Lillquist Jesse Palacios David Bowen
2:10	Betsy Bloomfield	The Nature Conservancy
2:30	Peter Dykstra	Trust for Public Land
3:00	Break	
3:20	David Gerth	Kittitas Conservation Trust
3:40	Darryl Piercy	Land Use Planning in Kittitas County
4:00	Margaret Newman	Mid Columbia Regional Fisheries Enhancement Group
4:20	Kelly McCafferty	Washington Water Trust

Thursday - June 15 –(Spring Chinook, Coho salmon, Steelhead trout, Fall Chinook salmon, Bull trout, Storage studies)

Time	Presenter	Topic
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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
		Ecological Interactions
8:40	Gabriel Temple	Non-target Taxa Monitoring
9:00	Mike Berger	Predation on Salmonids, Northern Pikeminnow
9:20	Jim Siegel	Development of an Index to Bird Predation of Juvenile Salmonids In Yakima Basin
9:40	Todd Pearsons	Spring Chinook Interactions Indices
10:00	Break	
10:20-	Ray Brunson	Fish Health of Wild and Hatchery Smolts
		Coho Salmon
10:40	Todd Newsome	Yakima River Coho Re-Introduction Feasibility Study
		Fall Chinook Salmon
11:00	Melinda Davis	Yakima River Fall Chinook Supplementation
		Steelhead trout
11:20	Bill Bosch	Efficacy of Kelt Reconditioning
11:40	Mark Johnston/ Cathy Karp	Steelhead Spawning Habitat Use in Upper Yakima Basin
12:00	Lunch	
1:20	Gary Torretta	Steelhead Spawner Surveys in Naches Subbasin
1:40	Chris Frederiksen	Steelhead/Rainbow Population Dynamic Model
		Bull Trout
2:00	Denise Hawkins	Genetic Analysis of Yakima Bull Trout
2:20	Michael Mizell	Yakima Basin Bull Trout Radiotelemetry Study
2:40	Pat Monk	Tieton Hydro Fish Salvage
3:00	Break	
		Sockeye Salmon
3:20	David Fast	Cle Elum Lake Fish Reintroduction Project
		Storage and Fisheries
3:40	Joel Hubble	Yakima Storage Study – Fisheries Assessment
4:00	Rob Hilldale	Hydraulic 2-Dimensional Modeling - Yakima Storage Project
4:20	Rob Hilldale	Lower Cle Elum Study Proposal/2D Habitat Modeling on the Yakima River

Thursday - June 15 - (Concurrent session)

Time	Presenter	Topic
		Habitat and Management
8:00	Scott Nicolai	Agenda Overview
8:00	Chris McColl	Associated Wetlands Delineation for Improved Shoreline Management Program Applications
8:20	Anthony Gabriel and David Parrish	Ecological Characterization of Salmon Habitat Restoration Efforts for Abandoned Gravel Pits, Yakima River, Washington
8:40	Anthony Gabriel	Ecological Comparison of Disconnected and Connected Side Channels, Wapato Reach, Yakima
9:00	Marie Zuroske	Lower Yakima Eutrophication Study
9:20	Dan Didricksen	Using Benthic Macroinvertebrates as an Indicator of Steelhead (<i>Oncorhynchus mykiss</i>) Habitat Quality, Manastash Creek, Washington.
9:40	Sgt. Kelley Yakima County Corrections	Salmon Recovery Project
10:00	Break	
10:20	Lixing Sun	Beaver Chemical Communication and the Role of Beaver in Watershed Restoration
10:40	Tom Cottrell	Willow ecology and beaver in mountain wetlands
11:00		
11:00	Tim Abbe	Large Woody Debris and Engineered Log Jams
12:00	Lunch	
1:00	Dennis Hudson	Yakima Dams Fish Passage Study
1:20	Ken Hammond	Alternatives to the Proposed Black Rock Reservoir
1:40	Anna Lael	Yakima Tributary Access and Habitat Projects
2:00	Henry Fraser	Reecer/Currier Creek Restoration/Tribulation
2:20	Kelly Larimer	Yakima Side Channels - Floodplain Protection
2:40	Walt Larrick	YRBWEP status, restoration update, future plans
3:00	Break	
3:20	Lisa Pelly	Washington Rivers Conservancy
3:40	Peter Dykstra	Trust for Public Land