

Yakima Basin Aquatic Science and Management Conference

Sponsored By

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

June 15 and 16, 2004

Central Washington University, Science Building

June 15–Joint Session Yakima River Basin Overview

Time	Presenter	Topic
8:30		Registration (No Cost)
8:45	Dave Soltz, CWU	Welcome to Yakima Basin Conference
9:00	Morris Uebelacker	45KT1368- Examination and Implications of a Cultural Resource Site in the Cle Elum Valley
9:30	Kate Puckett	Water Development & Management
9:50	Break	
		Spring Chinook Salmon
10:05	Dave Fast	Fish Science Overview
10:25	Dave Fast	Smolt-to-Smolt Survival of Hatchery and Wild Fish
10:45	Jason Rau	Predator Avoidance Training
11:05	Mark Johnston	Adult-to-Adult Survival of Hatchery and Wild Fish
11:25	Andy Dittman	Homing and Spawning Site Selection of Hatchery and Wild Spring Chinook
11:45	Craig Busack	Genetic Risk Assessment
12:05	Todd Kassler	DNA Based Gender Identification of Chinook Salmon at Roza Adult Monitoring Facility
12:25	Lunch	
		Domestication
1:20	Craig Busack	Research Overview
1:40	Curt Knudsen	Comparison of Upper Yakima Hatchery and Wild-Origin Spring Chinook Demographics
2:00	Craig Busack	Morphological Comparison of Wild and Hatchery Spring Chinook
2:20	Anthony Fritts	Effects of Domestication on Predation Vulnerability
2:40	Todd Pearsons	Effects of Domestication on Competitive Dominance
3:00	Break	
3:20	Steve Schroder	Biological and Behavioral Factors that Affect Male Reproductive Success
3:40	Sewall Young	Insights and Surprises from DNA-Based Chinook Parentage Studies

4:00	Curt Knudsen	In-river and Spawning Channel Redds of Hatchery and Wild Origin Spring Chinook
4:20	Don Larsen	Physiology and Precocialism of Hatchery Salmon
4:40	Christopher Johnson	Precocial Salmon on the Spawning Grounds
5:00	Brian Beckman	Precocialism of Salmonids in the Columbia Basin
1:20	Concurrent Session	Habitat and Management
1:20	Kim McCartney	Yakima Basin Water Storage Feasibility Study
1:40	Dennis Hudson	Yakima Dams Fish Passage Assessment
2:00	Steve Hiebert	Entrainment of Fish at Rimrock Reservoir
2:20	Steve Hiebert	Assessment of Infrared Fish Counting Device
2:40	Scott Kline	The Influence of Surface Water Discharge on Hyporheic Flow In Chinook Salmon Redds
3:00	Break	
3:20	Scott Kline	The Influence of Offspring Advantages on Chinook Salmon Redd Site Selection
3:40	Pat Monk	Water Quality Monitoring In Irrigation Drains
4:00	Chip Nevins	Cascade Land Conservancy - Cascade Dialogues
4:20	Jim Armstrong	Land Acquisitions – The Cascades Conservation Partnership
4:40	Scott Nicolai	Yakima Side Channels-Floodplain Habitat Protection
5:00	Scott Nicolai	Hanson Ponds – Floodplain Restoration

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

Time	Presenter	Topic
8:00	Phil Mees, Ken Bevis, Richard Visser, Julie Morgan, Joel Freudenthal	Presentation of the Yakima Subbasin Plan
		Ecological Interactions (Concurrent session)
9:00	Gabriel Temple	Non-target Taxa Monitoring
9:20-	Mike Berger	Predation on Salmonids, Northern Pikeminnow
9:40	Ann Stephenson	Development of an Index to Bird Predation of Juvenile Salmonids In Yakima Basin
10:00	BREAK	
10:15	Ray Brunson	Fish Health of Wild and Hatchery Smolts
10:35	Todd Pearsons	Spring Chinook Interactions Indices
10:55	Todd Pearsons	Restoring Nutrients to Streams Using Recycled Carcass Analogs
		Coho Salmon
11:15	Todd Newsome	Yakima River Coho Re-Introduction Feasibility Study
11:35	Todd Newsome	Yakima Coho Master Plan
11:55	Chris Frederiksen	Application of the EDT Model for Coho Supplementation
12:15	Lunch	
		Fall Chinook Salmon
1:20	Melinda Davis	Yakima River Fall Chinook Supplementation
		Steelhead trout
1:40	Joe Blodgett	Efficacy of Kelt Reconditioning
2:00	Todd Newsome	Radiotelemetry and Spawning Habitat Use by Reconditioned Steelhead Kelts
2:20	Mark Johnston/ Cathy Karp	Steelhead Spawning Habitat Use in Upper Yakima Basin
2:40	Yuki Reiss	Steelhead Spawner Surveys in Naches Subbasin
3:00	Break	
		Bull Trout
3:20	Michael Mizell	Yakima Basin Bull Trout Radiotelemetry Study
3:35	Jeff Thomas	Upper Cle Elum River Bull Trout Surveys
3:55	Yuki Reiss	Genetic Variability Within Bull Trout (<i>Salvelinus confluentus</i>) Populations In The Yakima River Basin
4:15		
4:35		

June 16 - (Concurrent session)

Time	Presenter	Topic
8:00		The Yakima Subbasin Plan (Joint Session)
		Habitat
9:00	Carol Ready	Yakima Tributary Access & Habitat Program
9:20	Betsy Bloomfield	Conservation by Design – Protecting Freshwater Biodiversity
9:40	Jim Esget	Land River Basin Water Enhancement Program
10:00	Break	
10:15	Kelly Clark	Yakima River Floodplain Mining Study
10:35		
10:55	Yuki Reiss	U.S. Forest Service Naches District
11:15		
11:35	Blanton	Developing Historical Analogs of Riparian Habitat Conditions for the Yakima EDT Model
12:00	Lunch	
1:35	Tina Mayo?	U.S. Forest Service Cle Elum District
1:55		
2:15		
2:35	??	USGS Yakima River Basin Water Quality
2:55	??	I-90 Corridor Connectivity
3:15		
3:35		