

Yakima Basin Science & Management Conference 2009

Sponsored by:

Central Washington University, Bonneville Power Administration, Yakima/Klickitat Fisheries Project, Bureau of Reclamation, and Yakima Basin Fish & Wildlife Recovery Board

June 17 - 18, 2009

Central Washington University, Science Building Room 147 & 101

Wednesday June 17, 2009

Joint Session: Yakima River Basin Overview, Room 147					
8:15	Poster presenters set up posters and registration				
8:30	Welcome to the Yakima Basin Science & Management Conference				
8:45	Dave Fast- YN	Overview of Fisheries Activities in the Yakima Basin			
9:00	Alex Conley- YBFWRB	Overview of Habitat Activities in the Yakima Basin			
9:30	Rob Walton- NOAA Fisheries	KEYNOTE SPEAKER			
10:30	Break				
11:00	Panel on flooding and floodplain development				
11:45	Lunch				
Concurrent Session					
Spring Chinook Salmon, Room 147			Watershed and Wildlife Management, Room 101		
Time	Presenter	Topic	Time	Presenter	Topic
1:00	Andy Dittman NOAA Fisheries	Homing and spawning site selection of hatchery and wild spring Chinook	1:00	Jason Smith WSDOT	I-90 Snoqualmie Pass East Project Overview
1:20	Darran May NOAA Fisheries	Abundance and Distribution of Spring Chinook Salmon Redds in the Yakima River Basin Before and After Supplementation	1:20	Robert Long MSU	Pre-construction wildlife monitoring for Washington's I-90 Snoqualmie Pass East project
1:40	Jeremy Cram UW	Linking physical habitat characteristics to Chinook spawning distribution in the Yakima River	1:40	Kristina Ernest CWU	Pre-construction baseline monitoring of pikas for Washington's I-90 Snoqualmie Pass East project: Habitat and Distribution
2:00	Steve Corbett NOAA Fisheries	Response of a spawning population of spring Chinook salmon to flow alteration in a highly regulated system	2:00	Paul James CWU	Pre-construction baseline monitoring of fish for Washington's I-90 Snoqualmie Pass East Project
2:20	Todd Kassler WDFW	Yakima River Pedigree analysis of spring Chinook	2:20	Steve Wagner CWU	Pre-construction baseline monitoring of amphibians for Washington's I-90 Snoqualmie Pass East project: Distribution, detection and tracking
2:40	Ken Warheit WDFW	Overview of spring Chinook smolt analysis collected at Chandler Trap	2:40	Anthony Novack WDFW	History of elk-agriculture conflicts in the Yakima Basin
3:00	Break		3:00	Break	
3:20	Steve Schroder WDFW	Breeding success of wild and first generation hatchery spring Chinook salmon spawning in an artificial stream	3:20	Stan Sovern USFS	Spotted owl demography in the Yakima Basin

Time	Presenter	Topic	Time	Presenter	Topic
3:40	Curt Knudsen Oncorh Consulting	The paradox of faster growing wild fish maturing at older ages than slower growing hatchery fish	3:40	Kevin White WSU	Prey use by male and female cougars in an elk and mule deer community
4:00	Don Larsen NOAA Fisheries	Physiology and precocialism of hatchery salmon	4:00	David Gerth KCT	Swauk Creek: Water Storage Opportunities and Constraints
4:20	Christopher Johnson WDFW	Precociously mature salmon on the spawning grounds	4:20	Tanya Lamb CWU	Nutrient Limitation in Swauk Creek River Basin
4:40	Brian Beckman NOAA Fisheries	Variation in emergence timing promotes variability in smolting and early male maturation in Yakima River spring Chinook salmon	4:40	Thomas Elliott YN Wildlife	Cottonwood Sex Ratios on the Wapato Reach

Thursday June 18, 2009

Yakima Basin Fisheries Research, Room 147			Watershed and Wildlife Management, Room 101		
Time	Presenter	Topic	Time	Presenter	Topic
8:20	John Vaccaro USGS	Vulnerabilities of water availability and agriculture from climate change in the Yakima River Basin, WA	Room 147 Joint session		
9:00	Anthony Fritts WDFW	Effects of domestication on predation mortality and competitive dominance			
9:20	Gabriel Temple WDFW	Non-target taxa monitoring	9:20	Matt Ely USGS	Aspects of Groundwater in the Yakima River Basin
9:40	Mike Porter YN Fisheries	Northern Pikeminnow predation	9:40	Thomas Elliott YN Wildlife	Groundwater relations between Toppenish Creek and Marion Drain
10:00	Break		10:00	Break	
10:20	Mike Porter YN Fisheries	Bird predation on the Yakima River	10:20	Tom Ring YN	Bad decade at Black Rock
10:40	Todd Newsome YN Fisheries	Yakima River coho reintroduction feasibility study	10:40	Scott Nicolai YN Habitat	Large wood replenishment in Taneum Creek
11:00	Gabriel Temple WDFW	Coho salmon reintroduction and interactions with rainbow trout in Taneum Creek, Washington	11:00	Jason McCormick WWT	Winter Water: A hot topic for cold fish
11:20	Melinda Davis YN Fisheries	Yakima River fall Chinook supplementation	11:20	Scott Ladd YN	Water Quality in Lower Yakima River Tributary Streams and Irrigation Return Drains
11:40	Chris Frederiksen YN Fisheries	Modeling summer Chinook reintroduction	11:40	Joel Freudenthal Yakima County	Flood planning, projects and habitat management
12:00	Lunch		12:00	Lunch	
Time	Presenter	Topic	Time	Presenter	Topic
1:00	Yuki Reiss YBFWRB	Update on the Status of Bull Trout in the Yakima Basin	1:00	Panel on tributary access (YTAHP) - Dave Myra et al.	
1:20	Maureen Small WDFW	Genetic Analysis of Yakima Basin Bull Trout (<i>Salvelinus confluentus</i>)	1:20		
1:40	Tim Resseguie YN Fisheries	Steelhead Monitoring on Satus, Toppenish and Ahtanum Creeks	1:40		
2:00	Dave Fast YN Fisheries	Steelhead reconditioning update	2:00		

Time	Presenter	Topic	Time	Presenter	Topic
2:20	Scott Blankenship WDFW	Genetic comparisons between spawning adult steelhead, juvenile migrants, and mature resident <i>O. mykiss</i> from the upper Yakima River	2:20	Lisa Pelly WRC	Flow restoration in Manastash Creek
2:40	Barry Berejikian NOAA Fisheries	Implementation of hydraulic redd sampling and two-year smolt rearing programs to reduce domestication in steelhead supplementation programs	2:40	Jill Arango CLC	Wilson Creek Restoration and Grazing Innovation Project
3:00	Break		3:00	Break	
3:20	Barry Berejikian NOAA Fisheries	A review of the relative fitness of hatchery- and natural-origin salmon and steelhead	3:20	Rachel Little, BCD & Denise Buck, NYCD	Environmental Education in the Yakima Basin - Schools of Salmon
3:40	Steve Cramer CFS	Environmental drivers of steelhead abundance in partially anadromous <i>Oncorhynchus mykiss</i> populations	3:40	John Marvin YN Habitat	YKFP Habitat Projects
4:00	Ian Courter CFS	Flow and temperature effects on life history diversity of <i>Oncorhynchus mykiss</i> in the Yakima River basin	4:00		
4:20	Brian Saluskin YN Fisheries	Cle Elum passsage update	4:20		
4:40	Bob Rose YN Fisheries	Yakama Nation Pacific Lamprey Plan	4:40		

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List of Acronyms:

BCD= Benton Conservation District
CFS= Cramer Fish Sciences
CLC= Cascade Land Conservancy
CWU= Central Washington University
KCT= Kittitas Conservation Trust
MSU= Montana State University
NOAA= National Oceanic & Atmospheric Association
NYCD= North Yakima Conservation District
USFS= United States Forest Service
USGS= United States Geological Survey
UW= University of Washington
WDFW= Washington Department of Fish & Wildlife
WRC= Washington Rivers Conservancy
WSDOT= Washington State Department of Transportation
WSU= Washington State University
WWT= Washington Water Trust
YBFWRB= Yakima Basin Fish & Wildlife Recovery Board
YKFP= Yakima/Klickitat Fisheries Project
YN= Yakama Nation
YTAHP= Yakima Tributary Access & Habitat Program