

2023 Annual Willamette Fisheries Science Review

Join by WebEx: <https://usace1.webex.com/meet/fenton.khan>

April 5, 2023: 9:00 am - 4:15 pm

Time	Presenter	Organization	Title
9:00 AM	Fenton Khan	USACE	Welcome
9:05 AM	Ida Royer	USACE	Welcome and Opening Remarks
9:20 AM	Fenton Khan	USACE	Agenda and flow of the presentations; Q&A Etiquette
9:25 AM	Stephanie Liss	PNNL	Evaluation of Foster Dam Spillway and Green Peter Dam Spillway Operations for Juvenile Fish Passage
9:50 AM	Transition		Q&A; Transition to next speaker
9:55 AM	Dillon Alegre	EAS	Willamette Valley Fish Passage Monitoring Via Rotary Screw Traps
10:15 AM	Transition		Q&A; Transition to next speaker
10:20 AM	Ryan Flaherty	CFS	Upper Willamette River Chinook salmon spawning surveys on Quartzville Creek
10:40 AM BREAK - 15 minutes		BREAK - 15 minutes	
10:55 AM	Nik Zymonas	ODFW	Upper Willamette Bull Trout Spawning Abundance and Passage at Cougar and Hills Creek Dams in 2022
11:15 AM	Transition		Q&A; Transition to next speaker
11:20 AM	Jim Peterson	OSU	Prespawning Mortality of Fall Creek Willamette Chinook Salmon: Evaluation of the Effects of a New Trap at the Adult Fish Collection Facility
11:40 AM	Transition		Q&A; Transition to next speaker
11:45 AM	Matt Keefer	U of I	Decision Support Modeling for Outplanting Adult Chinook Salmon in the Santiam River Basin
12:05 PM LUNCH - 1 hour		LUNCH - 1 hour	

1:10 PM	Fenton Khan	USACE	Housekeeping
1:15 PM	David Dayan	OSU	Evaluating Spring Chinook Salmon Releases Above Cougar Dam Using Genetic Parentage Analysis
1:35 PM	Transition		Q&A; Transition to next speaker
1:40 PM	Kathleen O'Malley	OSU	Evaluating Spring Chinook Salmon Releases Above Detroit and Below Big Cliff Dams Using Genetic Parentage Analysis
2:00 PM	Transition		Q&A; Transition to next speaker
2:05 PM	James White	USGS	Hydraulic and Habitat Modeling to Understand Habitat Overlap between spring Chinook Salmon and Smallmouth Bass Along the Willamette River
2:25 PM	BREAK - 15 minutes		BREAK - 15 minutes
2:40 PM	Greg Taylor	USACE	Changes in Habitat, Water Quality, and Dam Operations Associated with Environmental Variability: Water Year 2021 v 2022
3:00 PM	Transition		Transition to next speaker
3:05 PM	Norman Buccola	USACE	Water Quality Modeling for the Willamette Valley System EIS and BA
3:25 PM	Transition		Q&A; Transition to next speaker
3:30 PM	Rose Wallick	USGS	The USGS Willamette Integrated Water Science (IWS) Program: overview of upcoming research and gaging in the Willamette River Basin 2023-2031
3:50 PM	Transition		Q&A; Transition to next speaker
3:55 PM	Jim Peterson	OSU	The Wild Fishes Surrogate Project: Where we have been, are, and will be
4:15 PM	END OF DAY 1		END OF DAY 1

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April 6, 2023: 8:00 am - 11:30 am

Time	Presenter	Organization	Title
8:00 AM	Fenton Khan & Rachel Laird	USACE	Welcome; Agenda and flow of the presentations; Q&A Etiquette
8:05 AM	Murdoch McAllister	UBC	Interspecific Differences in Salmnoid Population Responses to Dam Passage Measures In the Upper Willamette Basin
8:25 AM	Transition		Q&A; Transition to next speaker
8:30 AM	Mairin Deith	UBC	A Life Cycle Model to Evaluate Scaling-Down Hatchery Practices in Response to Future Above-dam Recovery Signals in Spring Chinook salmon
8:50 AM	Transition		Q&A; Transition to next speaker
8:55 AM	Mairin Deith	UBC	Above-Dam Life History Diversity of Juvenile Spring Chinook Salmon: Implications for Life Cycle Modeling and Population Recovery
9:15 AM	Transition		Q&A; Transition to next speaker
9:20 AM	Aaron Greenberg	UBC	Can Reducing Dam Passage Mortality Compensate for Low Marine Survival in Winter Steelhead?
9:40 AM	BREAK - 15 minutes		BREAK - 15 minutes
9:55 AM	Tom Porteus	UBC	Approaches to Modelling Pre-spawn Mortality in Evaluation of Dam Passage Options for Spring Chinook salmon
10:15 AM	Transition		Q&A; Transition to next speaker
10:20 AM	Roberto Licandeo	UBC	Productivity Dynamics in Spring Chinook Salmon in Adjacent Dams
10:40 AM	Transition		Q&A; Transition to next speaker

10:45 AM	Eric Parkinson	UBC	How Should Juvenile Salmonid Mortality Rate Responses to Tailrace TDG be Assessed in Evaluation of Dam Passage Options?
11:05 AM	Transition		Q&A; Transition to next speaker
11:10 AM	Tom Porteus	UBC	How Important is the Use of Prior Information for the Estimation of Freshwater and Smolt-Adult Survival Rates of Salmonids Using Data from PIT Tag Studies?
11:30 AM	Fenton Khan	USACE	Wrap Up
11:35 AM	End of Day 2		
End of 2023 Annual Willamette Fisheries Science Review			

Organization Acronyms

CFS = Cramer Fish Sciences

EAS = Environmental Assessment Services

OSU = Oregon State University

PNNL = Pacific Northwest National Laboratory

Uof I = University of Idaho

UBC = University of British Columbia

USGS = United States Geological Survey

USACE = United States Army Corps of Engineers

PONTS OF CONTACTS FOR QUESTIONS:

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