

Technical Sessions, Wednesday, 2/29/12, 3:00-5:00 pm					
Time	Climate Change: Impacts on Fish and Their Habitats	Beyond the Adipose Fin: Oregon's Non-Game Native Species	Estimating and Managing Returns of Wild Anadromous Fish	Women in Fishery Science	From the Raceway to Gravel: Artificial Propagation
Room	Williams	Sousa	Hellman	Bloch	O'Neill
Moderator	TBD	Tim Hardin, ODFW	Jens Lovtang, CTWS	Noëlle Yochum, OSU	Diane Deal, ODFW
3:00 pm	Effects of climate change on life history trajectories of juvenile <i>Oncorhynchus mykiss</i> Joseph Benjamin, USGS	Morphological divergence among threespine stickleback (<i>Gasterosteus aculeatus</i>) in the Upper Deschutes River basin, Oregon Jeremiah Psiropoulos*, OSU	Predicting the Run: Spring Chinook Salmon in the Deschutes River Basin Jens Lovtang, CTWS	Advocating for Yourself and Your Work Flaxen Conway, OSU	Disease Risks Associated with Hatcheries in the Willamette River System Michelle Jakaitis*, OSU
3:20 pm	The paradox of cooling streams in a warming world: Evaluating temperature trends in minimally and highly human-influenced streams Ivan Arismendi, OSU	Tiny Fish in a Hot Spring: Monitoring the Status of the Endangered Borax Lake Chub, <i>Gila Boraxobius</i> , in a Geothermal Lake in Southeastern Oregon Paul Scheerer, ODFW	A Retrospective Analysis of Run Forecasting Models for Warm Springs River Spring Chinook Salmon David Hand, USFWS	Yes, in fact, women can do math Selina Heppell, OSU	Genetic evidence of vertical transmission and cycling of the enteric redmouth disease organism (<i>Yersinia ruckeri</i>) in hatchery-origin fall Chinook salmon (<i>Oncorhynchus tshawytscha</i>) Richard Glenn, USFWS
3:40 pm	Spatial variability in egg-incubation temperature regimes on the Copper River Delta, Alaska: implications for understanding likely climate change impacts Steve Wondzell, USFS	Taxonomic, morphometric, and phylogenetic analysis of speckled dace from Foskett Spring and adjacent basins Kendra Hoekzema*, OSU	Chinook Harvest Management on the Deschutes River, a 40 Year Retrospective on Successful and Unsuccessful Approaches Rod French, ODFW	The Three R's: Respect, Relationships, and Rank Laura Tesler, ODFW	Born to Behave Wild? Utilizing Data on Growth, Development and Behavior of Wild Spring Chinook to Develop Rearing Strategies to Produce Artificially Reared Fish with a Wild Phenotype Julia Unrein, OSU
4:00 pm	Effects of temperature and behavioral dominance on maturation reaction norms in <i>Oncorhynchus mykiss</i> Matthew Sloat*, OSU	Abundance and Habitat Use of Larval Lamprey in Five Willamette River Tributaries Lance Wyss, USGS	Predicting Escapement of Wild Spring Chinook in the John Day River Ian Tattam, ODFW	Anybody heard my voice? I know I left it around here somewhere... Kelly Burnett, USFS	Sex reversal or selection against hatchery females does not explain differences in sex ratio between hatchery and wild steelhead, <i>Oncorhynchus mykiss</i> Neil Thompson*, OSU
4:20 pm	Do Thermal Refugia in the Kalamath River Offer Parasite Protection for Salmonids? Luciano Chiaramonte*, OSU	Physiological and Behavioral Diversity in the Adult Pacific Lamprey, <i>Entosphenus tridentatus</i> , During the Freshwater Spawning Migration Ben Clemens, USGS	Predicting Spring Chinook Returns to Northeastern Oregon: Magic or Science? Joseph Feldhaus, ODFW	Do women need a unique perspective before selecting a career or field within science? Patricia Burke, NOAA	Ecological differences of juvenile steelhead produced by natural origin vs local hatchery origin adult steelhead spawning in a natural stream Benjamin Kennedy, USFWS
4:40 pm	Elevation envelopes for Redband trout and invasive brook trout: current status and potential change Dana Warren, OSU	Behavior, migration timing, and movement patterns of returning adult Pacific lamprey (<i>Lampetra tridentata</i>) in the Snake River basin, ID Brian McIlraith, CRITFC	Post-dam removal run forecasting and escapement modeling for the Hood River Phil Simpson, ODFW	Panel Discussion	Coos Fall Chinook Monitoring and Evaluation Project Gary Vonderohe, ODFW Followed by Fish Culture Committee Meeting Ryan Couture (ODFW)

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Technical Sessions, Thursday, 3/1/12, 8:00-10:00 am					
Time	Connections Between Fish and Their Habitats	Beyond the Adipose Fin: Oregon's Non-Game Native Species	Estimating and Managing Returns of Wild Anadromous Fish	Advances in Fish Health	Innovative Methods for Fisheries Research
Room:	Wilder	Sousa	Hellman	Bloch	Joplin / Seeger
Moderator:	Kara Anlauf-Dunn, ODFW	Tim Hardin, ODFW	Jens Lovtang, CTWS	Tracey Momoda, OSU	Jason Seals, ODFW
8:00 am	The influence of migration distance on female-biased anadromy in steelhead Haley Ohms* , OSU	Fire Marshals and Facebook Fishes: Strange and Wonderful Developments at the OSU Ichthyology Collection Brian Sidlauskas , OSU		Toxic chemicals in Oregon fish Michael Mulvey , DEQ	Learning Genetics and Ecology to Save Salmon Judith Jensen , ES
8:20 am	The Effects of Maximum Current Velocity on Optimal Behaviors of Juvenile Anadromous Salmonids in Freshwater Richard Hinrichsen , HES	Fishes of Oregon- progress and a web page Douglas Markle , OSU	Are hydrologic triggers for adult coho salmon different at the migration or spawning phase of their freshwater journey? Rachel LovellFord* , OSU	Effects of the Aquatic Herbicide Endothall on Survival of Salmon and Steelhead Smolts During Seawater Transition Ian Courter , CFS	Is Less Enough? Assessing the Use of Index Redd Surveys for Estimating Escapement of Chinook Salmon in Northeast Oregon Marika Dobos , ODFW
8:40 am	Experimental evidence reveals that instream cover is a limiting resource for stream-living trout populations Brooke Penaluna* , OSU	Education and Outreach Committee Meeting	Juvenile Coho Salmon Movement Patterns and Survival Estimates In a Coastal Basin of Southern Oregon Adam Weybright , OSU	Atrazines affect on Pacific lamprey (<i>Entosphenus tridentatus</i>) olfactory response to pheromones and necromones April G. Smith* , OSU	Web-based, Integrated Database Systems and How They Help Large Scale Population Management: The Ongoing Effort to Restore the Pacific Northwest Salmonids Andrew Albaugh , NOAA
9:00 am	Relationships between Instream Habitat and Adult Coho Salmon in Oregon Coast Streams Matt Strickland , ODFW		Oregon Coast coho harvest management and revisions to Amendment 13 Bob Buckman , ODFW	Using Trophically Transmitted Parasites to Establish Links Between Pacific Salmon and Variability in Ocean Conditions James Losee* , OSU	Survival and Development of Hydraulically Sampled Bull Trout Eggs and Future Plans for Captive Rearing Research William R. Brignon* , OSU
9:20 am	Oh! What a tangled web we weave: simplifying complex relationships between salmon and their habitat in the Pacific Northwest Seth White , CRITFC		Karen Hans (ODFW)	Managing In-basin Sport Fisheries on ESA-Listed Oregon Coast Wild Coho Salmon Mike Gray , ODFW	Of prey and proteins: Is Paenibacillus thiaminolyticus the source of thiamine deficiency in Great Lakes salmonines? Allison Evans* , OSU
9:40 am	Effectiveness of lowering pool depth criterion for salmonid snorkel surveys in Oregon Coastal streams Ron Constable , ODFW		Timing and distribution of naturally produced coho salmon in the lower Columbia River Erick Van Dyke , ODFW		Video on the rocks: Use of a novel video drop-camera as a fishery-independent no-take tool to survey demersal rockfishes (<i>Sebastes spp.</i>) in high-relief nearshore rocky habitat Ryan Easton* , OSU

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Technical Sessions, Thursday, 3/1/12, 10:20 pm -12:20 pm					
Time	Connections between Fish and Their Habitat	Fish Passage and Screening	Estimating and Managing Returns of Wild Anadromous Fish	Spots and Slashes: Oregon's Cutthroat Trout	Home Waters: Willamette River Initiatives
Room:	Wilder	Sousa	Hellman	Bloch	Joplin / Seeger
Moderator:	Kara Anlauf-Dunn, ODFW	Pete Baki, ODFW	Jens Lovtang, CTWS	Bianca Streif, USFWS	Laura Tesler, ODFW
10:20 am	Relationships between wood and pools in forested streams of western Montana Jeff Light, PCT	Freeing the Calapooia: Lessons Learned from Community Process on Dam Removal Decision Making Denise Hoffert-Hay, CC	Yakima Basin Spring Chinook Management: Forecasting, Harvest, and Escapement Bill Bosch, YNF	Putting coastal cutthroat trout on the map: an update on the coastal cutthroat trout database project Kitty Griswold, PSMFC	Oregon Chub: Twenty Years Later, Where are We Now and What Have We Learned? Paul Sheerer, ODFW
10:40 am	Restoring Aquatic Side Channels: South Meadow Floodplain Project Chris Orsinger, FBP&MP	Calapooia River Dam Removal Projects: Design and Implementation for Fish Passage in a Bifurcated System Scott Wright, RDG	Too Many Jacks! The Ordeal of Forecasting Upriver Spring Chinook Kathryn Kostow, ODFW	Catchment scale evaluation of headwater cutthroat trout movement Doug Bateman, USGS	Effects of US Army Corps of Engineers Willamette Projects Operations on Off-Channel Habitats Used by Oregon Chub and Other Floodplain Fishes Brian Bangs, ODFW
11:00 am	Large-Scale Floodplain Restoration and Development of Best Practices for Restoration and Reconnection at Former Gravel Mine Locations Jason Nuckols, TNC	<i>Ceratomyxa shasta</i> in the Deschutes River: the effects of fish passage on native and stocked salmonids Matthew Stinson*, OSU	Columbia River Mainstem Fishery Management Using Pre-season Forecasts and Run Size Updates Stuart Ellis, CRITFC	Food web characteristics of an alpine lake in relation to cutthroat trout reintroduction Mike Meeuwig, ODFW	Prespawn mortality in spring Chinook salmon in the upper Willamette River: potential causes and management tactics. Susan Benda*, OSU
11:20 am	Gravel pits and salmonids: recovery, floodplain mining, and restoration Anne Mullan, NOAA	Effects of entrainment and bypass at federal irrigation diversions on ESA-listed steelhead smolts during emigration Will Simpson, USFWS	An evaluation of the utility of PIT-tags to improve forecasting and understanding of age at maturity Steve Haeseker, USFWS	Experimental Analysis of Intra- and Interspecific Competitive Interactions Between Cutthroat Trout and Sculpins in Small Streams Ben Ramirez*, OSU	Seasonal Migrations of Coastal Cutthroat Trout in the Long Tom Watershed Jed Kaul, LTWC
11:40 am	Mining Impacts to Aquatic Habitat in Southwest Oregon Richard Nawa, KSWC	Hydraulic Characteristics of Constructed Fish Passage Structures Joey Howard, NHC	Natural Production Committee Meeting	Population Responses of Cutthroat Trout and Pacific Giant Salamander to Flood Magnitude Stan Gregory, OSU	Growth and migration of juvenile spring Chinook salmon in the Willamette River and major spawning tributaries Luke Whitman, ODFW
12:00 pm	Providing Fish Passage in Oregon- Difficult Problems, Difficult Solutions Ken Loffink, ODFW	Jens Lovtang (CTWS)		Conservation and recovery of wild spring Chinook in the Willamette River Basin Kirk Schroeder, ODFW	

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Technical Sessions, Thursday, 3/1/12, 3:00-5:00 pm					
Time	Aquatic Invasive Species	Fish Passage and Screening	Applied Habitat Restoration	Ocean Renewable Energy	Science and Policy
Room:	Wilder	Sousa	Hellman	Bloch	Joplin / Seeger
Moderator:	Paul Heimowitz, USFWS	Pete Baki, ODFW	Eric Riley, PUR	Ken Holmoka, ODFW Doug Young, USFWS	Jeremiah Osborne-Gowney Sue Marshall, TC
3:00 pm	Economic Risk Associated with the Potential Establishment of Zebra and Quagga Mussels in the Columbia River Basin William Jaeger, NWPCC	Rogue River Restoration – Gold Ray Dam: It’s Impact on Fish and Community through the Years Dan Van Dyke, ODFW	Wolf Creek Overview: How a Strong Collaborative Partnership Paved the Way for Watershed Scale Restoration Scott Lightcap, BLM	The Possible Ecological Effects of Renewable Ocean Energy Development on the US West Coast Greg McMurray, PEV	Trout Unlimited's policy and work on aquatic invasive species in Oregon Tom Wolf, TU
3:20 pm	The mystery of the Chinese mystery snail; a case study of a non-charismatic aquatic invasive species Robyn Draheim, PSU	Impediments to Pacific lamprey spawning migration in the Umatilla River, Oregon Mary Moser, NOAA	Wolf Creek Instream Restoration: The Nuts and Bolts of a Watershed Scale Restoration Project Jeff McEnroe, BLM	Steps to identify, monitor and address potential environmental effects of marine hydrokinetic projects: Reedsport OPT Wave Park Case Study Sharon Kramer, HTHA	Recent Water Quantity and Streamflow Issues in the Oregon Legislature John DeVoe, WWO
3:40 pm	An Aquatic Invasive Species Management Plan for the USDA Forest Service Pacific Northwest Region James Capurso, USFS	Understanding the Impact of a Restored Delta in Upper Klamath Lake, Oregon on Larval Sucker Transport through the Use of a Hydrodynamic and Larval Transport Model Charles Erdman, TNC	Wolf Creek Effectiveness Monitoring: An Innovative, Collaborative Approach Dan Dammann, BLM	Oregon’s marine spatial planning process to address renewable energy development in the territorial sea Caren Braby, ODFW	Oregon Legislative Process and Policy Update Sue Marshall, TC
4:00 pm	Pathway management and regulatory challenges to prevent the transport of AIS via commercial shipping activities Rian Hooff, DEQ	Demographic Analysis of Adult Lost River and Shortnose Suckers in Lake Ewauna, and Use of the Link River Dam Fish Ladder, Oregon 2008 to 2011 Chas Kyger, BOR	Prioritizing Watershed Restoration Actions Using Both Ecological and Socio-economic Criteria Guillermo Giannico, OSU	Making Waves - Engaging Coastal Communities in Wave Energy Development Kaety Hildenbrand, OSU	Legislative Committee Meeting Jeremiah Osbourne-Gowney
4:20 pm	What’s your priority? Considering aquatic invasive species in watershed restoration decision-making Paul Heimowitz, USFWS	Hydroacoustic Evaluation of Juvenile Salmonid Passage at Detroit Dam, 2011 Ida Royer, PNNL	Upper Grande Ronde River Mine Tailings Restoration Project Joe Platz, USFS	Benthic Monitoring for Offshore Renewable Energy Sarah Henkel, OSU	
4:40 pm	Problem-solving through collaboration: - Case studies using art, logic, and negotiation Lisa DeBruyckere, OISC	Oregon Fish Screen Program Pete Baki, ODFW	The Johnson Creek - Willamette River Confluence Salmon Habitat Enhancement Project Robin Jenkinson, JCWC	Wave energy development and gray whales in Oregon: potential risk and mitigation Barbara Lagerquist, OSU	

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Time	Technical Sessions, Friday, 3/2/12, 8:00-10:00 am				
	Salmonid Reintroduction and Recolonization	Big Water Linkages: The Lower River, Estuary, and Marine Habitats	Applied Habitat Restoration	The Beaver's Role in Fish Restoration	Science and Policy
Room:	Williams	Sousa	Hellman	Bloch	O'Neill
Moderator:	Peter Galbreath, CRITFC	Scott Heppell, OSU	Eric Riley, PUR	Charlie Corrarino, ODFW	Jeremiah Osborne-Gowney Sue Marshall, TC
8:00 am	Reintroduction of Anadromous Salmonids - Session Introduction Peter Galbreath, CRITFC	Oregon Coast Aquatic and Marine Partnership Joseph O'Neil, ODFW	Wallowa River/6-Ranch Habitat Restoration Coby Menton, GRMW	Beaver Relocation into Unoccupied Habitat of Southwest Oregon DeWaine Jackson, ODFW	Oregon's Hatchery Accountability Project Bill M. Bakke, NFS
8:20 am	Spring Chinook salmon in the Sandy River after the removal of Marmot Dam Kirk Schroeder, ODFW	White sturgeon – What we know and why we think we know it Ruth Farr, ODFW	Cow Creek Tribe Restores Jordan Creek with Partners Amy Amoroso, CCB	Guidelines for Relocation of Beavers in Oregon: Protocols for "Pre-Owned" Beavers Tim Hiller, ODFW	Tribal Perspectives on Climate Change Paul Lumley, CRITFC
8:40 am	Cooperative science for planning salmonid recolonization in the White Salmon River following their removal of Condit Dam Brady Allen, USGS	Status of white sturgeon in the Columbia River Basin downstream of Bonneville Dam: The moral of the story is, DON'T PANIC Tucker Jones, ODFW	Off-Channel Wetland Complex, Weaving Salmon into Wetland Restoration Joseph Sheahan, ODFW	Managing beavers to improve overwinter habitat for juvenile coho salmon Kim Jones, ODFW	Setting Wise Policies for the Climate of Tomorrow Brian Barr, GI
9:00 am	Hands on Approach to Anadromous Fish Reintroduction in the Deschutes River Basin Michael Gauvin, ODFW	Seasonal and interannual variation in juvenile salmonids and associated fish assemblage in open waters of the lower Columbia River estuary Laurie Weitkamp, NOAA	Tidal Marsh Restoration on Bandon Marsh National Wildlife Refuge Roy Lowe, USFWS	Landowner Tolerances and Incentives for Managing Beaver Impacts in Oregon Mark Needham, OSU	The Attorney General's Environmental Crime Enforcement Initiative Paul Garrahan, ODOJ
9:20 am	Removal of four dams on the Klamath River: what if it happens? Charles Huntington, CBS	Understanding Status and Trends of Pacific Eulachon (<i>Thaleichthys pacificus</i>) Erick Van Dyke, ODFW	Seeking the Magnitude of Net Benefit for Anadromous Fishes From Oregon's Largest Estuary Restoration Project Christopher Claire, ODFW	Landowner Tolerances and Incentives for Managing Beaver Impacts in Oregon (continued) Mark Needham, OSU	Integrating science and policy: Should science "drive" decision-making? Steve Parker, YNF
9:40 am	Colonization of Coho Salmon Above Natural Barrier Falls in Oregon: A History of Supplementation and the Expansion of Coho Salmon Range Above Willamette Falls Todd Alsbury, ODFW	Predicting the success of marine species from ocean conditions Sylvia Yamada, OSU	Habitat Resotoration in Bedrock Dominated System Daniel Jenkins, ODFW	South Umpqua Elk Creek Salmon Restoration Project, Beavers, Restoring Salmon Habitat Stimulating Rural Community Economics Leonard Houston, SURCP	

Technical Sessions, Friday, 3/2/12, 10:20-12:20 am					
Time	Salmonid Reintroduction and Recolonization	Big Water Linkages: The Lower River, Estuary, and Marine Habitats	Applied Habitat Restoration	The Beaver's Role in Fish Restoration	Implications of Wildfire on Native Fishes in the West
Room:	Williams	Sousa	Hellman	Bloch	O'Neill
Moderator:	Peter Galbraeth, CRITFC	Scott Heppell, OSU	Eric Riley, PUR	Charlie Corrarino, ODFW	Rebecca Flitcroft, USFS
10:20 am	Chum salmon broodstock development and prospective reintroduction strategies on the Oregon side of the lower Columbia River Kristen Homel, ODFW	Marine Habitat and Ecology Committee Meeting	The floodplain food web mosaic: a study of its importance to Pacific salmon and steelhead with implications for their restoration Ryan Bellmore, USGS	Understanding Beavers in the Beaver State Jimmy Taylor, USDA	Fire management and native fishes: past, present and future Rebecca Flitcroft, USFS
10:40 am	Coho Reintroduction in the Yakima Basin Dave Fast, YNF		Putting the Kinks Back in Little Butte Creek Brian R. Barr, GI	Results of a long-term study using beaver to restore degraded stream habitat important to steelhead Michael Pollock, NOAA	NetMap's integration within Post Fire Planning (BAER) using a Web Browser Lee Benda, ESI
11:00 am	Coho Reintroduction in the Wenatchee and Methow Basins: Using a Phased Approach to Re-establish Extirpated Populations Cory Kamphaus, YNF		McDowell Creek Habitat Restoration Case Study Eric Andersen, SSWC	Partnering with beaver to restore incised streams in the interior Columbia River basin Chris Jordan, NOAA	NetMap's Use in Pre-Fire Planning Daniel Miller, ESI
11:20 am	Hood River Spring Chinook: Results and Lessons from 20 Years of Reintroduction Ryan Gerstenberger, CTWS	Freshwater Habitat Committee Meeting	Ian Reid, USFS	Beaver Management in the John Day Basin Greg Jackle, ODFW	Predicting post-fire stream temperature in the Wenatchee River basin, Washington Kristina McNyset, OSU
11:40 am	Spring Chinook Reintroduction into the Walla Walla River Basin Brian Mahoney, CTUIR			Panel Discussion	Population vulnerability of bull trout (<i>Salvelinus confluentus</i>) in the Wenatchee River basin, Washington Jeffrey Falke, OSU
12:20 pm	Getting past the dam – A genetic pedigree study of reproductive success in hatchery spring Chinook outplanted above Cougar Dam Jennifer Britt, OSU				Science communication networks: the case of fish and fire Ken Vance-Borland, OSU

Affiliation Acronyms:

BLM = Bureau of Land Management
 BOR = US Bureau of Reclamation
 CC = Confluence Consulting
 CCB = Cow Creek Band of Umpqua Tribe of Indians
 CFS = Cramer Fish Sciences
 CRITFC = Columbia River Intertribal Fish Commission
 CTWS=Confederated Tribes of Warm Springs
 ESI = Earth Systems Institute
 ES = Educational Solutions
 DEQ = Oregon Department of Environmental Quality
 FBP&MP = Friends of Buford Park & Mt. Pisgah
 GI = Geos Institute
 GRMW = Grande Ronde Model Watershed
 HES = Hinrichsen Environmental Services
 HTHA = H. T. Harvey & Associates
 JCWC = Johnson Creek Watershed Council
 KSWC = Klamath Siskiyou Wildlands Center

LTWC = Long Tom Watershed Council
 NFS = Native Fish Society
 NHC = Northwest Hydraulic Consultants
 NOAA = National Oceanic and Atmospheric Administration
 NPT = Nez Perce Tribe
 ODFW = Oregon Department of Fish and Wildlife
 ODOJ = Oregon Department of Justice
 OHRC = Oregon Hatchery Research Center
 OISC = Oregon Invasive Species Council
 OSU = Oregon State University
 PCT = Plum Creek Timber
 PEV = Pacific Energy Ventures
 PGE = Portland General Electric
 PNNL = Battelle Pacific Northwest National Laboratory
 PSMFC = Pacific States Marine Fisheries Commission
 PSU = Portland State University
 PUR = Partners of the Umpqua Rivers
 RDG = River Design Group, Inc.

RTR = Real Time Research
 SSWC = South Santiam Watershed Council
 SURCP = South Umpqua Rural Community Partnership
 TC = Trillium Consulting
 TNC = The Nature Conservancy
 TU = Trout Unlimited
 USFS = U.S. Forest Service
 USFWS = U.S. Fish and Wildlife Service
 USGS = U.S. Geological Survey
 WWO = WaterWatch of Oregon
 YNF = Yakima Nation Fisheries

January 18, 2012 DRAFT