

**Oregon Lakes Association Annual Conference
October 20-21, 2017, Driftwood Shores Inn, Florence Oregon**

Draft Conference Agenda and Highlights

Friday October 20th		
12:00 - 1:00	Registration	
1:00 - 1:10	Theo Dreher , OLA President, Professor of Microbiology, OSU	Welcome and announcements
1:10 - 1:50	Alison Aldous , Senior Freshwater Scientist, The Nature Conservancy	Plenary talk: Groundwater and lakes: ecology, hydrology, and the importance of scale
1:50 - 2:10	James Pearson , Fish Biologist, USFWS, Malheur NWR	Modeling the effects of control efforts on a population of common carp (<i>Cyprinus carpio</i>) in a shallow eutrophic desert lake
2:15 - 2:35	Tamara Wood , Hydrologist, USGS; Sara Eldridge USGS; James Pearson, USFWS	A predictive model for light in Malheur Lake
2:40 - 3:00	Susan Haig , Wildlife Ecologist, USGS	Lake Abert: critical habitat for migratory birds
3:00 - 3:20	Poster viewing break	
3:20-3:30	Wayne Carmichael , OLA Secretary, Professor Emeritus, Wright State University	OLA's Scholarship Program
3:30 - 3:50	Christina Murphy (OLA Scholarship Winner, 2017), Allison Evans, Sherri Johnson and Ivan Arismendi (OSU)	Zooplankton in Upper Willamette River Reservoirs
3:50 - 4:10	Benjamin Clemens , Statewide Lamprey Coordinator, ODFW	Biology, status, and limiting factors of Pacific Lamprey in coastal Oregon, with reference to coastal lakes
4:10 - 4:30	John Spangler District Fish Biologist, ODFW; Jitesh Pattni, ODFW	Life history, habitat requirements, trends in abundance, and fisheries of coastal lakes coho
4:35 - 4:55	Paul Burns , Fisheries Biologist, Suislaw National Forest	Fivemile-Bell : Large Scale Restoration of Watershed Processes on the Central Oregon Coast
5:00 - 7:00	Break	
7:00 - 8:30	Dan Carpenter , Director of the Siuslaw Watershed Council	Free Public Presentation: The Suislaw River and Coastal Lakes Strategic Action Plan for Coho Recovery

Saturday October 21st		
7:30 - 8:30	Breakfast (provided) and registration	
8:30 - 8:40	Theo Dreher , OLA President, Professor of Microbiology, OSU	Welcome and announcements
8:40 - 9:40	Doug Larson , Limnologist and Writer, Portland	Plenary talk: Tracking lake response to relentless human intervention on the central Oregon coast, 1968-2000.
9:40 - 10:00	Gary Galovich , Western Oregon Warmwater Biologist	Warmwater Fisheries in Western Oregon Lakes and Reservoirs
10:00 - 10:15	Poster viewing break	

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Draft Conference Agenda (continued)

Saturday October 21st (continued)		
10:15 - 10:35	Marci Krass , Willamette Riverkeeper; Melissa Newman, Benton Soil and Water Conservation District	Addressing aquatic invasive species through partnerships in the Willamette River Basin
10:35 - 10:55	Arianna Chiapella , PSU, (OLA Scholarship Winner, 2016); Angela Strecker, PSU; Collin Eagles-Smith, USGS	Untouched? Not so much: The factors influencing mercury concentrations in mountain lake food webs
11:00 - 11:20	Rich Miller , PSU	Oregon's Aquatic invaders and Oregon Lake Watch Program
11:25 - 11:45	Jesse Dolin , Stoney River Sinkers	Lead sinkers and fishing: Shouldn't we avoid adding lead to our lakes?
11:45 - 12:00	Theo Dreher , OLA President, Professor of Microbiology, OSU	Wrapup and announcements
12:00 - 1:00	Lunch (provided)	
1:00 - 5:00	Paul Burns , Fisheries Biologist, Suislaw NF	Tour of the Fivemile Bell Watershed

Posters		
	Laura Costadone and Mark Sytsma, PSU	Ecosystem services and management of urban lakes
	Crysta Gantz and Angela Strecker, PSU	How are dispersal and genetic diversity affected by the environmental mosaic of the Columbia Basin Project?
	Stephen Hager , Florence	Inferences from the chemical compositions of the lakes between Glenada and Gardiner, Oregon
	Ron Larson , USFWS, retired	Recent partial recovery of the Lake Abert ecosystem

Friday's Plenary Speaker, Dr. Allison Aldous, freshwater scientist with The Nature Conservancy (TNC), will connect Oregon lakes to the groundwater flow systems that are often important for supporting them, including the dune aquifers that are connected to many coastal lakes. She will talk about how we use that groundwater for municipal, agricultural, and domestic purposes, and how important it is to protect the groundwater supply for lakes and wetlands in addition to using it for our societal needs. She'll also discuss TNC's work with a variety of stakeholders to include groundwater-dependent ecosystems in management and policy decisions that are made regarding our water resources. Dr. Aldous is based in Portland and works across Oregon as well as in Gabon, central Africa. She holds a Ph.D. (2001) from Cornell University in wetland ecology; a M.Sc. (1994) in plant sciences; and a B.Sc. (1989) in biochemistry, both from McGill University in Montréal, Canada.

Saturday's Plenary Speaker: Dr. Doug Larson will present an overview of the historical changes to the lakes of the Oregon Coast from 1968-2000 in response to relentless human intervention. The central coast of Oregon features a chain of rare maritime lakes that wind among towering sand dunes for a distance of about 50 miles, extending from Heceta Head in the north to Coos Bay in the south. Beginning in 1968, Dr. Larson independently photographed these lakes and

their immediate watersheds from an aircraft about once every three years. His purpose was to provide a photo-historic record of lake evolution attributable to both natural and human-related forces. Many of the photos were controversial, revealing the consequences of imprudent and exploitative land-use and recreational development. Doug Larson (Ph.D.) is a Portland limnologist and writer. He has studied lakes, reservoirs and rivers in the Pacific Northwest since 1967, doing much of this work independently. His earlier research focused on environmental factors possibly related to the occurrence of neotenic salamanders in highly saline Devils Lake, North Dakota.

Dan Carpenter, Executive Director of the Siuslaw Watershed Council (SWC), will take center stage for a **free public presentation** to introduce a new collaborative group called the ***Siuslaw Coho Partnership***. Coho are very important to the region as the Siuslaw River and nearby Coastal Lakes once supported one of the largest wild coho runs along the Oregon Coast. Returns of hundreds of thousands of adult salmon each year in the late 1800's were precipitously reduced to less than 1000 during the 1990's, triggering an Endangered Species Act listing. Over the past 150 years habitat conditions have been severely modified and degraded, which is attributed to: clearing of riparian areas; splash dam logging; building of streamside roads; disconnection of floodplains; and ditching, diking and other stream modification for agricultural purposes. The Siuslaw Coho Partnership are local partners, working together to reverse this downward spiral with the goal of improving watershed health for fishes and promoting livable, and economically resilient communities. Dan Carpenter has worked for the SWC since January 2016 and is responsible for program development and direction. Previously, Dan worked as a professional hydrologist for the Forest Service and BLM in Washington, Oregon and Nevada with more than 35 years of experience. He holds a BSc. in Soil Conservation from Washington State University. Dan has managed many restoration projects involving streams and wetlands, including riparian and upland projects designed to protect water quality and beneficial uses and to restore the proper functioning of streams, riparian areas and watersheds.

Paul Burns, fisheries biologist with the Siuslaw National Forest's Reedsport office, will lead a field trip to observe restoration activities in the Fivemile-Bell watershed located upstream of Tahkenitch Lake, about 10 miles south of Florence. Paul has worked for the Forest Service for 25 years as a fishery biologist in Utah and Oregon. He has Bachelor of Science degree from the University of Wisconsin – Stevens Point and a Master of Science degree from the University of Alaska Fairbanks in fisheries management. He is responsible for management of an active watershed restoration program which includes upland, riparian, and instream projects that focus on watershed processes. Over 70 miles of stream restoration has occurred under Paul's guidance since 1995. The aquatics program with partners has been Nationally and Internationally recognized. Currently Paul is the project manager of a multi-partner large whole watershed 10 year restoration project known as Fivemile Bell that includes approximately 4 miles of stream reconstruction and 95 acres of native plant community restoration.