

## CONFERENCE SCHEDULE

DAY 1 WEDNESDAY 3/13				
12:00 PM—1:00 PM	Workshop Registration			The Lodge: Ballroom Lobby
1:00 PM—4:00 PM	<b>CONFERENCE WORKSHOP</b> <i>Open to the public, no cost</i>	<b>Shawn Devlin, Ph.D.</b> Assistant Research Professor, Aquatic Ecology, Flathead Lake Biological Station	Lake Ecology 101: How biology, chem- istry and physics interact to shape how lakes function	The Lodge: Regatta Room
4:00 PM—5:30 PM	Poster Set Up			The Lodge: Regatta Room
4:00 PM—5:30 PM	Exhibitor Set Up			The Lodge: Ballroom Lobby
5:30 PM—7:00 PM	Early Registration			The Lodge: Ballroom Lobby
6:00 PM—7:00 PM	Welcome Reception & Early Registration			<b>Whitefish Performing Arts Center*</b>
7:00 PM—8:30 PM	<b>COMMUNITY PRESENTATION</b> <i>Open to the public, no cost</i>	<b>Erich Peitzsch:</b> Physical Scientist, USGS Northern Rocky Mountain Science Center  <b>Jim Elser, Ph.D.:</b> Director, Flathead Lake Biological Station	A glimpse of fading glaciers: Impacts on life in mountain regions	<b>Whitefish Performing Arts Center*</b>  <i>*These are the only conference events that are not taking place at The Lodge. Shuttle transportation will be provided.</i>
DAY 2 MORNING THURSDAY 3/14				
8:30 AM—9:00 AM	<b>REGISTRATION &amp; CONTINENTAL BREAKFAST</b>		<b>The Lodge: Ballroom Lobby/Ramsey Room</b>	
8:30 AM—6:00 PM	POSTERS OPEN ALL DAY		The Lodge: Regatta Room	
8:30 AM—6:00 PM	EXHIBITS OPEN ALL DAY		The Lodge: Ballroom Lobby	
9:00 AM—9:30 AM	Welcomes by: <b>Mike Koopal:</b> Executive Director, Whitefish Lake Institute <b>John Muhlfeld:</b> Whitefish Mayor <b>Steve Bullock:</b> Governor of Montana (invited)		The Lodge: Viking/Stumptown combined	
9:30 AM—10:15 AM	<b>CONFERENCE KEYNOTE</b> <b>Edward Cameron, Ph.D.</b> <b>Global Climate Strategist</b>	A just and sustainable world: Building low-carbon, climate-resilient and inclusive economies.		The Lodge: Viking/Stumptown combined
<b>10:15 AM—10:30 AM    BREAK   -   The Lodge: Ramsey Room</b>				
PLENARY PRESENTATIONS	<b>MODERATOR</b>  <b>John Muhlfeld:</b> Project Manager & Restoration Hydrologist, River Design Group		The Lodge: Viking/Stumptown combined	
10:30 AM—11:15 AM	<b>Plenary Speaker</b> <b>Jim Elser, Ph.D.</b> Director, Flathead Lake Biological Station	The state of (some) Montana lakes		The Lodge: Viking/Stumptown combined
11:15 AM—12:00 PM	<b>Plenary Speaker</b> <b>Geoffrey Schladow, Ph.D.</b> Professor of Civil and Environmental Engineering Director, Tahoe Environmental Research Center, University of California, Davis	The meaning of lake restoration in the face of climate change: The case of Lake Tahoe		The Lodge: Viking/Stumptown combined
12:00 PM—1:00 PM	<b>LUNCH</b>		<b>The Lodge: Ramsey Room</b>	
12:00 PM—1:00 PM	<b>Lunch Panel: Septic Leachate Update</b>  <b>MODERATOR: Mike Koopal:</b> Executive Director, Whitefish Lake Institute <b>Mark Bostrom:</b> CARDD Administrator, DNRC <b>Kate Cassidy:</b> Registered Sanitarian, Flathead County <b>Lori Curtis:</b> Science & Education Director, Whitefish Lake Institute <b>Ed Lieser:</b> Retired Forester, Flathead National Forest; Past Montana House Representative, District 4		<b>The Lodge: Ramsey Room</b>	

# CONFERENCE SCHEDULE

## DAY 2 AFTERNOON THURSDAY 3/14

### CONCURRENT SESSIONS

SESSION 1A RESEARCH & MANAGEMENT	MODERATOR Tom Bansak Assistant Director, Flathead Lake Biological Station	The Lodge: Stumptown	SESSION 1B LAKE ASSOCIATIONS & CITIZEN SCIENCE	MODERATOR Lori Curtis Science & Education Director, Whitefish Lake Institute	The Lodge: Viking
1:05 PM—1:35 PM	<b>Matt Church, Ph.D.</b> Associate Professor, Aquatic Microbial Ecology, Flathead Lake Biological Station	Variability and dynamics of microbial abundance, diversity, and activity in Flathead Lake	1:05 PM—1:35 PM	<b>Rob Rich</b> Aquatic Programs Coordinator, Swan Valley Connections and <b>Caitlin Mitchell</b> Program Assistant, Blackfoot Challenge	The Blackfoot-Clearwater- Swan AIS partnership: Collaboration across watershed boundaries strengthens regional resilience
1:40 PM—2:10 PM	<b>Michael Suplee, Ph.D.</b> Water Quality Planning Group Leader, Department of Environmental Quality - Standards	Canyon Ferry Lake Numeric Nutrient Criteria Development using a Computer Water Quality Model	1:40 PM—2:10 PM	<b>Dan Handlin</b> Little Bitterroot Lake Association	Changing our world one lake at a time: The Little Bitterroot Lake story
2:15 PM—2:45 PM	<b>Craig Stafford, Ph.D.</b> Biology Professor, University of Montana	Paradox of the Pondweed: Oligotrophication and decreasing winter oxygen concentrations in a shallow reservoir	2:15 PM—2:45 PM	<b>John Babcock</b> Hydrogeologist, Water & Environmental Technologies (WET)	Little Bitterroot Lake Association: 20 years of collaborative science
2:45—3:00 PM BREAK - Ramsey Room					
SESSION 2A RESEARCH & MANAGEMENT	MODERATOR Ryan Richardson Fluvial Geomorphologist, River Design Group	The Lodge: Stumptown	SESSION 2B LAKE ASSOCIATION & CITIZEN SCIENCE	MODERATOR Valerie Kurth, Ph.D. Resource Conservationist, Flathead Conservation District	The Lodge: Viking
3:00 PM—3:30 PM	<b>Mark Lorang, Ph.D.</b> Chief Science Officer, Freshwater Map	The not so flat Flathead Lake	3:00 PM—3:30 PM	<b>Hilary Devlin</b> Outreach & Education Coordinator, <b>Constanza von der Pahlen</b> : Critical Lands Program Director, Flathead Lakers	Citizen science & stewardship actions to protect Flathead Lake and watershed
3:35 PM—4:05 PM	<b>Mark Reller</b> Owner & Operator, Constellation Services	What are you managing?	3:35 PM—4:05 PM	<b>Cynthia Ingelfinger</b> Science & Education Coordinator, Whitefish Lake Institute	Northwest Montana Lakes Volunteer Monitoring Network
4:10 PM—4:40 PM	<b>Shawn Devlin, Ph.D.</b> Assistant Research Professor, Aquatic Ecology, Flathead Lake Biological Station	A tale of two lakes: The similarities, differences, and meaningful trends between Flathead and Whitefish Lake long term datasets	4:10 PM—4:40 PM	<b>Hannah Riedl</b> Watershed Protection Section, Montana Department of Environmental Quality	Montana's new Harmful Algal Bloom (HAB) program: A lesson in communication
5:00 PM—6:00 PM	CONFERENCE SOCIAL AND POSTER SESSION			The Lodge: Regatta Room	
6:00 PM—8:00 PM	CONFERENCE BANQUET AND AWARDS			The Lodge: Ramsey Room	

# CONFERENCE SCHEDULE

DAY 3 MORNING FRIDAY 3/15					
7:30 AM—8:30 AM		CONTINENTAL BREAKFAST		The Lodge: Ramsey Room	
7:30 AM—3:00 PM		POSTERS OPEN		The Lodge: Regatta Room	
7:30 AM—3:00 PM		EXHIBITS OPEN		The Lodge: Ballroom Lobby	
CONCURRENT SESSIONS					
SESSION 3A	MODERATOR	The Lodge: Stumptown	SESSION 3B	MODERATOR	The Lodge: Viking
WATERSHED PROTECTION	Paul McKenzie Lands & Resource Manager, F.H. Stoltze Land & Lumber Co.		EDUCATION & OUTREACH	Eric Sawtelle Science Teacher, Whitefish High School	
8:30 AM—9:00 AM	Kris Tempel Habitat Conservation Biologist, MT Fish, Wildlife & Parks	Protecting watersheds & water quality through conservation easements	8:30 AM—9:00 AM	Terri Nichols Watershed Programs Coordinator, Montana Watershed Coordination Council	Watershed Stories: Highlighting the personal impacts of the watershed approach
9:05 AM—9:40 AM	John Muhlfeld Mayor, City of Whitefish	The Haskill Basin Conservation Easement – Permanent Protection of the City of Whitefish’s Municipal Water Supply	9:05 AM—9:40 AM	Germaine White Retired Information & Education Specialist & AIS Program Manager, Confederated Salish & Kootenai Tribes	Living landscapes: Culture, climate science and education in tribal communities
9:40 AM—10:10 AM	Mike Koopal Executive Director, Whitefish Lake Institute	Collaborative lake management at the local level	9:40 AM—10:10 AM	Nicky Ouellet Flathead Reporter Montana Public Radio	Subsurface: How to speak the science of AIS in a way your neighbor will remember
10:10–10:25 AM BREAK - The Lodge: Ramsey Room					
SESSION 4A	MODERATOR	The Lodge: Stumptown	SESSION 4B	MODERATOR	The Lodge: Viking
AQUATIC INVASIVE SPECIES	Bryce Christiaens Weed District Manager Missoula County Weed District		FISHERIES MANAGEMENT	John Wachsmuth Retired Fisheries Conservation Specialist, Montana Fish, Wildlife & Parks	
10:25M—10:55 AM	Thomas Woolf AIS Bureau Chief, MT Fish, Wildlife & Parks	The expansion of Montana’s AIS program	10:25M—10:55 AM	Clint Muhlfeld, Ph.D. Research Aquatic Ecologist, United States Geological Society	Trout in hot water? Climate vulnerability of native salmonids in the Northern Rockies
11:00 AM—11:30 AM	Carla Belski Community Services Coordinator, City of Whitefish, Parks & Recreation Department	Aquatic invasive species risk management at a local level: The Whitefish AIS Management Program	11:00 AM—11:30 AM	Chris Downs Fisheries Program Manager, Glacier National Park	Hedging bets: Dealing with uncertain outcomes by diversifying management approaches
11:35 AM—12:05 PM	Cody Youngbull, Ph.D. Research Professor, Flathead Lake Biological Station	Automatic detection of aquatic invasive and pathogenic species through their DNA signature	11:35 AM—12:05 PM	Sam Bourret Fisheries Biologist, MT Fish, Wildlife & Parks	How fish otoliths can be used as a forensic tool

## CONFERENCE SCHEDULE

DAY 3 AFTERNOON FRIDAY 3/15					
12:10 PM—1:00 PM		LUNCH		The Lodge: Ramsey Room	
12:10 PM—1:00 PM		Luncheon Keynote  Jeff Mow Superintendent, Glacier National Park		Glacier National Park: Challenges and opportunities during uncertain times  The Lodge: Ramsey Room	
CONCURRENT SESSIONS					
SESSION 5A  POLICY & COMMISSIONS		MODERATOR  Terri Nichols Watershed Programs Coordinator, Montana Watershed Coordination Council		The Lodge: Stumptown	
1:05 PM—1:35 PM		Mark Bostrom CARD D Administrator, Dept. of Natural Resources and Conservation		Forms of organizations: From NGOs to subdivisions of government	
1:40 PM—2:10 PM		Kate Wilson UC3 & FBC Administrator, Montana Department of Natural Resources and Conservation		Protecting the water & natural resources west of the divide: The value of legislatively created commissions	
2:15 PM—2:45 PM		Vicki Watson, Ph.D. Professor Emeritus, University of Montana; Member of the Clark Fork Kootenai River Basins Council		Clark Fork Kootenai River Basins Council: History, mission, makeup, and projects	
2:45 PM—2:50 PM		Closing Comments  Lori Curtis Science & Education Director, Whitefish Lake Institute		2:45 PM—2:50 PM  Closing Comments  Mike Koopal Executive Director, Whitefish Lake Institute	
3:00 PM—4:00 PM		EXHIBIT & POSTER TEAR DOWN			

*Sincere thanks to our Keynote, Plenary, Community, Session, and Poster Presenters, as well as our Session Moderators. We appreciate you sharing your valuable time and expertise with us. Participants from academia, nonprofits, government, businesses, and the public have gathered here to discuss improving Montana's lake and reservoir health through science and monitoring activities, watershed restoration, policy innovation, and collaborative stakeholder involvement.*  
**Thank you for being part of the discussion!**

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