

# At a Glance . . . WTXII Program Agenda



**Tuesday, September 26, 2017**

6:30 Welcome Social

**Wednesday, September 27, 2017**

8:00	Welcoming remarks	Speaker/Moderator
<b>Plenary Session and Panel Discussion</b>		<b>Robert Gresswell</b>
	Searching for sustainability: A legacy of land use, managed grazing, and wild trout in southwestern Wisconsin	Dave Vetrano
	How Trout Anglers Compare to Other Anglers, A Socio-economic Perspective	Ted Mailett
	Imperative actions for wild-trout conservation organizations to combat climate change and increased water demand: unify anglers, support management agencies, and drive water markets	Rob Van Kirk
10:10	Break	
<b>1: Anglers, Stakeholders, and the Socioeconomics of Wild Trout</b>		<b>Jack Rash</b>
10:40	Measuring economic impact of trout angling in the Driftless Area	Duke Welter
11:00	Costs, benefits, and challenges of establishing and maintaining real-time instrumentation that can be used to inform management and educate stakeholders	Melissa Muradian
11:20	Angler attitudes and expectations: Aesthetics versus ecological concerns	Jamie Laatsch
11:40	Stakeholders participation in conservation of Brown Trout stocks in Serbia	Predrag Simonović
12:00	Lunch The Role Yellowstone National Park in the Evolution of Wild Trout Management	Dan Wenk
<b>2: Threats and Management of Stream Habitat: A Look Into The Future</b>		<b>Matt Mitro</b>
1:30	The Southern Appalachian Brook Trout management conundrum: what should restoration look like in the 21st century?	Matt Kulp
1:50	Efficacy of Brook Trout introductions into Virginia streams impacted by a catastrophic climatological event	Steve Owens
2:10	Integrating decision-support and stream temperature modeling for resilience-based salmonid management in a changing climate	Andrew Carlson
2:30	Fracked fish? Effects of unconventional natural gas extraction on wild Brook Trout ( <i>Salvelinus fontinalis</i> )	Christopher Grant
2:50	Use of unmanned aerial vehicles for the inventory and analysis of stream habitat	Michael Strager
3:10	Break	
<b>3: Conservation Genetics and Genomics of Coldwater Fishes: A Tribute to Dr. Tim King</b>		<b>Joanna Griffin</b>
3:40	A tribute to Dr. Tim King: introduction to the special session	Stephen Faulkner
4:00	Genetic structuring of Brook Trout in exurban riverscapes: is it all about the dam barriers?	Lucas Nathan
4:20	Understanding the genetic characteristics of Wild Brook Trout populations in North Carolina thanks to the guidance of Dr. Tim King	David Kazyak
4:40	Metapopulation dynamics, landscape genetics, and the effect of isolation upon neutral genetic and phenotypic variation in southern Appalachian Brook Trout	Casey Weathers
5:00	<b>Poster Session I</b>	
6:30	<b>Dinner</b>	

**Thursday, September 28, 2017**

<b>4: Population Dynamics and Ecology of Wild Trout</b>		<b>Mike Anderson</b>
8:00	Lessons from long-term studies of trout population dynamics	Gary Grossman
8:20	Where did all the trout go? Combining multiple measures of fish movement to gain insights into brook trout population connectivity	Shannon White
8:40	Long-term effectiveness of flow management and fish passage on the Henry's Fork Rainbow Trout population	Bryce Oldemeyer
9:00	Fish movement patterns in the Smith River watershed in central Montana	Michael Lance
9:20	Winter ecology of Westslope Cutthroat Trout ( <i>Onchorhynchus clarki lewisi</i> ) in small headwater streams of southern Alberta	Jeremy Benson
9:40	<b>Break</b>	
10:10	Using statewide survey datasets to support local-scale trout management in Michigan streams	Troy Zorn

<b>5: Native Trout Conservation</b>		<b>Carol LoSapio</b>
10:30	A decadal look at Lake Trout restoration in western Lake Huron	James Johnson
10:50	Cutthroat Trout in saltwater: Spawn timing, migration patterns and abundance of anadromous coastal Cutthroat Trout	James Losee
11:10	Identifying high-value "marginal" Brook Trout populations using a conservation portfolio approach	Shawn Rummel
11:30	Integrating wildfire resiliency and thermal refugia into climate smart conservation for native trout in the southwest	Dan Dauwalter
11:50	<b>Awards Lunch</b>	
1:00	Restoring brown trout in the Vindel River in northern Sweden	Daniel Palm
1:20	A long-term watershed-scale partnership to restore Bull Trout in Sun Creek	Dave Hering
1:40	Utah's North Slope Uinta Colorado River Cutthroat Trout brood: Lessons and progress after 14 years	Bryan Engelbert
2:00	Using Otolith microchemistry to describe the isotopic landscape of the Coeur d'Alene Lake Basin	John Heckel
2:20	Using research and monitoring data to prioritize Native Trout conservation work in the Teton River Watershed	Mike Lien
2:40	<b>Break</b>	
<b>6: Nonnative Fishes and Tools for Native Trout Management</b>		<b>Jason Burckhardt</b>
3:10	Changes in species composition from native Yellowstone cutthroat trout to non-native species: Implications for management and conservation	Robert Al-Chokhachy
3:30	Comparing behaviour and habitat preferences between Arctic Charr and Lake Trout in a mountain lake	Gustav Hellstrom
3:50	Purifying a Yellowstone Cutthroat Trout stream by removing Rainbow Trout and hybrids via electrofishing	Kevin Meyer
4:10	Tiger muskellunge <i>Esox lucius x Esox masquinongy</i> as an effective management tool for reducing abundance of undesirable wild trout populations in high mountain lakes	Jordan Messner
4:30	Survival and reproductive success of YY male Brook Trout stocked in Idaho Streams	Patrick Kennedy
5:00	<b>Poster Session II</b>	
6:30	<b>Dinner</b>	
<b>Friday, September 29, 2017</b>		
8:00	Wild Trout Management in Montana, Director MT FWP	Martha Williams
<b>7: Stream Habitat Management: Traditional and New Approaches</b>		<b>Amy Wolfe</b>
8:20	Who is doing what to trout: Insights from the National Fish Habitat Assessment	Gary Whelan
8:40	Stewardship & restoration on the White River, CO : Legacy and novel restoration techniques	Josh Epstein
9:00	Evaluating trout stream restoration benefits: A case study at Pine Creek, Wisconsin	Kent Johnson
9:20	Response of Wild Brook, Rainbow and Brown Trout populations to physical habitat enhancement projects designed to favor Brook Trout	Kristopher Kuhn
9:40	Brook trout response to strategic wood additions in the East Branch Nulhegan watershed, Vermont	Jud Kratzer
10:00	<b>Break</b>	
<b>8: Disease, Parasites, and the Health of Wild Trout: Should We Be Concerned?</b>		<b>Lorie Stroup</b>
10:30	Impacts of non-native fish pathogens to North Carolina's trout resources and managers	Jacob Rash
10:50	Parasites and the health of wild trout: Should we be concerned about <i>Salmincola edwardsii</i> infecting Brook Trout?	Matthew Mitro
11:10	Genetic variation of the major histocompatibility complex (MHC class II) in correlation with the parasite infection of isolated populations of <i>Salmo trutta</i> inhabiting Scottish Highland Hill Lochs	Toby Landeryou
11:30	Fish air exposure and fight times for various Idaho fisheries	Luciano Chiamonte
11:50	Effects of air exposure on survival and fitness of Yellowstone Cutthroat Trout	Dan Schill
12:10	<b>Closing Remarks</b>	
12:20	<b>Adjourn</b>	
12:30	<b>Lunch</b> Post-symposium debrief and WTXIII Planning. Box lunch provided if you participate! All welcome to attend.	