

MN Lake Superior Watershed Stream Science Symposium II

Day One- Wednesday January 6, 2016

Time	Session	Presenter	Title
8:30	Registration Opens		
9:00	Welcome	John Jereczek, DNR Lake Superior Habitat Coordinator	
9:05	Keynotes	Tom Landwehr, DNR Commissioner, John Stine, MPCA Commissioner, John Jaschke, BWSR Executive Director, Brian Shipley, Canadian Consulate	The Significance of this Symposium
10:30	Break		
10:50	Intro.	Dr. John Pastor, Professor, Department of Biology, UMD	The Forests of the Lake Superior Watershed and Climate Change: In Transition to What and When?
11:35	Intro.	Dr. William Herb, Research Associate, St. Anthony Falls Laboratory UM. Dr. Lucinda Johnson, Associate Director, Center for Water and the Environment, NRRI	Managing climate change in the Superior North Shore Tributaries: Can we maintain the flow?
12:15	Lunch		
1:15	Primary	Dr. Kristen Blann, The Nature Conservancy	Sustaining Healthy Aquatic Ecosystems in a Changing Climate: Understanding ecological relationships with flow
1:35	Primary	Dr. Karen Gran, Assoc. Professor, Department of Geology, UMD	Stream Resiliency in a Changing Climate
1:55	Primary	Dr. Valerie Brady, Natural Resources Research Institute, University of Minnesota Duluth	How much sediment is too much, according to stream macroinvertebrates?
2:15	Primary	Dr. Lucinda Johnson, Associate Director, NRRI	How cold is cold enough? Stream temperatures of Minnesota's North Shore streams today and in the future.
2:35	Break		
3:00	Primary	Dr. Theodore Angradi, EPA	A perspective on forest stream ecosystem services
3:20	Primary	Tom Hollenhorst, EPA	LiDAR Stream Shading Prediction
3:40	Primary	Dr. Kathryn Schreiner, Asst. Professor, Large Lakes Observatory	Carbon Storage and Cycling in Riparian Environments: Considerations for Lake Superior's Watershed
4:00	Wrap-up	Dr. John Downing, Director, Minnesota Sea Grant College Program.	
4:15 - 6:00	Poster Social		

This Symposium was funded in part by the Great Lakes Restoration Initiative (GLRI) and NOAA under Award NA14NOS4190055 provided to the Minnesota Department of Natural Resources for Minnesota's Lake Superior Coastal Program.

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Day Two- Thursday January 7, 2016

Time	Session	Presenter	Title
8:45	Welcome	Paul Sandstrom, LRCD	
9:00	Keynote	Dr. Mark Seeley, University of Minnesota Extension	"Signals of Climate Change in Our Own Measurements"
10:00	Primary	Dr. Chris Ellison, USGS	Duluth Geomorphic Characterization of Streams - Post 2012 Flood
10:20	Primary	Brad Hanson, UMN	Sediment Investigation of Lake Superior Watersheds
10:40	Break		
11:00	Primary	Dr. Danial Isaak, U.S. Forest Service, Rocky Mountain Research Station	Cutting Climate Change Down to Size Through Crowd sourcing, Collaborations, and Better Monitoring and Models
11:20	Primary	Dr. Jessica Kozarek St. Anthony Falls Laboratory University of Minnesota	Removing Roadblocks: Experiments on Culvert Design for Fish Passage
11:40	Primary	Carl Haensel, Minnesota Trout Unlimited	"Trout Unlimited's Conservation Success Index, Land Management and Climate Impacts"
12:00	Primary	Cory Goldsworthy, MNDNR	The Science(s) Behind Managing Stream Fishery Resources
12:20	Lunch		
1:20	Primary	John Sandberg, MPCA	Monitoring and Assessing of Water Quality in Lake Superior Basin Streams
1:40	Primary	Dr. William Bouchard, MPCA	Implementation of a Tiered Aquatic Life Use Framework for Lake Superior Basin Streams
2:00	Primary	Jenny Jaspersen, MPCA	The Surface Water – Groundwater Connection: Amity Creek Watershed
2:20	Primary	Dr. Elizabeth Minor, Professor, Large Lakes Observatory	Interplays of nutrients and light: effects of river & stream inputs in Western Lake Superior during the 2012 flood
2:40	Primary	Dr. Michael Sadowsky, Professor, Department of Soil, Water, and Climate, UMN	Use and evaluation of new genome techniques to understand microbes in waterways
3:00	Break		
3:20	Primary	Dr. Kristofer Rolfhus, Professor Department of Chemistry and Biochemistry University of WI-La Crosse	Mercury in Aquatic Food Webs of National Parks of Western Great Lakes Region
3:40	Primary	Anna Varian, MNDNR	MN DNR Fisheries Easements
4:00	Wrap-up	Brian Fredrickson, MPCA	
4:30	Adjourn		

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