

# MN Lake Superior Watershed Stream Science Symposium

<b>Day One- Tuesday January 7, 2014</b>			
<u>Time</u>	<u>Session</u>	<u>Presenter</u>	<u>Title</u>
8:30	Registration opens		
9:00	Welcome	John Jereczek, DNR	Opening Remarks
9:10	Keynotes	Tom Landwehr, DNR Commissioner John Stine, MPCA Commissioner	The Significance of this Symposium: A Shared Strategic Vision for Future Watershed Health and Management of Minnesota's Lake Superior Tributaries- Research, Management, and
10:00	Intro.	Julie Westerlund, DNR	Minnesota Water Management Framework
10:30	Break		
10:45	Intro.	John Lenczewski, MN Trout Unlimited, Kris Larson, MN Land Trust	The Role of Non-Profits
11:00	Primary	Lee Johnson, USFS	Historic Overview of Logging in the Cross River Watershed: 1895-1925
11:20	Primary	Karen Gran, UMD	Geologic History of Western Lake Superior
11:40	Primary	Faith Fitzpatrick, USGS	Diagnostic Geomorphic Methods for Understanding Future Stream Behavior of Lake Superior Streams – What Have We Learned in
12:00	Lunch		
12:45	Keynote	John Jaschke, BWSR Executive Director	A Shared Strategic Vision for Future Watershed Health and Management of Minnesota's Lake Superior Tributaries- Implementation
1:10	Keynote	Brenda Halter, Superior National Forest Supervisor	Role of the Superior National Forest in Lake Superior Watershed Management
1:35	Primary	Joe Magner, UMN	An Isotopic Approach to North Shore Lake Superior Watershed Management
1:55	Primary	Seth Moore, Grand Portage Department of Biology and Env.	Effects of Climate Change on Watersheds of Grand Portage Indian Reservation; a Case Study in Climate Change Adaptation Planning.
2:15	Primary	Eric Merten, Wartburg College	Large Woody Habitat
2:35	Primary	Josh Blankenheim, DNR	The Status of Migratory Fish Populations in North Shore Streams
2:55	Primary	Marty Rye, USFS	Role of Beaver in Riverine Management
3:15	Break		
3:35	Primary	Deserae Hendrickson, DNR	Are Our Trout Comfortably Cold?
3:55	Primary	Jason Butcher, USFS	Managing Stream Connectivity on the Superior National Forest
4:15	Primary	Brad Hansen, UMN	Cross River Channel Survey: Present Day Effects of Historical Logging Structures
4:35	Wrap-up	Tom Landwehr, DNR	Wrap Up Day One
4:45- 6:00	Poster Social		

This Symposium is funded in part by the Coastal Zone Management Act of 1972, as amended by the NOAA's Office of Ocean and Coastal Resources Management, in conjunction with Minnesota's Lake Superior Coastal Program

# MN Lake Superior Watershed Stream Science Symposium

## Day Two- Wednesday January 8, 2014

Time	Session	Presenter	Title
8:25	Welcome		
		Paul Sandstrom, LRCD	
8:30	Primary	John Nieber, UMN	Effects of Forest Harvesting on Flows in the Cross River; a look with the HMS model
8:50	Primary	Tom Hollenhorst, EPA	Assessing Cumulative Watershed Stressors: Using LIDAR to Assess the Amount of Open Lands and Young Forest Associated with In-Channel Erosion for North Shore Tributaries
9:10	Primary	George Host, NRRI	GIS Landscape and Watershed Stressors
9:30	Primary	Travis Dahl, USACE	Reducing Sediment Loads and Restoring Streams When Nature Controls (Most) of the
9:50	Primary	Titus Seilheimer, WISG	Prioritizing Lake Superior Watersheds Using Forest Disturbance and Landscape Metrics
10:10	Break		
10:30	Primary	Gerald Niemi, NRRI	A Review of Forest Landscape and Riparian Disturbances to Stream Ecosystems
10:50	Primary	Brian Palik, USFS	Hidden Watersheds: Understanding Seasonal Pools in a Landscape Context
11:10	Primary	Kristin Carlson, DNR	Using Zonation, a Value-Based Model, to Prioritize Areas For Watershed Management
11:30	Primary	Stephen Handler, USFS	Climate Change Vulnerability of Forest Ecosystems in Northern Minnesota
11:50	Primary	Mark White, TNC	Forest Restoration and Management in Changing Climate: Implications for Lake
12:10	Lunch		
1:00	Keynote	Mark Seeley, UMN	Climate Trends and Climate Change in Our Own Backyard: A Review
1:45	Primary	Lucinda Johnson, NRRI	Effects of Climate Change on Distribution of Cold Water Fish in North Shore Streams.
2:15	Primary	Karen Gran, UMD	Stream restoration: An evolving practice
2:35	Primary	Henry Eichman, USFS	Economic Aspects of Stream Restoration
2:55	Break		
3:15	Breakout Sessions		Identification and Prioritization of Stressors Impacting Streams
4:15	Panel	Keith Hanson- Clean Water Fund, Norm Moody- LCCMR, Jeff Gunderson- Sea Grant, Amber Westerbur- Coastal Program	Research and Implementation Funding Strategies
4:50	Wrap-up	Julie Westerlund, DNR	
5:00	Adjourn		

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