

**The 2009 New Hampshire Joint Water and Watershed Conference Agenda**  
Friday, November 20, 2009

	<b>GIS</b>	<b>Stormwater</b>	<b>Climate Change</b>	<b>Water Infrastructure</b>	<b>Watershed Management</b>	<b>Land Use/ Land Conservation</b>
<b>Session I</b> (10:10 am – 11:10 am)	(10:10 am – 10:30 am) NH Stressed Basins Project – Overview and Extended Data Uses Rick Chormann & Greg Barker	(10:10 am – 10:40 am) Stormwater Management Strategies for Reduction of Nitrogen and Phosphorus Loading to Surface Waters Rob Roseen	(10:10 am – 10:40 am) The EPA on Climate Change: the “State of Knowledge” and the Office of Water: “Response to Climate Change” Ray Sirois	(10:10 am – 11:10 am) A River Runs Through It...Once Again Deb Loiselle & Steve Landry	(10:10 am – 10:40 am) Nitrogen – The 21 <sup>st</sup> Century Coastal Watershed Challenge William Brown	(10:10 am – 10:40 am) Build-out Analysis and Density Transfer Credits to Manage Growth in the Bow Bog Brook Watershed Craig Tufts
	(10:30 am – 10:50 am) Hydrologic Application of LIDAR Data: Case Study at the UNH Burley-Demeritt Farm Jennifer Campbell & J. Matthew Davis	(10:40 am – 11:10 am) Nutrient Removal Mechanisms in a Cold Climate Gravel Wetland James Houle, Rob Roseen & Kim Farah	(10:40 am – 11:10 am) Greenhouse Gas Emissions from Wastewater Treatment and Biosolids Management Ned Beecher		(10:40 am – 11:10 am) Spatial and Temporal Variability in Nitrogen Concentrations, Export and Retention in the Lamprey River Basin Michelle Daley & Bill McDowell	(10:40 am – 11:10 am) Recreational Trails and Water Quality: Are Recreational Trails Degrading Stream Quality? Ethel Wilkerson
	(10:50 am – 11:10 am) A Tool for Estimating Flood Flow Frequency on Ungaged, Unregulated, Rural Streams in NH Keith Robinson					
<b>Session II</b> (11:30 am - 12:30 pm)	(11:30 am – 12:30 pm) GIS to Google: Sharing Interactive GIS Maps Online Using Google Earth and Google Maps Shane Bradt	(11:30 am – 12:30 pm) Pervious Concrete: When it Rains, It Drains! Jonathan Kuell	(11:30 am – 12:30 pm) The Northeast Climate Impacts Assessments and What it Means to Public Works Ray Sirois & Ryan Wingard	(11:30 am – 12:00 pm) Water Supply Aid in Central NH – An Evaluation of Water System Interconnections Matt Monahan & Rob McCoy	(11:30 am – 12:00 pm) Temperature Regime Characteristics of High-Quality Coldwater NH and MA Streams Jennifer Jacobs & Gary Lemay	(11:30 am – 12:30 pm) DES’s Innovative Permitting and Technical Assistance Initiative: Introduction and Discussion Carolyn Russell
				(12:00 pm – 12:30 pm) Wastewater Nutrient Control William Brown & Peter Atherton	(12:00 pm – 12:30 pm) Identification and Assessment of NH Stream Fish Assemblages David Neils	
<b>Workshop</b> (1:30 pm – 3:30 pm)	(1:30 pm – 3:30 pm) The Habitat Priority Planner: A GIS-Based Tool to Help Focus Financial and Community Resources on Critical Areas Shane Bradt	(1:30 pm – 3:30 pm) Stormwater Management in New Hampshire: What Is and What Should Be Jillian McCarthy	(1:30 pm – 2:30 pm) LID Practices as a Means of Resilience and Short-Term Adaptation to Climate Change Rob Roseen, Tom Ballestero & Iulia Barbu	(1:30 pm – 3:30 pm) Developing a Water Resources Plan for New Hampshire: An Opportunity to Participate in the Planning Process Paul Susca, Sarah Pillsbury & Paul Currier	(1:30 pm – 2:00 pm) Recent Improvements to the U.S. Geological Survey Streamgaging Program Richard Kiah	(1:30 pm – 3:30 pm) Environmental Characteristics Zoning: Let’s Get Ready for Town Meeting 2010 and Beyond! Jack Munn, Tara Bamford, Erica Anderson, Minda Shaheen & Cynthia Copeland
			(2:30 pm – 3:00 pm) Stream Temperature and the Hyporheic Zone – Implications for Stream Protection and Restoration Danna Truslow & Jen Jacobs		(2:00 pm – 2:30 pm) The Other Half of the Protected Instream Flow Pilot Program: Water Management Plans Wayne Ives	
			(3:00 pm – 3:30 pm) Climate Change and Simulated Groundwater Availability in the Seacoast Region of NH Thomas Mack		(2:30 pm – 3:00 pm) Raising the Profile of Watershed Management: Contoocook and North Branch Rivers Management Plan Update Vanessa Bittermann	
					(3:00 pm – 3:30 pm) Shoreland Buffer Protection Analysis and Implementation along the Upper Merrimack River Michele Tremblay, Steve Landry, Matt Monahan & Vanessa Bittermann	

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 Saturday, November 21, 2009

	<b>GIS</b>	<b>Stormwater</b>	<b>Climate Change</b>	<b>Organizational Development</b>	<b>Watershed Management</b>	<b>Land Use/ Land Conservation</b>
<b>Session I</b> (10:10 am – 11:10 am)	10:10 am – 11:10 am GIS on Pennies a Day: GIS Software Everyone Can Afford Shane Bradt	10:10 am – 11:10 am Fond of Our Lawns Julia Peterson, Brian Eisenhauer & Nick Stevenson	10:10 am – 11:10 am LID Practices as a Means of Resilience and Short- Term Adaptation to Climate Change Tom Ballestero	10:10 am – 11:10 am America's Next Top Volunteer Michele Tremblay	10:10 am – 10:40 am The Newfound Watershed Master Plan – Science-based Policy for Environmental Economic Sustainability Boyd Smith	10:10 am – 11:10 am Stream Ecosystems and their Restoration John Magee & Jim MacCartney
					10:40 am – 11:10 am Acton Wakefield Watersheds Alliance Bi- State Watershed Based Management Plan Forrest Bell & Linda Schier	
<b>Session II</b> (11:30 am - 12:30 pm)	11:30 am – 12:30 pm Learning to Google Your Watershed: An Overview of Google Tools for Creating Interactive Maps Shane Bradt	11:30 am – 12:30 pm Stormwater Management in NH: What Is and What Should Be Jillian McCarthy	11:30 am – 12:30 pm Climate Change Adaptation for a NH Coastal Watershed: Identifying Risk and Costs for Culvert Infrastructure Michael Simpson	11:30 am – 12:30 pm Framing the Issue: How Science Leads to Watershed-Friendly Changes in the Law Jared Teutsch	11:30 am – 12:30 pm Merrimack River Watershed Wetland Restoration Strategy Lori Sommer, Peter Walker & Dale Abbott	11:30 am – 12:30 pm The Use of Log Jams in Bank Stabilization Efforts in Colebrook, NH Maeve McBride, Sharon Francis & Adair Mulligan
<b>Workshop</b> (1:30 pm – 3:30 pm)	1:30 pm – 3:30 pm Bringing GPS into Maps: Free Tools to Put Points on the Map Shane Bradt	1:30 pm – 3:30 pm Low Impact Development Applications in NH: From Retrofit Case Studies to Everything You Wanted to Know About Rain Gardens Matthew Lundstead & Steven Roy	1:30 pm – 3:30 pm The NH Climate Action Plan: Opportunities to Preserve and Protect Water Quality and Watersheds Chris Skoglund	1:30 pm – 3:30 pm Designing Stronger Projects & Proposals for Watershed Protection Julia Peterson & Barbara McMillan	1:30 pm – 2:00 pm The Active River Area: A Framework for River Conservation and Restoration Doug Bechtel	1:30 pm – 3:30 pm Protecting Surface Water Through Land Conservation: Why, How, and Whom to Work With Holly Green, Brenda Lind, Eric Masterson & Jeff Winders
					2:00 pm – 3:00 pm NH's New River Management and Hazard Mitigation Approach: Science and Planning for Fluvial Erosion Hazards Sally Soule, Shane Csiki & Julie LaBranche	
					3:00 pm – 3:30 pm Holistic Assessment and Mitigation of the Bacteria-Impaired Furnace Brook Watershed Ken Hickey & Steve Landry	