

New Hampshire
Water & Watershed
 Conference ~2011

- Track 1: Headwaters
- Track 2: Rivers & Streams
- Track 3: Lakes, Wetlands & the Coastal Zone
- Track 4: Water, Wastewater & Stormwater Infrastructure
- Track 5: Groundwater

FRIDAY, MARCH 25 TH <i>From Our Headwaters to the Sea – Living in a Changing Water World</i>					
7:30 - 8:00 am	Display Set-Up — Hartman Union Building				
8:00 - 9:00 am	Registration, Networking, Coffee and Vendors — Hartman Union Building				
9:00 - 9:10 am	Introduction and Welcome to Plymouth State University — Hartman Union Building				
9:10 -10:00 am	Plenary Session: <i>NH's Water Resource & Infrastructure Issues – from the Headwaters to the Sea</i> — Hartman Union Building				
10:00 - 10:30 am	Break, Refreshments and Display Session — Hartman Union Building				
	Track #1	Track #2	Track #3	Track #4	Track #5
Morning Breakouts 10:30 - 12:00 pm	A. A hydrologic response to calcium amendment at Hubbard Brook	B. Assessing wild brook trout populations in NH	C. Cyanobacteria at freshwater beaches	D. Pharmaceuticals and personal care products in the environment	E. Assessment of water levels in bedrock wells in NH
	F. Modification of suburban carbon and nitrogen fluxes by stream channels and floodplains	G. Detailed observations of fish swimming in a turbulent stream environment	H. Newfound watershed – Innovative approaches for sustainable stewardship	I. Water use and the potential stress to the groundwater and surface water systems	J. The rainy day fund – estimating groundwater storage at the catchment scale
	K. Restoring brook trout habitat and minimizing erosion in western Maine streams	L. Stream temperature impacts due to stormwater runoff	M. Ten years of invasive plant management in the Squam Lakes	N. Water usage demographics in NH's community water systems	O. Evaluating recharge sources for bedrock and sand & gravel production wells
12:00 - 1:00 pm	Lunch – Prospect Hall				
1:00 - 1:45 pm	After Lunch Plenary: <i>The Weeks Act and Beyond: Protecting NH's Water Resources – Hartman Union Building</i>				
Afternoon Breakouts 2:00 - 3:30 pm	P. Management of headwaters streams in the White Mountain National Forest	Q. Climate and land use consequences to 100-year flooding in the Lamprey River watershed	R. Optimizing wastewater disposal areas to minimize impact to groundwater supplies	S. Restoring water quality in the Willow Brook watershed through LID retrofits	T. Surface water impacts from groundwater withdrawals
	U. Watershed controls on spatial and temporal variation in headwater stream variation	V. Nitrogen inputs, outputs, retention and concentrations in the Great Bay Estuary	W. The new NH method for wetland evaluation – revised and updated	X. Long Creek – baseline monitoring of water quality and streamflow in an urban watershed	Y. Tomorrow's drinking water: dwindling opportunities for new sources

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- Track 1: Land Use Change**
- Track 2: Local & Regional Strategies**
- Track 3: National & Statewide Strategies**
- Track 4: Skill Building & Water Quality**

SATURDAY, MARCH 26TH ~ *From Our Headwaters to the Sea – Living in a Changing Water World*

8:00 - 9:00 am	Registration, Networking, Coffee and Vendors — <i>Hartman Union Building</i>			
9:00 - 9:10 am	Introduction and Welcome to Second Day of Conference — <i>Hartman Union Building</i>			
9:10 - 10:00 am	Plenary Session: Forests, Water, People, Land Use and Climate Change - Managing the Unavoidable and Avoiding the Unmanageable — <i>Hartman Union Building</i>			
10:00 - 10:20 am	Break, Refreshments and Display Session — <i>Hartman Union Building</i>			
	Track #1	Track #2	Track #3	Track #4
Session I 10:20 - 11:10 am	A. NH's changing landscape: new trends in population & land use patterns, 2010	B. Floodplains and farmlands: a case study in protecting both local economies and native ecosystems	C. Making Instream Flow Protection work: the Lamprey Water Management Plan	D. Cultivating volunteer monitoring in the North Country
		E. Warren Brook floodplain restoration: a partnership based success		
Session II 11:10 - 12:00 pm	F. A Subwatershed approach to developing a management plan for Lake Winnepesaukee	G. Impacts of proposed developments on groundwater: assessment tools for municipalities and planning boards	H. Who owns the water? Exploring how public trust affects NH's lakes and rivers	I. The Student Conservation Association's watershed education project
			J. State water resources planning – with no resources	K. Introduction to social marketing
12:00 - 1:00 pm	Lunch — <i>Prospect Hall</i>			
Session III 1:00 - 2:00 pm	L. Low Impact Development – What it is & why is it important?	M. Fish grow on trees P. Climate change adaptation	N. Land resources management permitting – enhancing the local role	O. Working on salt solutions for NH roads and parking lots
2:00 - 2:30 pm	Break, Networking and Display Session — <i>Hartman Union Building</i>			
Session IV 2:30 - 3:30 pm	Q. Green grass, clear water – is it possible?	R. Development & adoption of a post-construction stormwater management ordinance in New Durham	S. Status Update: 2011 Surface Water and Wetland Legislation and the 2010 Legislative Water Study Commissions	T. Groundwater quality of New England crystalline bedrock aquifers
		U. The Southeast Watershed Alliance – building intermunicipal cooperation to improve water quality	V. Is there life after residual designation authority?	W. The Ore Hill Mine: partnering on water quality monitoring and exploring hydrologic research