

Water Conference at a Glance - April 7, 2011

8:15-9:00	Registration and Continental Breakfast (Concourse, 1st Floor Campus Center)		
9:00-9:30	Opening Plenary: The State of Water Resources and Research Needs (Auditorium) <i>The University Perspective</i> - Rick Palmer, Professor and Department Head, Dept. of Civil and Environmental Engineering, UMass Amherst <i>The Massachusetts Perspective</i> - Vandana Rao, Assistant Director for Water Policy, Mass. Executive Office of Energy/Environmental Affairs <i>The Regional Perspective</i> - Jessica Cajigas, Director, Water Resources Protection, New England Interstate Water Pollution Control Commission		
9:30-10:15	Keynote : Water Resources Planning in a Changing World (Auditorium) Richard Vogel , Professor, Civil and Environmental Engineering and Director, Water: Systems, Science and Society Program, Tufts University		
10:15-10:30	<i>Break</i>		
	A TRACK - ROOM ____	B TRACK - ROOM ____	C TRACK - ROOM ____
	SESSION A1	SESSION B1	SESSION C1
10:30-11:45	CLIMATE CHANGE AND STREAM CROSSINGS IN THE NORTHEAST	MONITORING AND DETECTING HARMFUL ALGAL BLOOMS	NUTRIENTS MANAGEMENT IN WATER
	Lambert: Climate change, fluvial processes, and stream morphology	Haney: The ecology of toxic cyanobacteria and their potential impact on lakes and human health	Mattson: Nutrient criteria for freshwaters
	Jackson: Importance of organism movement in stream ecosystems	Faber: The use of real-time monitoring to help track cyanobacteria blooms and water quality conditions at two locations in the Boston area	Groff: Charles River nutrient TMDL
	Nyman: Climate change and stream crossing structure design	Yandell: Massachusetts Department of Public Health statewide surveillance of health concerns and toxic algae blooms project	Sorenson: High-efficiency street-cleaning program
11:45-12:45	Poster Presentations (Auditorium)		
12:45-1:45	Lunch and Student Poster Awards (10th Floor)		
	SESSION A2	SESSION B2	SESSION C2
1:50-3:05	CLIMATE CHANGE ADAPTATION IMPLEMENTATION STRATEGIES	FISH PASSAGE AND STREAM CONTINUITY	FINDINGS OF THE CONNECTICUT RIVER TARGETED WATERSHED INITIATIVE
	Simpson: Adapting to land use and climate change	Quinn: The Upper Pawcatuck River in Rhode Island: A unique approach to fish passage	Curtis/Schoen: Rapid response water quality monitoring and project website
	Tuler: Integration of local planners' and scientists' knowledge of consequences, vulnerabilities, and adaptation strategies to climate change related hazards	Castro-Santos: Barriers to movement of migratory fish: Lessons from the American shad	McPhee/McCrory: Riverbank erosion control and riparian buffers
	Nislow/Letcher: Response of cold water fish to climate change	Brush: Two factors that deserve more attention to be successful in anadromous fish restoration programs	Capra/McPhee/McCrory: Smart growth tools to protect public water supplies/Low impact tools for agricultural runoff
3:05-3:20	<i>Break</i>		
	SESSION A3	Session B3	SESSION C3
3:20-5:00	CLIMATE CHANGE ADAPTATION AND DECISION MAKING	TOOLS FOR WATER MANAGEMENT IN THE CONNECTICUT RIVER BASIN	STORMWATER AND LOW IMPACT DEVELOPMENT
	Susskind: Role-play simulations as a tool for increasing public understanding of climate change risk	Hatfield: Innovative partnerships	Jeray: Blue roofs for CSO Mitigation
	Dutta-Koehler: Preserving coastal environments - Implications for climate-adaptation planning and policy	Marks: Establishing ecological targets for water management	Urrfer: LID and climate change in urban areas
	Schenk: Using scenario exercises to better understand decision maker behavior in the face of climate change	Archfield: Developing unimpaired flows for the Connecticut River	Sleegeers: Infiltration landscapes along urban streets - a comparative review of aesthetic values and utility objectives
	van Maasackers: Building consensus on time: Climate change as a potential barrier to collaborative river basin planning	Palmer: Interactive planning models that translate conflicts into real solutions	Martin: Sharon, Mass.: Water master planning - A new perspective
5:00	Conference Adjourns		