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) ***The University Perspective*** - Rick Palmer**,** Professor and Department Head, Dept. of Civil and Environmental Engineering, UMass Amherst ***The Massachusetts Perspective*** - Vandana Rao, Assistant Director for Water Policy, Mass. Executive Office of Energy/Environmental Affairs ***The Regional Perspective*** - 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	*Break*		
	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	*Break*		
	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	**Urffer:** 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	**Sleegers:** Infiltration landscapes along urban streets - a comparative review of aesthetic values and utility objectives
	van Maasakkers: 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**		