NEWRnet Policy Makers Workshop

Human Behavior, Sensor Networks and Water Quality
Three State "Virtual" Conference

Date: January 18, 2017

Goal: To engage policy and management stakeholders in the states of DE, RI and VT in discussions regarding the use of watershed sensor data and results of social dynamics experimental games and models as "actionable science."

Objectives:

- Create a space for stakeholders across all three states to learn about and consider the roles that sensor data, results of experimental games, and learning outcomes associated with the experimental games can play in setting and implementing policy, and managing water resources.
- Generate a series of conclusions or recommendations to be drawn from these results that can contribute to effective watershed management.

Who: NEWRnet researchers and key stakeholders from each state.
When: January 18, 2017
How: A one day workshop concurrently taking place in all three states. Video links between the three states will be used for "plenary" discussions and presentations in the morning.

Agenda

	8:30 a.m.	to	9:00 a.m.	Registration
Tri-State	9:00 am	to	9:15 am	Welcomes and Introductions • Judy Van Houten, Director, VT EPSCoR; NEWRnet PI
Tri-State	9:15 am	to	10:00 am	Water quality issue impacting the three states, Reports from the field: • Neil Kamman, Program Manager, Monitoring, Assessment and Planning Program, Vermont Agency of Natural Resources • John Schneider, Watershed Assessment & Management Section, Delaware Department of Natural Resources and Environmental Control • Elizabeth Scott, Division of Water Resources, Deputy Chief, Surface Water Protection, Rhode Island Department of Environmental Management
Tri-State	10:00 am	to	11:30 am	NEWRnet Presentations: **Overview of Sensor Network and Findings** • Andrew Schroth, Assistant Professor, University of Vermont **Lab Experiments** • Emi Uchida, Associate Professor, University of Rhode Island

				Field Experiments and Randomized Controlled Trials • Kent Messer, Professor, University of Delaware and **Agent Based Modeling and Scenario Planning** • Asim Zia, Associate Professor, University of Vermont
Tri-State	11:30 am	to	12:15 pm	Open discussion: Critical questions needing to be asked about human behavior, sensors, and water quality
Single State	12:15 pm	to	12:45 pm	Lunch
Single State	12:45 pm	to	2:30 pm	Considering Synergies within our Own States Identify operational, tactical and strategic implications from existing experiments, scenarios and/or sensor results
Tri State	2:30 pm	to	3:30 pm	Report outs: Major take-aways from the day; interesting discussions had; possibilities for further work together. General discussion: Potential for future uses of sensors, human behavior and simulation models in policy making?