



2015 SPRING EWRE SEMINAR



ELAB 304, FRIDAYS 12:20-1:10PM



January 23

The Airborne Imaging Multispectral Sensor (AIMS) Program: A Program for Cost-effective Remote Sensing Technology Development and Natural Resource Applications
Thomas Millette, Professor of Geography, Mount Holyoke College



January 30

Assessment of Best Management Practices (BMPs) for Controlling Stormwater Discharge Quality
Paul Mathisen, Associate Professor of CEE, Worcester Polytechnique Institute



February 6

Modeling Nutrient and Sediment Loads to the Wachusett Reservoir using Flux32 and MapShed
Daniel Crocker, Environmental Analyst, MassDCR



February 13

Optimizing Nutrient Control Strategies for Three NH Coastal Communities: Integrated Watershed Planning for Stormwater, Non-Point Source, and Wastewater Controls
Robert M. Roseen, Senior Water Resources Engineer, Geosyntec



February 20

Rubbish, Stink and Death in the Developing World: Déjà Vu All Over Again
Steven Chapra, Professor of CEE, Tufts University



February 27

Innovative Methods for Monitoring Phosphorus and Aquatic Plants in the Assabet River, Massachusetts
Marc Zimmerman, Hydrologist, USGS



March 6

A Regional Approach to Cyanobacteria Monitoring and Management
Hilary Snook, Senior Scientist, USEPA Regional Laboratory



March 13

Planning, Designing, and Operating Transportation BMPs
Henry Barbaro, Stormwater Management Unit Supervisor, Mass DOT

March 27: Students' Seminar



April 3

Potable Reuse: Regulations, Treatment Technology, and Case Studies
James Crook, Environmental Engineering Consultant



April 10

Nanoparticle Interactions with Model Cell Membranes in Environmental Conditions
Terri Anne Camesano, Professor of Chemical Engr., WPI



April 16 (Thursday at 1 pm, Marston 220)

Keys to Successful Dam Removal and River Restoration Projects
Amy Singler, Associate Director, American Rivers



April 24 (2:30 pm, Marston 132)

Remote Sensing Adds Value from Global to Local Water Resource Issues
Shawana Johnson, President, Global Marketing Insights, Inc.