

ACADEMICS

ADMISSIONS & AID

CAMPUS LIFE

ATHLETICS

ABOUT THE UNIVERSITY

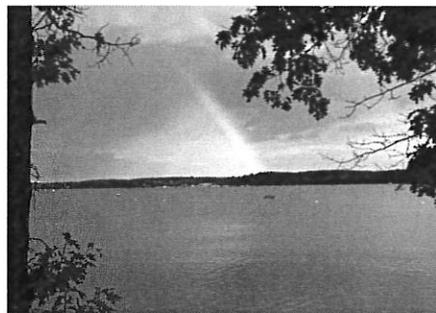
ALUMNI

- Home
- About CFE
- CFE People
- Projects
- Education & Outreach
- MS in Environmental Science & Policy
- 2016 NH Water & Watershed Conference
 - 2016 NH Water & Watersheds Conference Agenda
 - 2016 NHWWC Registration
 - Directions and Parking
 - Sponsor and Vendor Information
- Previous NH Water & Watershed Conferences
- Hubbard Brook Research Experience for Undergraduates
- News and Events
- Past Conferences
- CFE Forms

Center for the Environment 2016 NH Water & Watershed Conference 2016 NH Water & Watersheds Conference Agenda

Center for the Environment

2016 NH Water & Watersheds Conference Agenda



We hope you will join us for the 2016 NH Water & Watershed Conference on March 18, 2016 at Plymouth State University. Below is the tentative agenda. There will likely be changes to the order of talks and timeline.

Upon request, conference attendees will be given a "Certificate of Attendance" at the

end of the conference that can be used to coordinate CEUs. Due to the interdisciplinary nature of the conference, we ask attendees to work with their specific licensing board for credits.

8:00 am: Registration

8:30 am – 9:30 am: Welcome & Plenary Talk

- Welcome – Donald Bix, President, Plymouth State University
- Plenary Talk – Resilience of New Hampshire’s Hydrology to Forest Harvesting – Mark Green, Associate Professor of Hydrology, Center for the Environment, Plymouth State University and Research Hydrologist, Northern Research Station, U.S. Forest Service

9:30 am – 10:00 am: Break & Poster Session

10:00 am – 12:00 pm: Morning Talks

Stormwater Management and MS4 Permits Chair: Dave Cedarholm

- Watershed-Based Stormwater Compliance for New Hampshire MS4 Communities – David Cedarholm and Emily Scerbo
- Regulated Municipalities Want Clean Water Too – Barbara McMillan
- BMP Optimization for Cost Reductions in Municipal Stormwater Permitting – Robert Roseen and Nigel Pickering

CONTACT US

Center for the Environment
Plymouth State University
 Samuel Read Hall Building,
 2nd Floor
 MSC #63, 17 High Street
 Plymouth, NH 03264
psu-cfe@plymouth.edu

phone (603) 535-3179
 fax (603) 535-3004

STUDENT BLOG

MS in Environmental Science & Policy Student Blog

- Performance evaluation of two undersized retrofit stormwater control measures. – James Houle

Floods and Flood Hazards Chairs: Shane Csiki and Richard Kiah

- Wood in Rivers: Flood Hazard Risk or Hazard Reduction Tool? – John Field
- Suncook River – Providing Resiliency to the Stream Channel Profile following a 100-year Flood Event – Nick Nelson and Steve Landry
- Flood Hazards, Assessment and Analysis in NH: Impacts, Results and Prospects – Shane Csiki and Ashley Inzerillo
- Flood-Inundation Mapping Science – Gardner Bent

Water and Infrastructure Chair: Brian Goetz

- Drought Assessment and Response in New Hampshire – Brandon Kernen, PG, NH DES
- Utilizing local grass roots interest to identify impacts to aquatic resources from road stream crossings at the watershed level – Ben Nugent
- Modeling the Effects of Climate Change and Sea-Level Rise on Groundwater Levels and the Implications for Road Infrastructure in Coastal New Hampshire – Jayne Knott
- Groundwater Level Monitoring Plan for Protecting Public Water Resources from Prolonged Droughts – Jeffrey Marts



Modeling New Hampshire's Water and Watersheds Chair: Shannon Rogers

- Linking field measurements and numerical modeling to understand fluvial transport processes and nitrate retention in the Suncook River, NH – Meghan Arpino
- Natural vs. Anthropogenic Aquatic Infrastructure: How ecosystem services of DIN removal interact with wastewater treatment in the northeast US – Rob Stewart
- The role of river networks in regulating fecal coliform – Tao Huang
- Chloride impairment of the Merrimack River through 2100: the interactive roles of climate, development, and management – Shan Zuidema

Measuring and Modeling New Hampshire's Water and Watersheds Chair: Michelle Shattuck

- 2016 USGS Northeast Stream Quality Assessment – James Coles
- Attached algae as an indicator of water quality: a study of the viability of genomic taxonomic methods – Allison Wood
- Nitrogen Retention within Wetland-Dominated Stream Reaches in New England – Anne Lightbody and Sophie Wilderotter
- Non-Point Nitrogen Sources and Transport in the Great Bay Watershed – Michelle Shattuck

12:00 – 12:45 pm: Poster Session & Lunch

12:45 – 2:15 pm: Afternoon Talks

Local Knowledge/Local Communities Chair: Judy Tumosa

- Exploring the Local Ecological Knowledge of Surfers in Maine and New Hampshire – Sophia Scott
- Investing in forestland conservation and management for water services – Marcy Lyman and Spencer Meyer
- Water and Watershed Actions in the 2015 NH Wildlife Action Plan – Loren Valliere



Watershed Planning & Management for Regulatory Compliance Chair: Barbara McMillan

- Piscataqua Region Environmental Planning Assessment: Where Does Your Community Fit? – Abigail Gronberg
- Great Bay Pollutant Tracking and Accounting Pilot Project (PTAPP) – Sally Soule and James Houle
- Permeable Reactive Barriers for Reduction of Nitrate Discharge from Septic Systems – Preliminary Results from a Great Bay Pilot Study – Danna Truslow, PG and Mark Kelley, PE

Water Ecosystem Services and the Value of New Hampshire's Water? Chair: Allison Watts

- Exploring approaches to assessing natural capital's role in environmental decision making—Insights from stakeholder engaged watershed case studies in New England – Shannon Rogers
- A novel deliberative multicriteria evaluation approach to ecosystem services valuation – Mark Borsuk and Georgia Mavrommati
- Ecosystem service valuation at regional scales using a coupled terrestrial and aquatic biogeochemical model – Nihar Samal

Water and People Chair: Joe Boyer

- Making a River Segment Family and People Friendly: A Case Study of the Pemi River in the Plymouth Region – Kenneth Evans, Larry Spencer, Patrick Hummel
- Water Trails – Lelia Mellen, National Park Service
- Milfoil Management in the Squam Lakes: Tentative Success in a 15 Year Battle – Rebecca Hanson

Measuring and Modeling New Hampshire's Water and Watersheds Chair: Mark Green

- Why Ice Storms Aren't Cool: New Research at the Hubbard Brook Experimental Forest – Lindsey Rustad
- Where do forests end and streams begin? Intermittent streams in New Hampshire – Scott Bailey
- A spatiotemporal study on urban development in New England watersheds – Megan Corbiere

2:15 – 2:30 pm: Break

2:30 – 4:00 pm: Water and Tourism in New Hampshire Panel Discussion – Moderator: Paul Susca



Panelists:

- E.B. James of Squam Lakes Association
- Rusty McLear of Mill Falls at the Lake
- Adam Keul of Plymouth State University
- Roger Stephenson of Stephenson Strategic Communications
- Kris Blomback of Pat's Peak Ski Area

Throughout the Day:

Posters on New Hampshire Water Topics – Chair: Carolyn Greenough

- Plastic Marine Debris: A Novel Pathway for Mercury Contamination of Seafood? – Sasha Adkins
- The Social Indicator Project: Integrating Social Science into Ecosystem Management for New Hampshire's Estuaries – Simone Barley-Greenfield & Jill Farrell
- Reaching Out to Landowners and Communities in the Merrimack River Watershed – Karen Bennett & Alicia Carlson
- Understanding Storm Event Nitrate Export in Different Land Uses – Christopher Cook
- An Algorithm for Analyzing Streamwater Specific Conductance Time Series – Daniel Demers
- High-Flow Transport of Metals Downstream of Ore Hill Mine, Warren, NH – Brittani Doran
- Monitoring Strategies for Characterizing Streamwater Inorganic Monomeric Aluminum – Carly Ellis
- Quantifying Morphological Location of hsp70 Stress Protein Expression in Mayflies – Roy Fruit
- Lotic Nutrient Loading to the Moultonborough Bay, Lake Winnepesaukee – Cory Gucwa
- Northern NH Snow Records from 1930 to 2015 – Marina Plopeanu & G.L.D. Murray



Resources for:

- Future Students
- Parents & Families
- Community
- Alumni & Friends

Quick Links

- Undergraduate Programs
- Graduate Programs
- Online Programs
- Academic Departments
- Departments & Services

Stay Connected with PSU



Current Weather in Plymouth

Clear. Temperature: 3; Wind: W at 7; Conditions as of Fri Feb 12 at 09:00 AM EST courtesy of The PSU Weather Center

[Events Calendar](#)

[News](#)

[Global PSU](#)

[Diversity](#)

[Sustainability](#)

[Student Consumer
Information](#)

[Emergency Information](#)

[Title IX & Sexual Assault /
Harassment](#)

[Employment](#)

[Contact](#)

[myPlymouth](#)

ACADEMICS ADMISSIONS & AID CAMPUS LIFE ATHLETICS ABOUT THE UNIVERSITY ALUMNI

- [Home](#)
- [About CFE](#)
- [CFE People](#)
- [Projects](#)
- [Education & Outreach](#)
- [MS in Environmental Science & Policy](#)
- [2016 NH Water & Watershed Conference](#)
 - [2016 NH Water & Watersheds Conference Agenda](#)
 - [2016 NHWWC Registration](#)
 - [Directions and Parking](#)
 - [Sponsor and Vendor Information](#)
- [Previous NH Water & Watershed Conferences](#)
- [Hubbard Brook Research Experience for Undergraduates](#)
- [News and Events](#)
- [Past Conferences](#)
- [CFE Forms](#)

[Center for the Environment](#) [2016 NH Water & Watershed Conference](#) [2016 NHWWC Registration](#)

Center for the Environment

2016 NHWWC Registration

Thank you for your interest in attending the March 18, 2016 NH Water & Watershed Conference! Registration is now open! Please register soon as space is limited and every year we reach our capacity.



Registration cost is \$50, or \$30 for students. This fee covers all talks and lunch.



Please select the appropriate registration page:

- [General Registration \(for Attendees not Speaking or Presenting a Poster\)](#)
- [Registration for Speakers & Poster Presenters](#)
- [Registration for Sponsors and Vendors](#)

If you have questions regarding the online registration, please contact Tamara Mahoney at tmahoney@plymouth.edu.

CONTACT US

Center for the Environment
 Plymouth State University
 Samuel Read Hall Building,
 2nd Floor
 MSC #63, 17 High Street
 Plymouth, NH 03264
psu-cfe@plymouth.edu

phone (603) 535-3179
 fax (603) 535-3004

STUDENT BLOG

MS in Environmental Science & Policy Student Blog



Resources for:

- [Future Students](#)
- [Parents & Families](#)
- [Community](#)
- [Alumni & Friends](#)

Events Calendar

[News](#)

[Global PSU](#)

[Diversity](#)

[Sustainability](#)

[Student Consumer Information](#)

[Emergency Information](#)

[Title IX & Sexual Assault / Harassment](#)

[Employment](#)

[Contact](#)

[myPlymouth](#)

Quick Links

[Undergraduate Programs](#)

[Graduate Programs](#)

[Online Programs](#)

[Academic Departments](#)

[Departments & Services](#)

Stay Connected with PSU



Current Weather in Plymouth

Clear. **Temperature:** 3; **Wind:** W at 7; Conditions as of Fri Feb 12 at 09:00 AM EST courtesy of *The PSU Weather Center*

[Privacy Policy](#)

Plymouth State University, 17 High Street, Plymouth, New Hampshire, 03264-1595. Main Switchboard: (603) 535-5000.

A member of the University System of New Hampshire. © 2006-2016. All rights Reserved.