

Coastal New Hampshire Climate Summit Agenda

Science to Support Action

June 19, 2015 8:00 am to 4:30 pm

Hugh Gregg Coastal Conservation Center 89 Depot Road, Greenland, NH

A collaborative forum among scientists, natural resource agencies, municipal leaders, planners, watershed organizations, and citizens concerned about the impacts of climate change in coastal NH. The goals of the Summit are to:

- Inform participants of current local climate change research and climate adaptation efforts,
- Identify needs and gaps in current climate knowledge and adaptation/mitigation efforts, and
- Foster and facilitate collaboration on current and future climate work.

- 7:30 Registration and Networking – coffee and light fare
- 8:20 Call to Order
- 8:30 Welcome and Charge
Cory Riley, Great Bay National Estuarine Research Reserve
- 8:35 Today's Logistics
Steve Miller, Great Bay National Estuarine Research Reserve
- 8:40 New Hampshire Coastal Risks and Hazards Commission
Chair Cliff Sinnott, Rockingham Planning Commission
Senator Nancy Stiles District 24 and Senator David Watters District 04
- 9:00 Keynote: *Capitalizing on Blue Carbon: New Guidance and Tools for Coastal Managers and Policymakers*
Tonna-Marie Surgeon-Rogers,
Waquoit Bay National Estuarine Research Reserve
- 9:45 *What can our salt marshes tell us about climate change and sea level rise?*
Dr. David Burdick, University of New Hampshire
- 10:00 *Results of NH SLAMM Modeling*
Katie Callahan, NH Fish and Game Department
- 10:15 Coffee and Networking
- 10:45 *Setting Priorities for Nature-based Solutions*
Hande Caliskan-McCaw, PE GZA GeoEnvironmental, Inc.
- 11:00 *The NH Coastal Viewer: Customizable Risks and Hazards Information*
Fay Rubin, NH GRANIT and Kirsten Howard, NH Coastal Program
- 11:15 *Piscataqua Region Environmental Planning Assessment:
Where does my town fit in the region's efforts on climate change?*
Jill Farrell and Abigail Gronberg, Piscataqua Region Estuaries Partnership

- 11:30 *Alternative Climate and Land Cover Scenarios for Coastal NH and Potential Impacts on Ecosystem Services*
Dr. Cameron Wake, University of New Hampshire
- 11:45 *NH Shoreline Change Analysis*
Neil Olson, NH Geological Survey
- 12:00 Lunch and Networking
- 1:00 *Sustaining Champions of Climate Adaptation in Coastal Communities: A Northern New England Study*
Alexandra Philip, NH Sea Grant Doyle Fellow
- 1:15 NHCWA Climate Champion 2015 Award
Presented by Sherry Godlewski and Steve Miller
NH Coastal Adaptation Workgroup Co-Chairs
- 1:30 *Soak Up the Rain: Building Resilient Landscapes at the Grass Roots*
Jillian McCarthy, NH Department of Environmental Services
- 1:45 *Tides to Storms: Vulnerability Assessment of NH's Coast*
Julie LaBranche, Rockingham Planning Commission
- 2:00 *Simulating Hydrologic Response to Climate Change Scenarios in four selected Watersheds of NH*
David Bjerklie, U.S. Geological Survey
- 2:15 *Assessment of Flooded Pavements*
Dr. Jo Sias Daniel, Ph.D., P.E. University of New Hampshire
- 2:30 Coffee and Networking
- 3:00 *The Solar Panel – Overcoming Challenges to Using Solar Energy In Agencies, Municipalities, and Communities*
Host: Sherry Godlewski, NH Department of Environmental Services
Panelists:
Clay Mitchell, Esq PhD, Lecturer Natural Resources & the Environment
University of New Hampshire
Joseph Harrison, Director of Clean Energy Finance
NH Community Development Finance Authority
Andrew Kellar, Founder
NhSolarGarden
- 4:00 Recap, Challenge and Evaluation
Cory Riley, Great Bay National Estuarine Research Reserve
- 4:15 Adjourn and Networking