Agenda

Coastal New Hampshire Climate Summit The Many Faces of Adaptation

May 13, 2016 8:30 am to 3:30 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
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- 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.

7:45	Registration and Networking – coffee and light breakfast fare
8:25	Call to Order
8:30	Welcome and Charge Cory Riley, Manager GBNERR
8:40	Overview of Agenda Steve Miller, NHCAW
8:45	Words from our Elected Officials
9:00	Keynote Speaker The Living Shoreline Approach as an Alternative to Shoreline Hardening: Using Science to Inform Coastal Management Policy Rachel Gittman, Ph.D., Postdoctoral Research Associate, Northeastern University

Session 1: Where We Stand

9:45	Sea Level Rise: What's Happening with the Polar Ice Sheets and Warming Global Temperature?			
	Cameron Wake, Ph.D., Research Associate Professor, University of New Hampshire			
10:00	New Hampshire's Armor: What Does the State's Shoreline Actually Look Like? Hannah Blondin, NHDES Coastal Program			
10:15	Update on the NH Coastal Risks and Hazards Commission Peter C. Kinner, Greenland Representative, NHCRHC			
10:30	Climate Change in the NH Wildlife Action Plan Emily Preston, Wildlife Biologist, New Hampshire Fish and Game			
10:45	Coffee and Networking			

Session 2: The Built Environment

11:15	Tides to Storms: A Coastal Vulnerability Assessment Julie LaBranche, Senior Planner, Rockingham Planning Commission
11:30	Modeling the Effects of Sea-Level Rise on Groundwater Levels in Coastal New Hampshire Jayne Knott, Ph.D. Candidate, Civil and Environmental Engineering Department, UNH
11:45	Collaborative Research on Changing New England Winters Impacts on Low Volume Roads Jennifer M. Jacobs, Ph.D., Professor of Civil and Environmental Engineering, UNH
12:00	Addressing a Perched, Flood-Prone Crossing for Coastal Resilience in Newmarket Pete Steckler, GIS & Conservation Project Manager, The Nature Conservancy
Special Se	essions: Recognition, Refreshment and Reflection
12:15	NHCAW Climate Champion Award Chris Keeley, UNH Cooperative Extension / NH Sea Grant
12:30	Lunch and Networking
1:30	Fisheries and Climate Change in the Gulf of Maine: Challenges and Opportunities for Fishing Communities Erik Chapman, Ph.D., Fisheries Specialist, UNH Cooperative Extension / NH Sea Grant
Session 3	: Action Where It Counts
2:00	The Business Case for Resilience: Highlights from the NH Weathering Change Business Forum Roger Stephenson, Stephenson Strategic Communications
2:15	Why the Community Rating System is Important for Resilience as Communities Prepare for Climate Change Kim Reed, CFM, Planning & Zoning Administrator, Town of Rye
2:30	Restoring Natural Dunes and Protecting People: Community Based Sand Dune Restoration in Hampton and Seabrook Alyson Eberhardt, Coastal Ecosystems Specialist, UNH Cooperative Extension / NH Sea Grant
2:45	The Use of Sea Level Rise Projections in Dover's Waterfront Redevelopment Steve Bird, City Planner, City of Dover
3:00	Recap, Challenge and Evaluation Cory Riley, Manager GBNERR
3:15	Adjourn and Networking