

Municipalities Rising to the Climate Challenge

Research and Experience Leading to Action

June 20, 2018, 8:00 AM – 3:00 PM | Great Bay National Estuarine Research Reserve

AGENDA

8:00 **Registration and Networking**

8:30 Welcome: Steve Miller, Great Bay National Estuarine Research Reserve

8:40 Opening Remarks:

- Kerry Holmes, Office of U.S. Senator Maggie Hassan
- Peter Clark, Office of U.S. Senator Jeanne Shaheen
- Patrick Carroll, Office of U.S. Congresswoman Carol Shea-Porter

9:00 The Latest Science on High Tide Flooding: Betsy Nicholson and Jamie Carter, NOAA

9:30 Local Panel – Hampton on the Front Lines: A Focus on Nuisance Flooding

- Debra Bourbeau, Hampton Resident
- Rayann Dionne, Hampton Conservation Planner
- Chris Jacobs, Hampton DPW Director

10:15 Nuisance Flooding and Pavement Impacts: Jennifer Jacobs, UNH

10:30 Coastal Flooding in the US: A New Report from the Union of Concerned Scientists (UCS): Roger Stephenson, UCS

10:40 **Networking Break**

11:00 Climate and Land Cover Change – Impacts to Ecosystem Services in Great Bay: Wil Wolheim, UNH

11:15 Sea-Level Rise Impacts on Drinking Water – A Groundwater Modeling Study in Newmarket: Jayne Knott, UNH

11:30 The Piscataqua River Currents with Sea Level Rise: Tom Lippmann, UNH

11:45 Nor'easter Impacts to NH Beaches and Dunes – Answers from Citizen Science: Alyson Eberhardt, NH Sea Grant

12:00 Living Shorelines – State of the Practice, NH Edition: Kirsten Howard, NHDES Coastal Program

12:15 The Coastal Adaptation Workgroup Community Champion Award

12:25 **Lunch and Networking**

1:20 A Hidden Impact of Rising Sea Levels – Rising Groundwater Video: Rodney D. Rowland, Strawberry Banke, Portsmouth

1:30 Portsmouth Historic Vulnerability Assessment: Peter Britz, City of Portsmouth

1:45 Implementing the CRHC – State and Local Successes: Nathalie Morison, NHDES Coastal Program

2:15 Exeter Resilience Initiatives

- Climate Adaptation Policy, Water Trail: Julie LaBranche, Rockingham Planning Commission
- Lincoln Street Stormwater BMPs: Rob Roseen, Waterstone Engineering
- Wastewater Treatment Facility Upgrades: Jennifer Perry, Town of Exeter

2:45 Closing Remarks: Cory Riley, Great Bay National Estuarine Research Reserve

3:00 Adjourn