

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



Resource List

Opening Remarks

- Letters from [Senator Hassan](#), [Senator Shaheen](#), [Congresswoman Carol Shea-Porter](#)

The Latest Science on Sea-Level Rise and High Tide Flooding Trends and Projections

- [2017 State of US High Tide Flooding with a 2018 Outlook \(2018\)](#)
- [Patterns and Projections of High Tide Flooding Along the US Coastline Using a Common Impact Threshold \(2018\)](#)
- [Global and Regional Sea-Level Rise Scenarios for the United States \(2017\)](#)

Nuisance Flooding and Pavement Impacts

- [Recent and Future Outlooks for Nuisance Flooding Impacts on Roadways on the US East Coast \(2018\)](#)

Coastal Flooding in the US – A New Report from the Union of Concerned Scientists (UCS)

- [Underwater: Rising Seas, Chronic Floods, and the Implications for US Coastal Real Estate \(2018\)](#)

Climate and Land Cover Change – Impacts to Ecosystem Services in Great Bay

- [Aquatic Nitrate Retention at River Network Scales across Flow Conditions Determined Using Nested In Situ Sensors \(2017\)](#)
- [Development of scenarios for land cover, population density, impervious cover and conservation in New Hampshire, 2010-2100 \(2017\)](#)
- [A coupled terrestrial and aquatic biogeophysical model of the Upper Merrimack River watershed, New Hampshire, to inform ecosystem services evaluation and management under climate and land-cover change \(2017\)](#)

Sea-Level Rise Impacts on Drinking Water – A Groundwater Modeling Study in Newmarket

- [Sea-Level Rise Impacts on Drinking Water – A Groundwater Modeling Study in Newmarket \(2017\)](#)
- [Modeling the effects of sea-level rise on groundwater levels in coastal NH](#)

Living Shorelines – State of the Practice, NH Edition

- [Living Shorelines in New England – State of the Practice \(2017\)](#)

A Hidden Impact of Rising Sea Levels – Rising Groundwater Video (2017)

- [Working to "Keep History Above Water"](#) (informational webpage and link to video)

Portsmouth Historic Vulnerability Assessment

- [City of Portsmouth Planning Department: Historic Properties Climate Change Vulnerability \(2018\)](#)
- [City of Portsmouth Planning Department: Coastal Resilience Initiative Project \(2013\)](#)

Implementing the CRHC – State and Local Successes

- [NH Coastal Risk and Hazards Commission Final Report: Preparing New Hampshire for Projected Storm Surge, Sea-Level Rise, and Extreme Precipitation \(2016\)](#)
- [CRHC Science and Technical Advisory Panel Report \(2014\)](#)
- [SB 374 \(2016\)](#)
- [SB 452 \(2016\)](#)
- [SB 185 \(2017\)](#)
- [Dover Climate Adaptation Master Plan Chapter \(2018\)](#)
- [Durham Flood Hazard Overlay \(2018\)](#)
- [Exeter Site Plan Review and Subdivision Regulations \(2018\)](#)

Exeter Resilience Initiatives

- [Exeter Climate Resilience Factsheet – General \(2018\)](#)
- [Exeter Climate Resilience Factsheet – Flooding \(2018\)](#)
- [Exeter Climate Resilience Factsheet – Economics \(2018\)](#)
- [Exeter Climate Resilience Factsheet – BMP Performance \(2018\)](#)
- [Exeter Climate Resilience Factsheet – Climate Adaptation Planning \(2018\)](#)
- [Phase 1 and Phase 2: Lincoln Street Subwatershed Nutrient Control Strategies – Final Report \(2018\)](#)
- [Water Trail Signs \(2018\)](#)
- [Rockingham Planning Commission website](#)