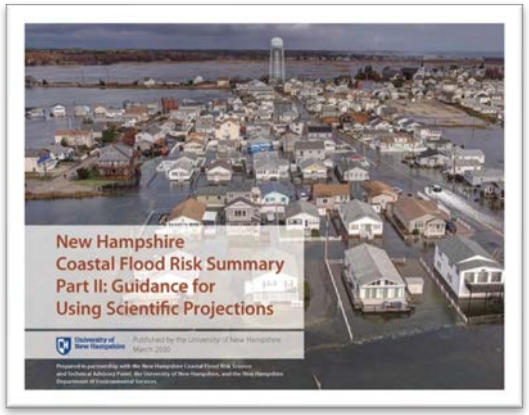
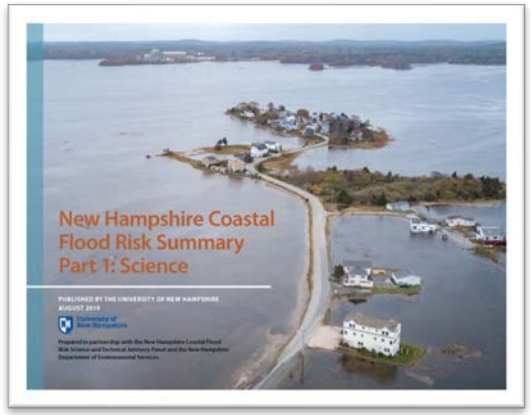
All-Boards Climate Forums & NH Coastal Flood Risk Guidance Workshops

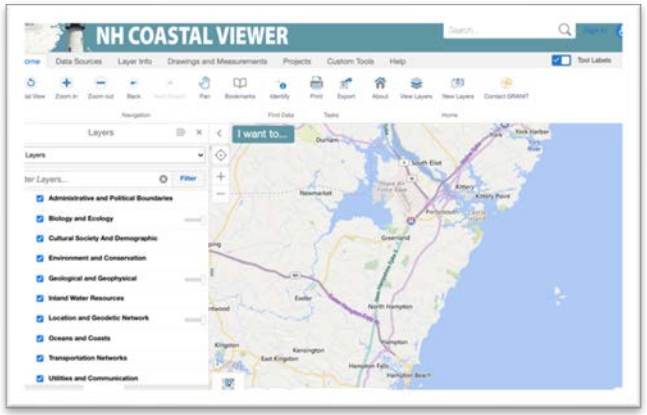
Lisa Wise
Climate Adaptation Program Manager
Lisa.Wise@unh.edu

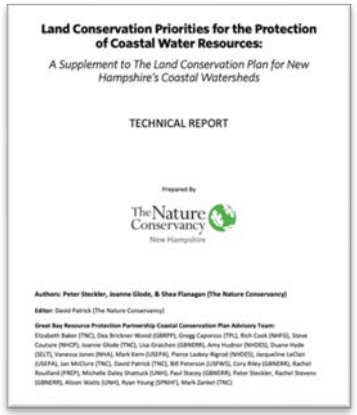
Sea Grant New Hampshire | NH Extension

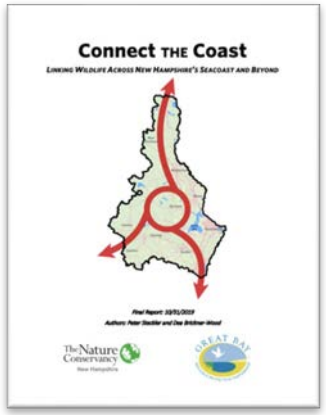
Exeter

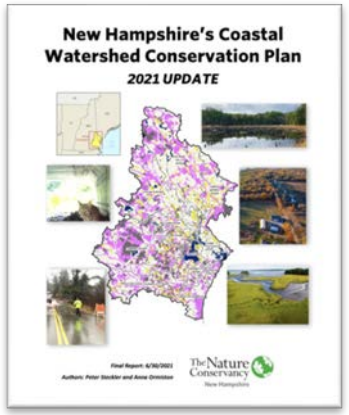

New Hampshire
Coastal Flood Risk Summary
Part II: Guidance for
Using Scientific Projections


New Hampshire Coastal
Flood Risk Summary
Part 1: Science


NH COASTAL VIEWER
I want to...

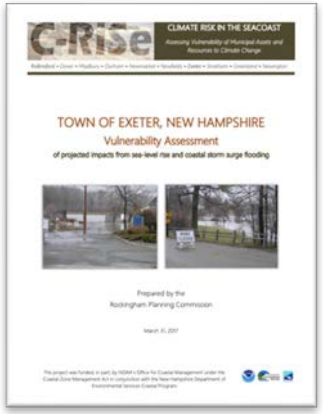

Land Conservation Priorities for the Protection of Coastal Water Resources:
A Supplement to The Land Conservation Plan for New Hampshire's Coastal Watersheds
TECHNICAL REPORT
The Nature Conservancy
New Hampshire


Connect THE Coast
Linking Wildlife Across New Hampshire's Seacoast and Beyond


New Hampshire's Coastal
Watershed Conservation Plan
2021 UPDATE

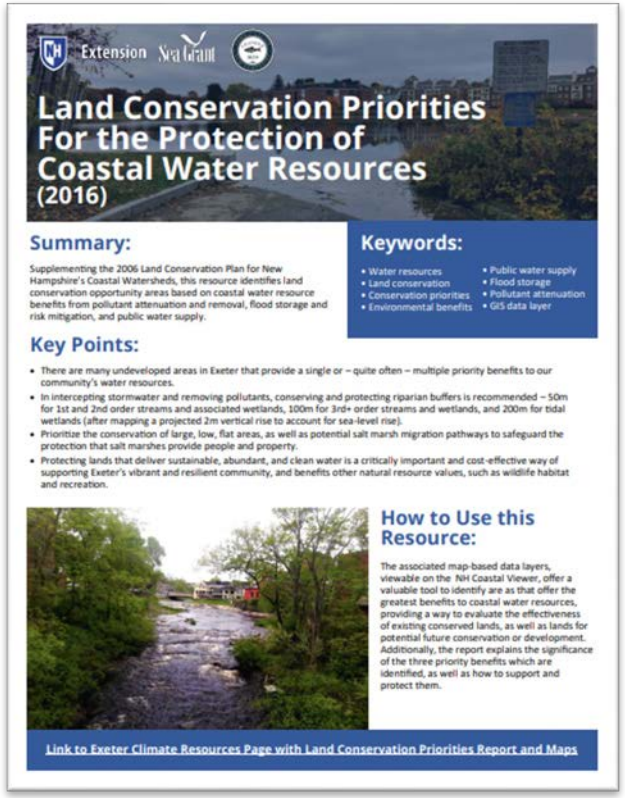

Tidal Crossing Summary Sheet

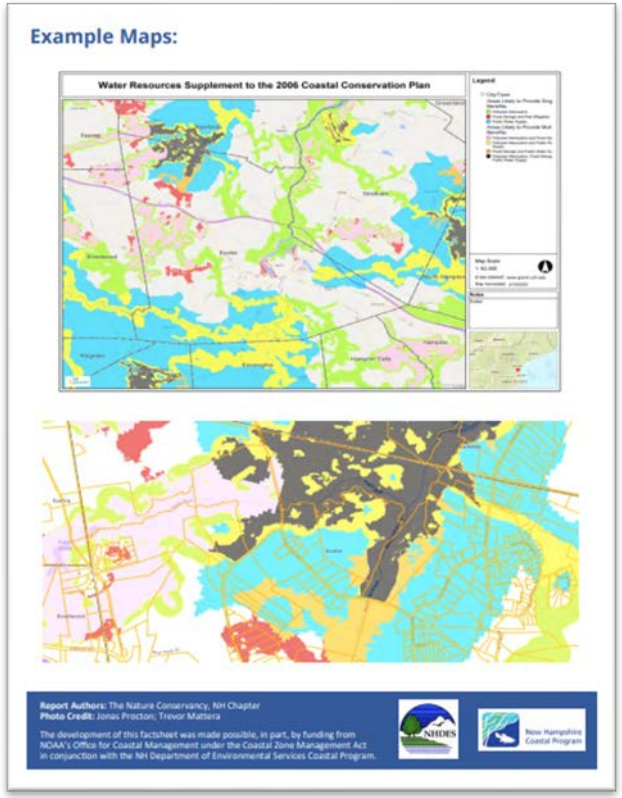

DRAFT
A Final Report Submitted to the
National Estuarine Research Reserve System
Science Collaborative
August 15, 2015


C-RiSe
CLIMATE RISK IN THE SEACOAST
TOWN OF EXETER, NEW HAMPSHIRE
Vulnerability Assessment
of projected impacts from sea-level rise and coastal storm surge flooding

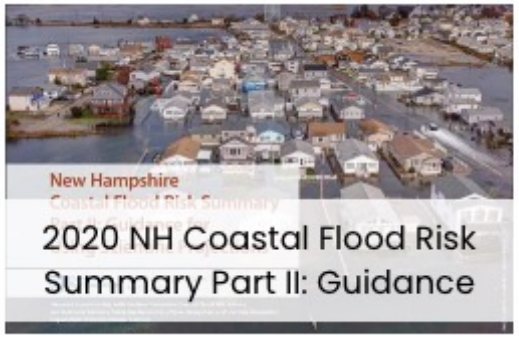

Phase 1 and Phase 2: Lincoln Street Subwatershed
Nutrient Control Strategies
Incentivizing Resiliency Through Implementation Plans in One of
Coastal New Hampshire's Fastest Growing Communities
FINAL REPORT – MARCH 2018

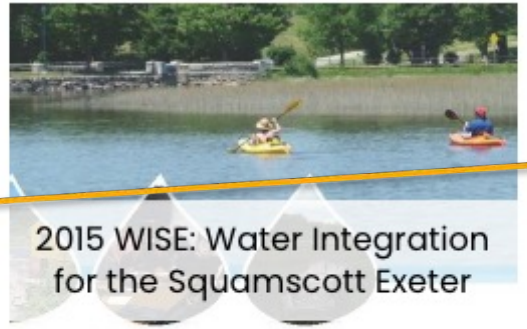
Climate Resources Summaries

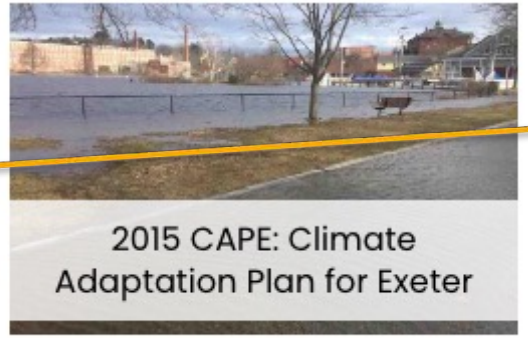




Climate Resources Landing Page





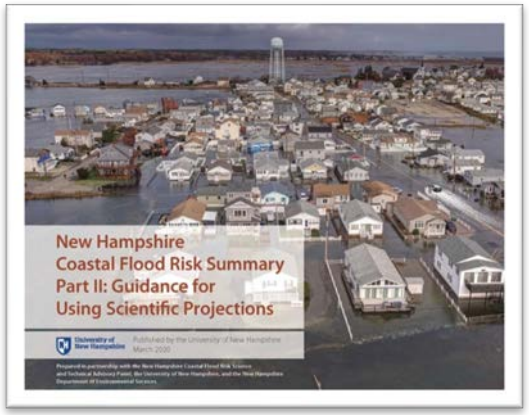


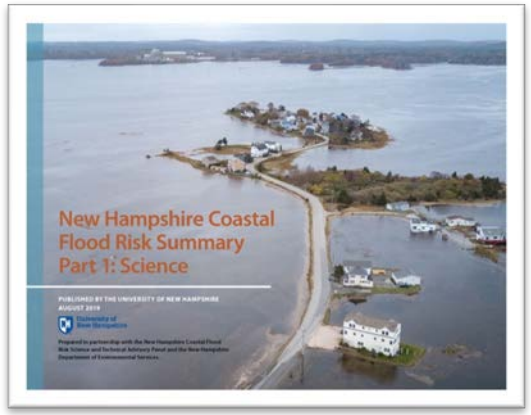
Exeter Climate Resources Forum

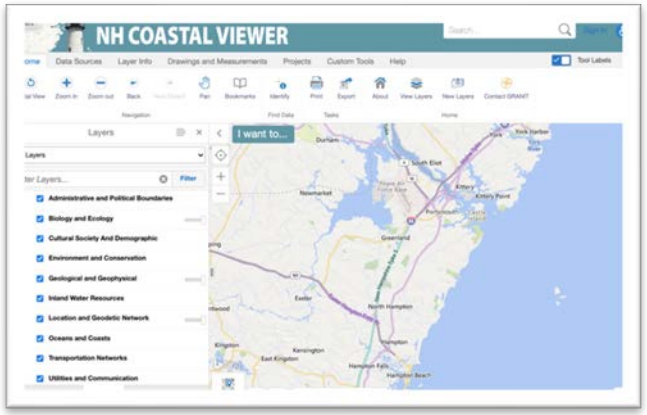
STAFF	VOLUNTEER BOARDS/ COMMITTEES
Building inspector/code enforcement officer	Conservation commission
Exeter TV/IT	Energy committee
Planning department	Heritage commission
Public Works	Historic district commission
	Planning board
	River advisory committee
	Select board
	Sustainability advisory committee

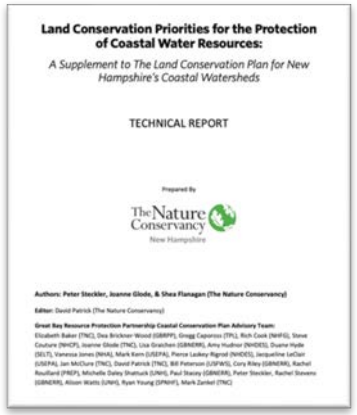
Photo: Jonas Procton

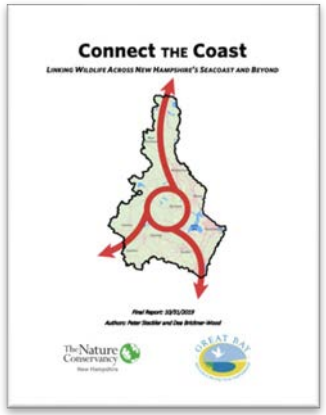
Dover

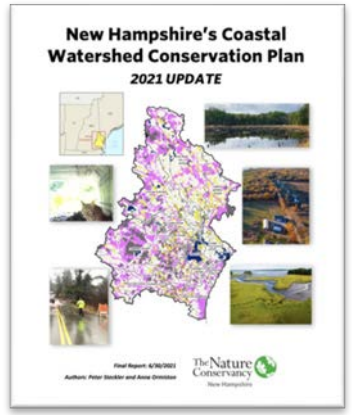

New Hampshire
Coastal Flood Risk Summary
Part II: Guidance for
Using Scientific Projections

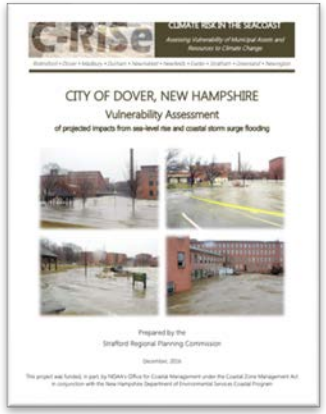

New Hampshire Coastal
Flood Risk Summary
Part 1: Science


NH COASTAL VIEWER
I want to...

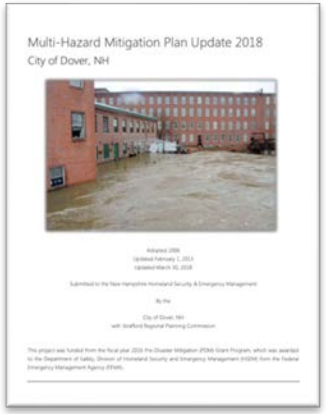

Land Conservation Priorities for the Protection of Coastal Water Resources:
A Supplement to The Land Conservation Plan for New Hampshire's Coastal Watersheds
TECHNICAL REPORT


Connect THE Coast

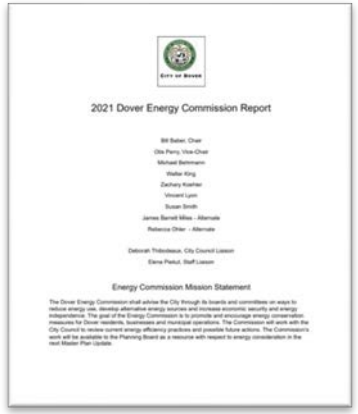

New Hampshire's Coastal
Watershed Conservation Plan
2021 UPDATE

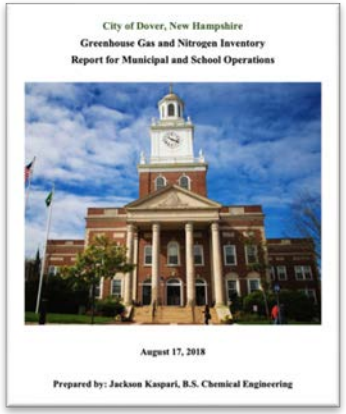

C-RISE
CITY OF DOVER, NEW HAMPSHIRE
Vulnerability Assessment

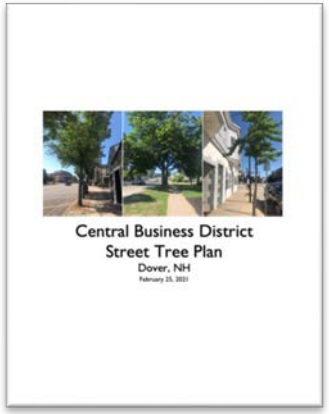

2023
CITY OF DOVER, NEW HAMPSHIRE MASTER PLAN
2018 Climate Adaptation Chapter
Planning Today for a Resilient Tomorrow


Multi-Hazard Mitigation Plan Update 2018
City of Dover, NH


Tidal Crossing Summary Sheet


2021 Dover Energy Commission Report
Energy Commission Mission Statement


City of Dover, New Hampshire
Greenhouse Gas and Nitrogen Inventory
Report for Municipal and School Operations
August 17, 2018
Prepared by: Jackson Kaspari, B.S. Chemical Engineering


Central Business District
Street Tree Plan
Dover, NH

Dover Climate Resources Forum

STAFF	VOLUNTEER BOARDS/COMMITTEES
• Community Services • Fire and Rescue • IT • Planning and Community Development	• Board of Health • City Council • Cochecho Waterfront Advisory Committee • Conservation Commission • Energy Commission • Open Lands Committee • Planning Board • Transportation Advisory Committee

Photo: Jennifer Dubois

Outcomes

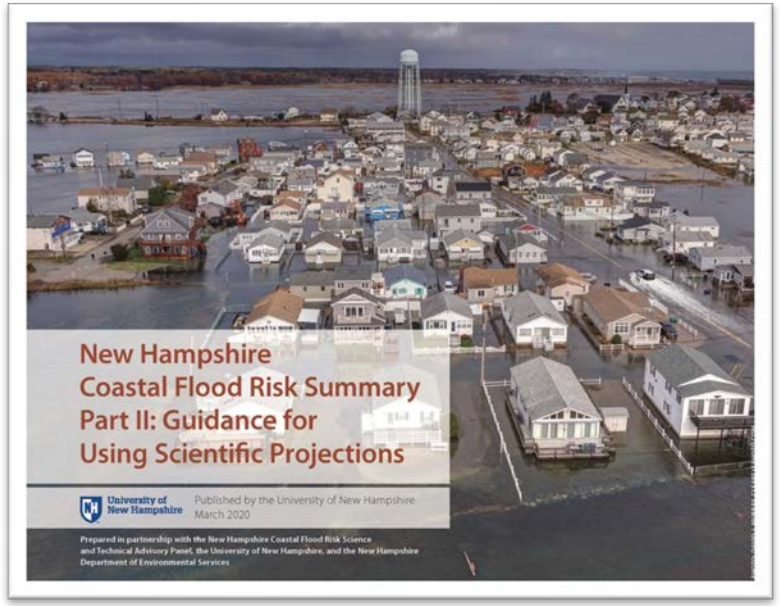
Increased awareness of climate-related projects and available resources and ways they can be used

Improved existing connections/gained new connections with other municipal staff and board/committee members

Gained a better understanding of who's doing what across municipal departments and volunteer boards/committees

NH Coastal Flood Risk Summary Workshops

- **Overview of what the municipality has done / is doing to prepare for climate impacts**
- **Videos:** *NH Coastal Flood Risk Summary, Part I: Science* and *Part II: Guidance for Using Scientific Projections*
- **Municipal-specific maps** of sea-level rise, storms, groundwater rise, salt marsh migration, flood storage areas
- **Q&A/discussion:** How do you think you could use the *Guidance* in your work as a board/committee member or municipal staff?



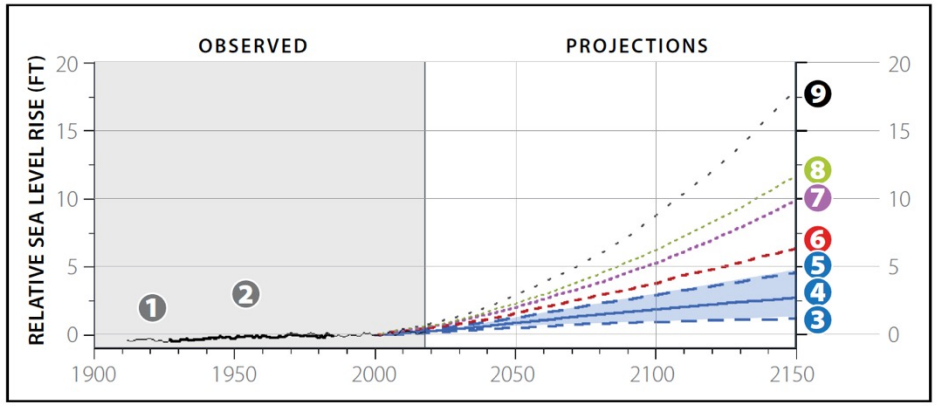


Figure 4.5. Observed and Projected Relative Sea-Level Rise for Seavey Island Tide Gauge K14 Projections | Stabilized Greenhouse Gas Concentrations (RCP 4.5).

1. Historical data for Portland, ME (1912-2018; thin black line)
2. Historical data for Seavey Island, ME (1927-1986; thick black line)
3. Lower end of "likely range"
4. Central estimate
5. Upper end of "likely range"
6. 1-in-20 chance estimate
7. 1-in-100 chance estimate
8. 1-in-200 chance estimate
9. 1-in-1000 chance estimate

Photo: Dover, Kyle Pimental

Photo: New Castle, Stewart Mellentine

Lisa.Wise@unh.edu

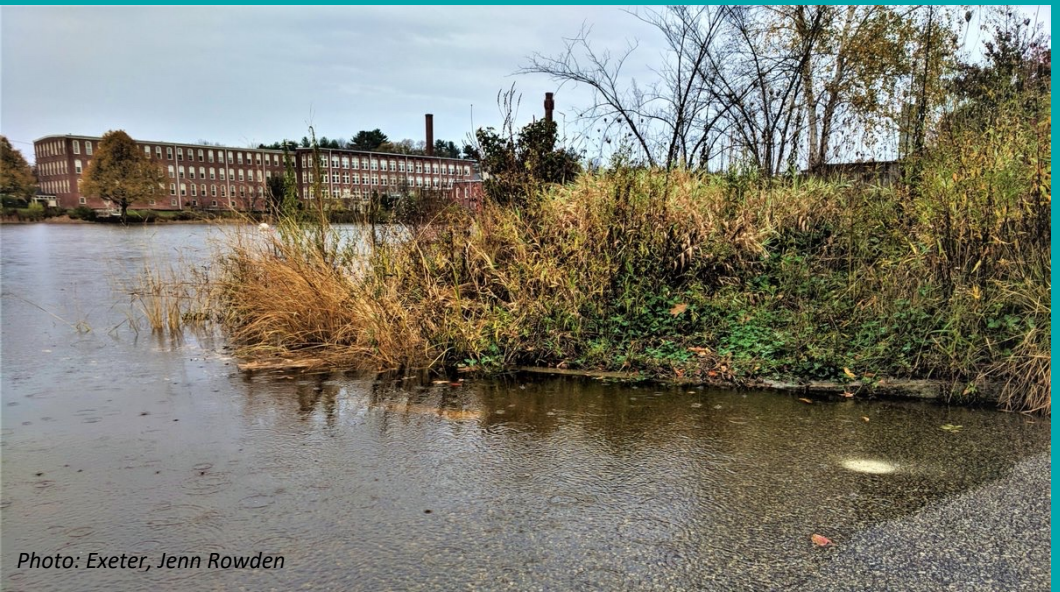


Photo: Exeter, Jenn Rowden

Photo: Newmarket, Melissa Brogle