

Collaboration for Climate Resilience: Working toward the Co-Production of Knowledge NH Coastal Adaptation Workgroup



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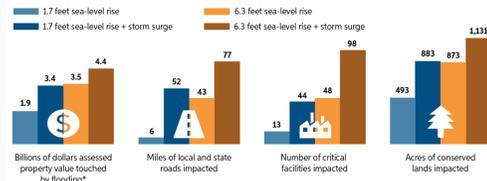
With Julia Peterson, NH Sea Grant and UNH Cooperative Extension

Situation

- Coastal NH communities face increasing impacts from storm surge, sea-level rise, and precipitation
- Threats from coastal hazards are compounded by development pressure
- Tradition of local control; variable municipal capacity; reliance on volunteer boards

BY THE NUMBERS: VULNERABILITY IN THE ATLANTIC COAST MUNICIPALITIES

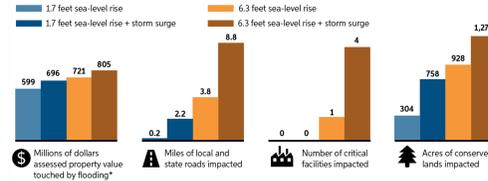
In all seven Atlantic Coast municipalities, people and assets, including local economies, natural resources, infrastructure, and recreational and historic resources, face increased coastal flood risk in the future.



*Dollar values do not reflect projected cost from flood scenarios, but rather the assessed value of properties exposed to any amount of flooding. Source: Tides to Storms 2015 (maps for each community available on the Rockingham Planning Commission website)

BY THE NUMBERS: VULNERABILITY IN THE GREAT BAY MUNICIPALITIES

In all ten Great Bay municipalities, people and assets, including local economies, natural resources, infrastructure, and recreational and historic resources, face increased coastal flood risk in the future.



*Dollar values do not reflect projected cost from flood scenarios, but rather the assessed value of properties exposed to any amount of flooding. Source: C-Rise 2017 (maps for each community available on the Rockingham Planning Commission and Stafford Regional Planning Commission websites)



NH's coastal watershed

- 42 communities
- 420,000+ people live in a NH coastal zone county
- >\$19 billion of NH's GDP comes from coastal zone counties



Response



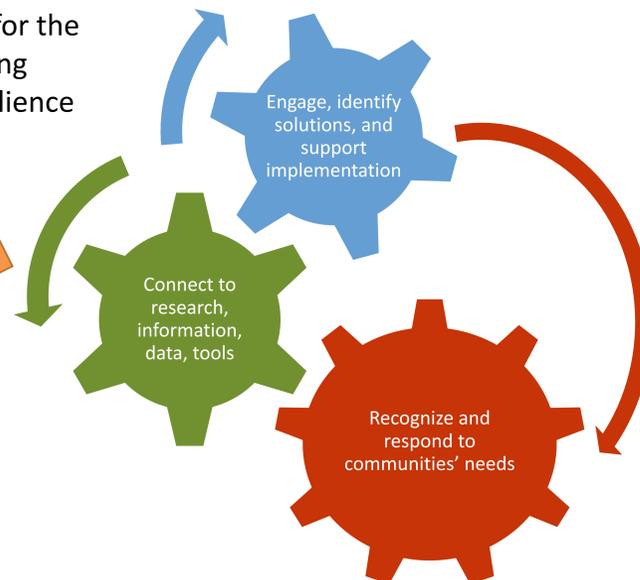
Learn more at nhcaw.org



Mission: To assist communities in NH's coastal watershed to prepare for the impacts of extreme weather and long-term climate change by providing resources, facilitation, and guidance that enhances readiness and resilience



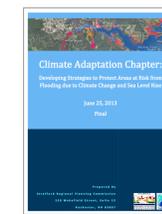
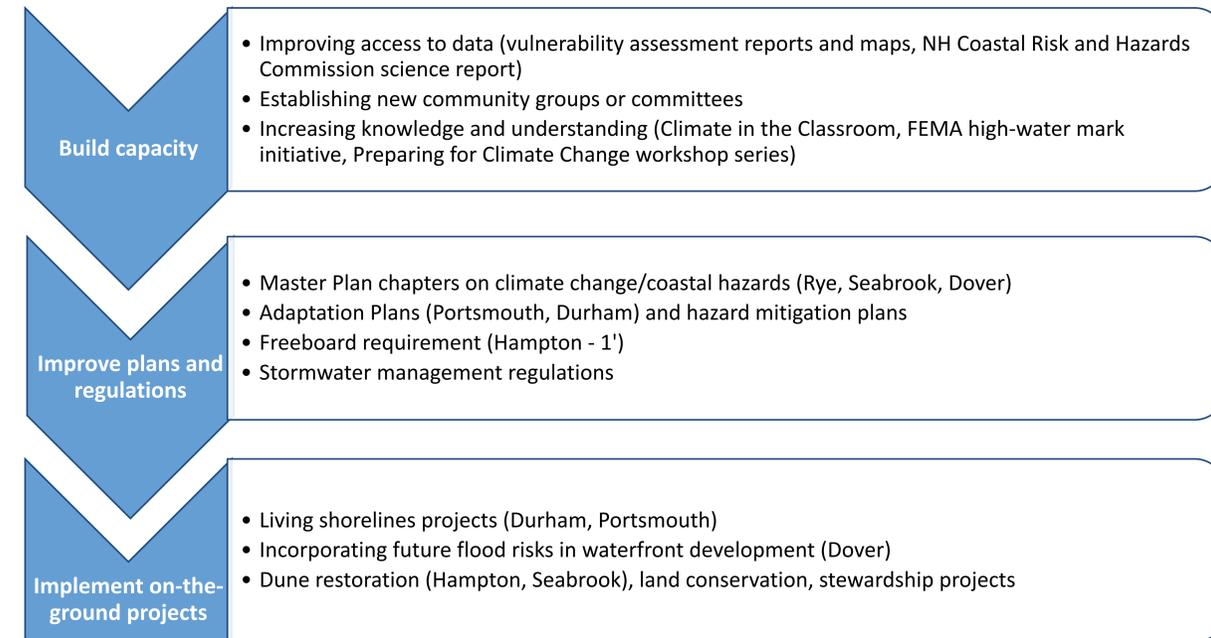
CAW's approach



Results

By the numbers: 7 years of collaboration | 24 workshops | 21 communities engaged in projects | 100+ projects related to climate vulnerability and adaptation | 2 regional awards received | \$6,000,000+ in funding secured by CAW members to support adaptation

Examples of community outcomes:



Looking ahead

- Working toward the co-production of knowledge to support effective local adaptation



- CAW is committed to listening and connecting:
 - RAD Subcommittee (Connecting Researchers and Decision-making)
 - Survey of municipal needs
 - Interview study looking at whether/how co-production of knowledge has occurred
 - 2017 NH Coastal Climate Summit: Partnering Research with Local Action
 - Ongoing reflection, evaluation, and learning