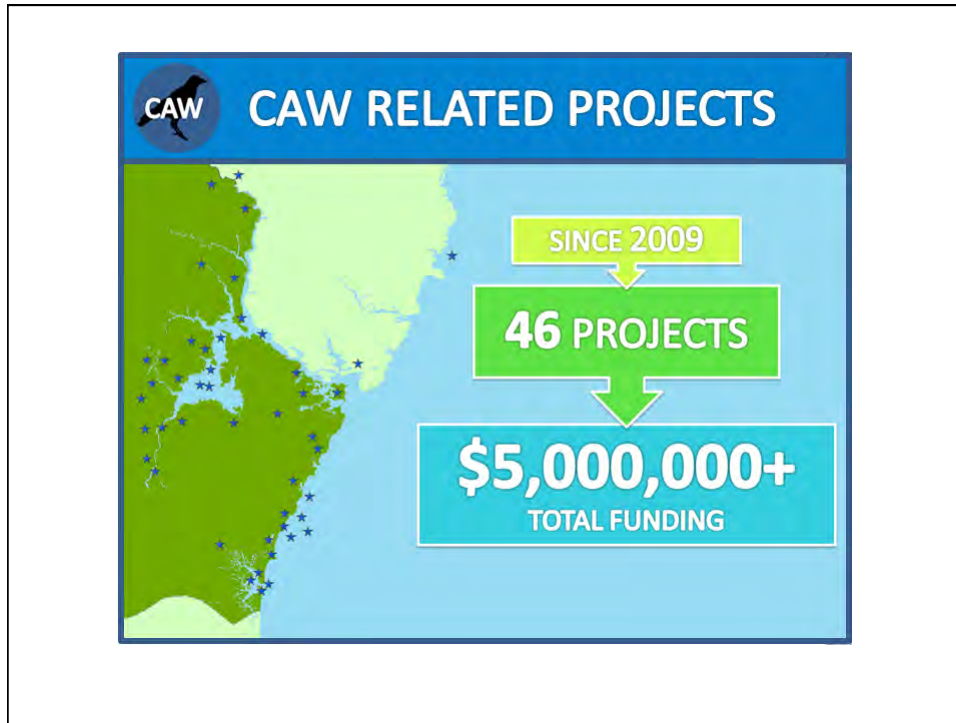


### New Hampshire Coastal Adaptation Workgroup (CAMA)

Federal	State	Regional	Municipal	Academic	Non-Profit	Business

Crows: highly social, intelligent, and skilled problem solvers



<p><b>Report for NH Coastal Risks &amp; Hazards Commission</b></p>	<p>Sea-level Rise, Storm Surges, and Extreme Precipitation in Coastal New Hampshire: <small>ANALYSIS OF PAST AND PROJECTED TRENDS</small></p>
<p>Where there is little tolerance for risk, communities should <i>commit</i> to manage for:</p>	
<p>1.3 feet of sea level rise by 2050, but be <i>prepared</i> to manage for as much as 2.0 feet;</p>	
<p>4.0 feet of sea level rise by 2100, but be <i>prepared</i> to manage for as much as 6.6 feet.</p>	
<p><b>Recommendations:</b> Our Economy Built Environment Natural Resources Our Heritage</p>	



"When I spoke with municipal staff in our NH coastal municipalities, they clearly recognized that coastal flooding is and will continue to be a critical issue facing their communities. Their staff and elected officials are supportive of taking steps to address the issue, and recognize their need for additional resources to implement a range of deliberate steps to enhance community resilience."

Julie LaBranche  
Senior Planner  
Exeter, H

**FROM TIDES TO STORMS: PREPARING FOR NEW HAMPSHIRE'S FUTURE COAST**  
Assessing Risk and Vulnerability of Coastal Communities to Sea Level Rise and Storm Surge  
Seabrook - Hampton Falls - Hampton - North Hampton - Rye - New Castle - Portsmouth

ROCKINGHAM PLANNING COMMISSION  
Prepared by Rockingham Planning Commission  
September 2015



THE STATE OF NEW HAMPSHIRE  
DEPARTMENT OF ENVIRONMENTAL SERVICES  
LAND RESOURCES MANAGEMENT  
ALTERATION OF TERRAIN BUREAU  
29 Hazen Drive, PO Box 95, Concord, NH 03302-0095  
Phone: (603) 271-2147 Fax: (603) 271-6588



Website: <http://des.nh.gov/organization/divisions/water/aot/index.htm>  
For Permit Status: [http://www2.des.state.nh.us/OneStop/Wastewater\\_Engineering\\_Site\\_Specific\\_Query.aspx](http://www2.des.state.nh.us/OneStop/Wastewater_Engineering_Site_Specific_Query.aspx)

**ALTERATION OF TERRAIN PERMIT APPLICATION**

NOTE: CHANGE STANDARD OF PRACTICE

**DRAINAGE ANALYSES**

Please double-side 8 1/2" x 11" sheets where possible but, **do not** reduce the text such that more than one page fits on one side.

- PE stamp
- Rainfall amount obtained from the Northeast Regional Climate Center- <http://precip.eas.cornell.edu/>. Include extreme precipitation table as obtained from the above referenced website.
- Drainage analyses, in the following order:
  - Pre-development analysis: Drainage diagram
  - Pre-development analysis: Area Listing and Soil Listing
  - Pre-development analysis: Node listing 1-year (if applicable), 2-year, 10-year and 50-year
  - Pre-development analysis: Full summary of the 10-year storm
  - Post-development analysis: Drainage diagram
  - Post-development analysis: Area Listing and Soil Listing
  - Post-development analysis: Node listing for the 2-year, 10-year and 50-year
  - Post-development analysis: Full summary of the 10-year storm