

# DURHAM, NEW HAMPSHIRE

Durham is located in Strafford County, New Hampshire with a population of approximately 16,900. Durham is home to the University of New Hampshire (UNH). It was settled in 1635 by pioneers who traveled up the Piscataqua River and across Little Bay to settle at the falls of the Oyster River. Durham was incorporated as a township in 1732.



Aerial view of downtown Main Street and structures, Durham, NH. Some UNH buildings can also be seen in the distance.



# KING TIDE EVENTS OFFER A GLIMPSE INTO THE FUTURE

King Tide is a colloquial term for an especially high tide that occurs only a few times per year.



Views of the Town of Durham's Old Landing Park during a recent King Tide.



# WAGON HILL FARM

## LIVING SHORELINE RESTORATION PROJECT

A living shoreline uses a variety of structural and natural materials such as wetland plants, submerged aquatic vegetation, oyster reefs, coir fiber logs, sand fill, and stone to reduce erosion. It can be designed to adapt to sea-level rise—naturally building elevation as water levels increase and eventually moving upland if water rises too quickly and if space allows.

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View of Durham's Wagon Hill Farm park shoreline illustrating the need for stabilization and restoration.



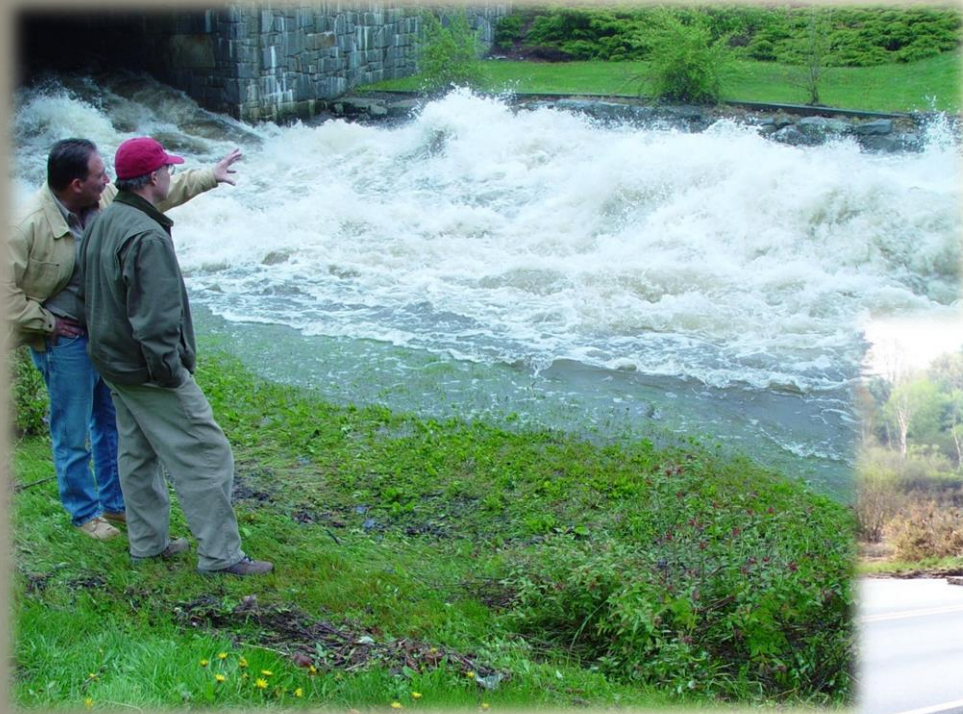
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View of the partially restored shoreline at Durham's Wagon Hill Farm park.



# RECURRING SUPER STORM EVENTS AND THEIR IMPACTS

New Hampshire coastal communities are particularly vulnerable to coastal storms which result in flooding and power outages.

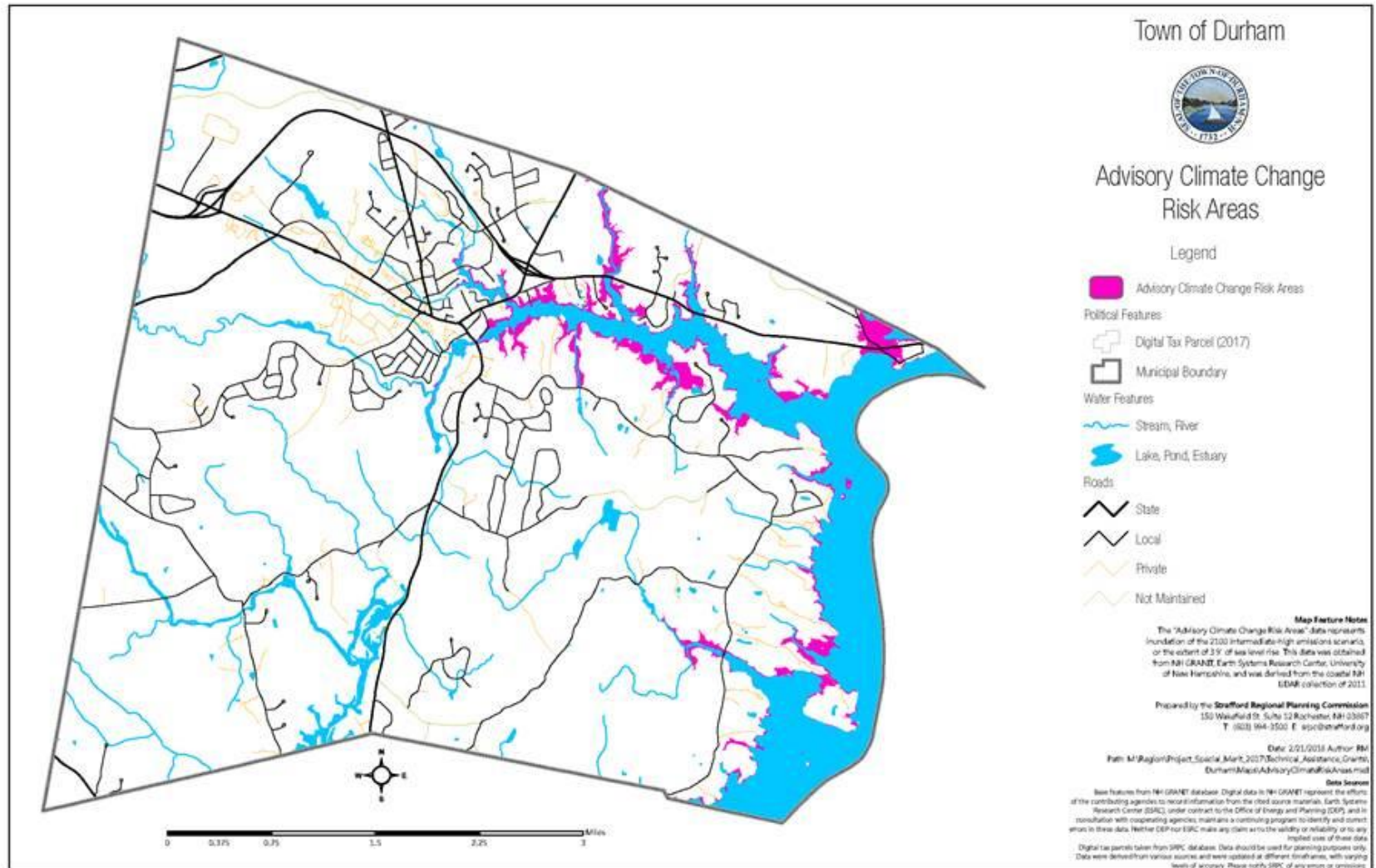


Durham's Director of Public Works and former Town Engineer assess the situation of flood waters at Old Landing Park during the 2006 Mother's Day flood event.

Newmarket Road, Durham, NH. Aftermath from the 2006 Mother's Day flood event.



# Town of Durham: Coastal Flood Hazard Overlay District





# DURHAM'S LEED CERTIFIED TOWN HALL

LEED (Leadership in Energy and Environmental Design) is a recognized green building certification program that sets standards used internationally for the design, construction, and maintenance of environmentally sustainable buildings and infrastructure.



Town of Durham's beautiful new LEED certified building completed in October 2014 and the LEED recognition plaque displayed in the entranceway at the Durham Town Hall.

## DURHAM'S OYSTER RIVER SOLAR ARRAY



Oyster River Cooperative School District Superintendent Jim Morse and Durham Administrator Todd Selig enjoy a relaxing sun tanning session at the new 640 kW solar array located at the Durham-owned gravel pit located on Packers Falls Road in Lee, NH.



# TRANSITIONING TO A BICYCLE AND PEDESTRIAN FRIENDLY COMMUNITY

Durham's Main Street encourages a sharing of the road by motorists and bicyclists.

A share the road sign on Mill Road in Durham, NH.



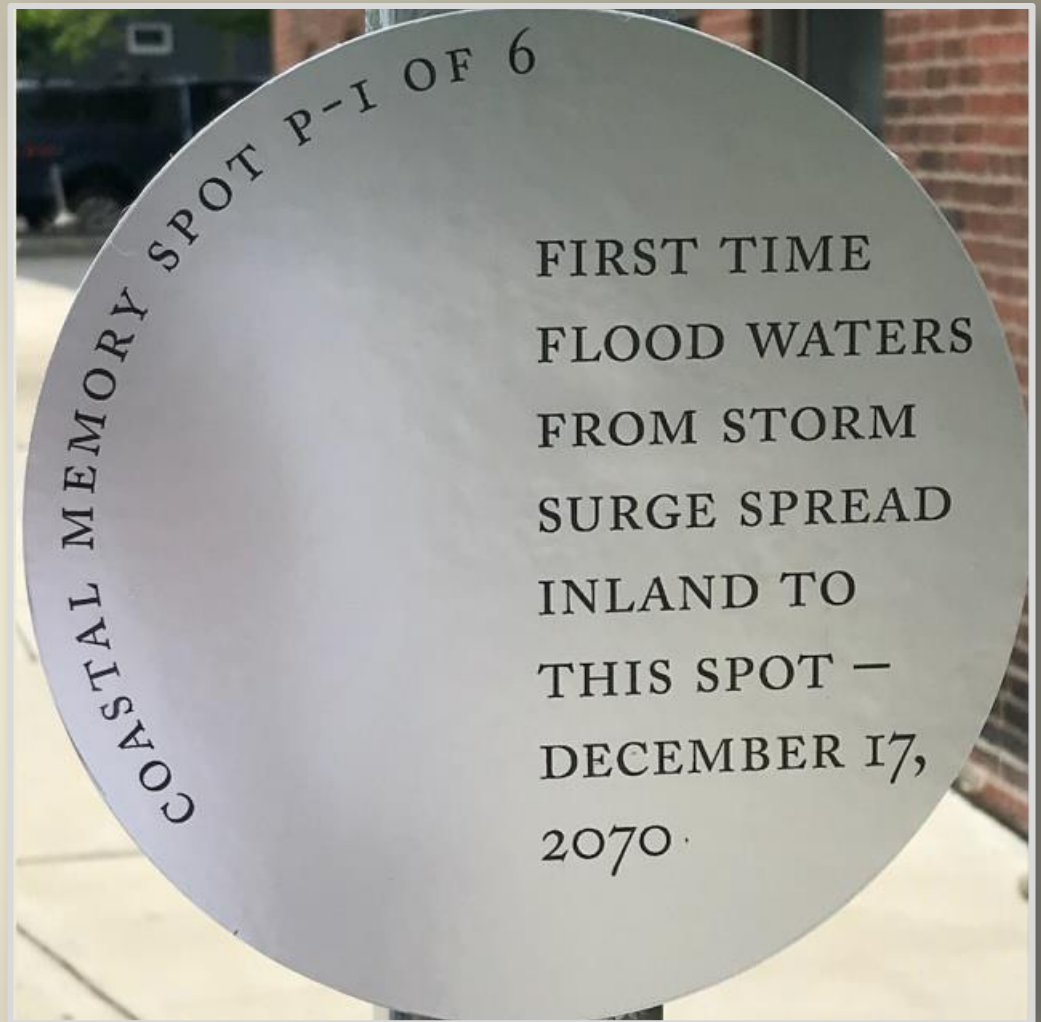
Bike lane and crosswalk markings in downtown Durham.





## **FUTURE CLIMATE CHANGE PILOT DEMONSTRATION ART PROJECT**

The Town has partnered with Northeastern University professor, Tom Starr, and Strafford Regional Planning Commission on a grant-funded project conveying the potential impacts of climate change looking ahead to the next 100 years.



An example of the round silver metal marker to be utilized as part of the future climate change demonstration art project.