

**HOW MANY OF YOU KNOW ABOUT  
OR WERE INVOLVED WITH THE  
COASTAL RISK AND  
HAZARDS COMMISSION?**

**HOW MANY OF YOU THOUGHT THE  
COASTAL RISK AND HAZARD COMMISSION  
REPORT WAS GOING TO  
SIT ON A SHELF AND COLLECT DUST?**



“OPTIMISM GAP”

- Danya Rumore | MIT

April 10, 2014

# COASTAL RISK AND HAZARDS COMMISSION (CRHC)



**Est. 2013 | SB 163**



**37 bi-partisan members**



**Review best available science**



**Develop recommendations**

# STATE IMPLEMENTATION



## Enhanced agency coordination

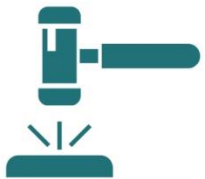


## Legislation

SB 374 (2016) - Update coastal flood risk projections

SB 452 (2016) - Audit state laws governing coastal region

SB 185 (2017) - Establish Coastal Resilience Incentive Zones (CRIZ)



## Rulemaking

Alteration of Terrain: address 15% increase in extreme precipitation (ADOPTED)

Wetlands: account for sea-level rise (DRAFT)



# LOCAL IMPLEMENTATION



**Master Plans**



**Floodplain Ordinances**

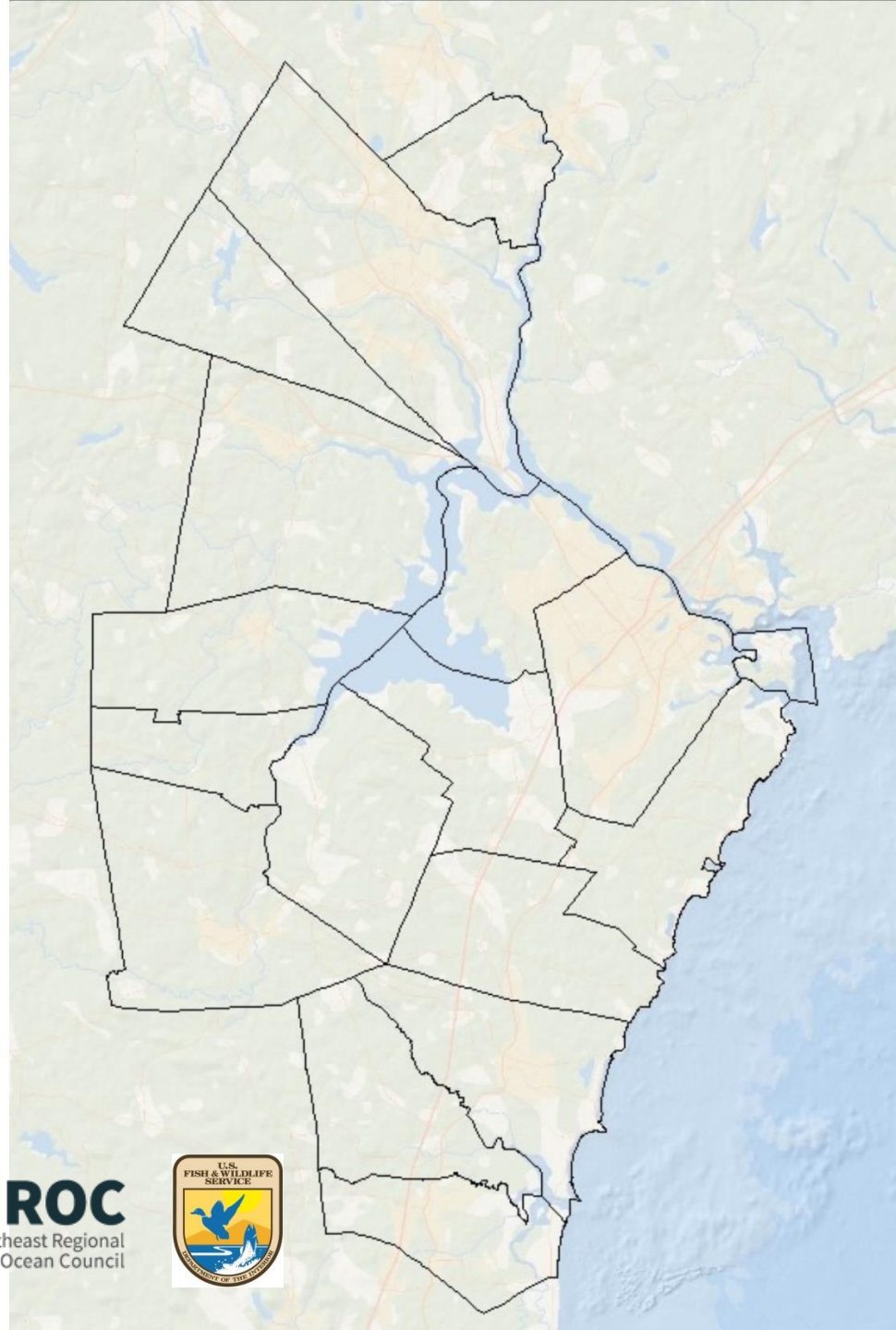


**Stormwater Standards**

*Technical assistance provided by:*



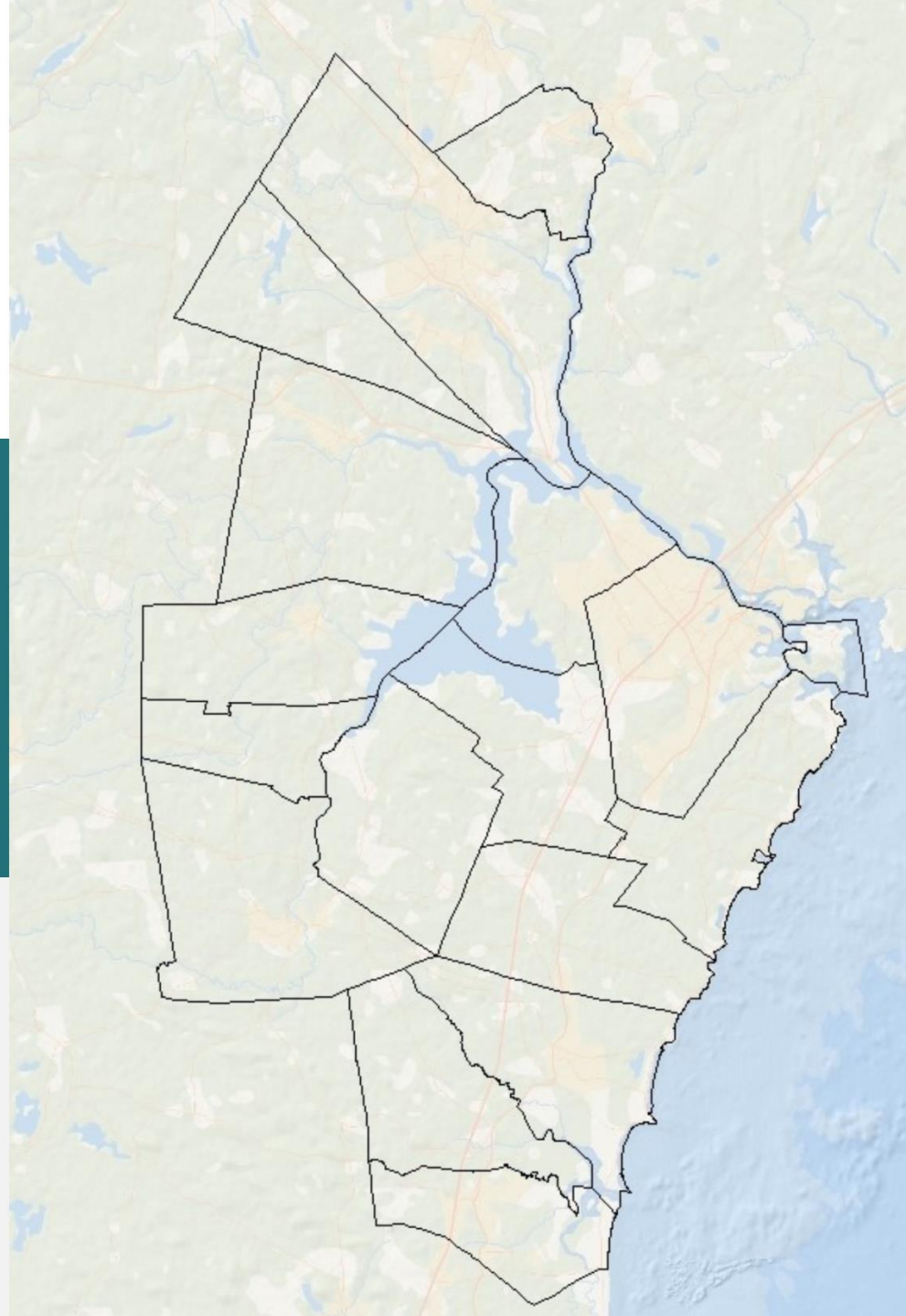
**NROC**  
Northeast Regional  
Ocean Council



# MASTER PLANS

2013:

TODAY:



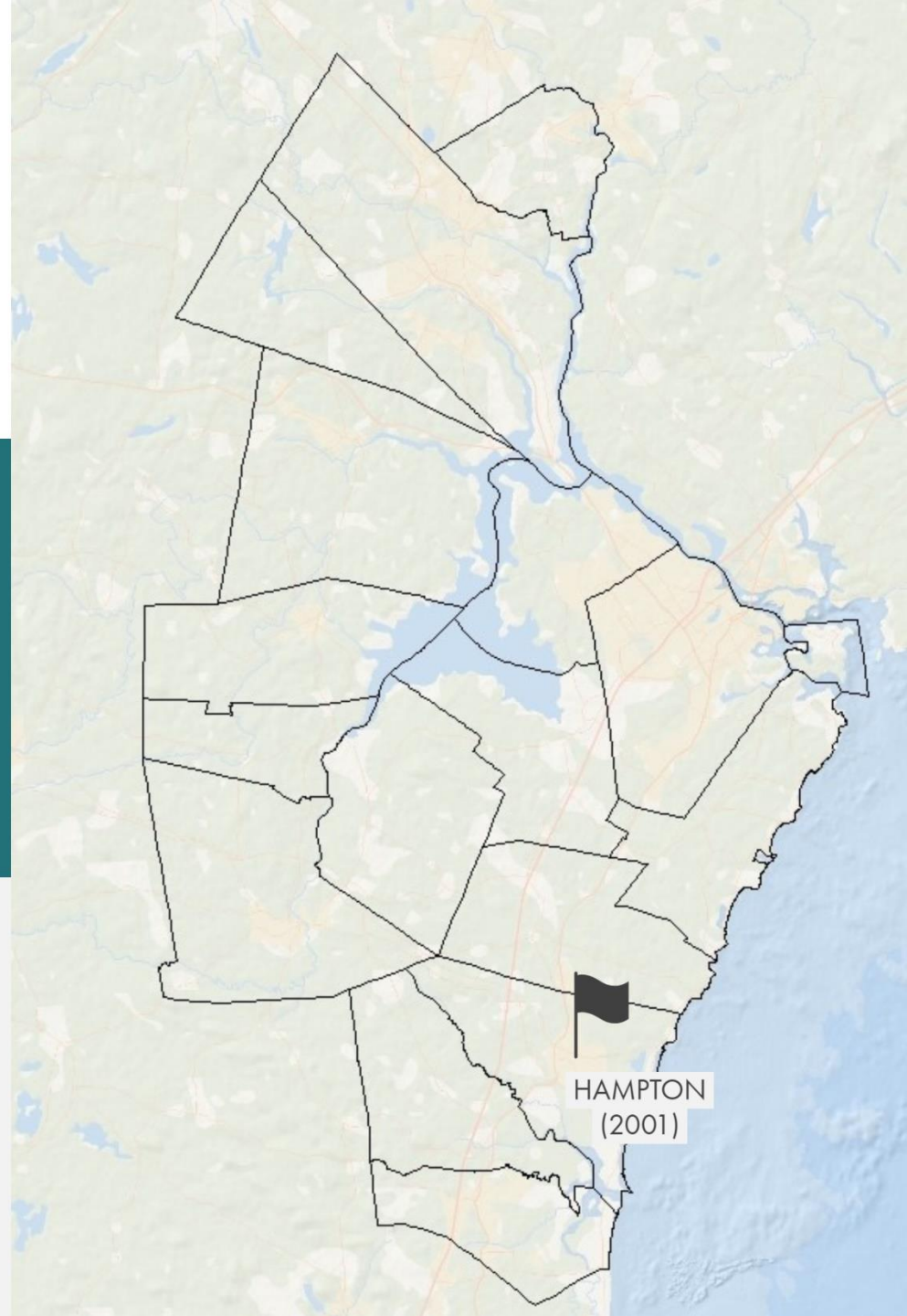


# MASTER PLANS

2013:

1\*

TODAY:





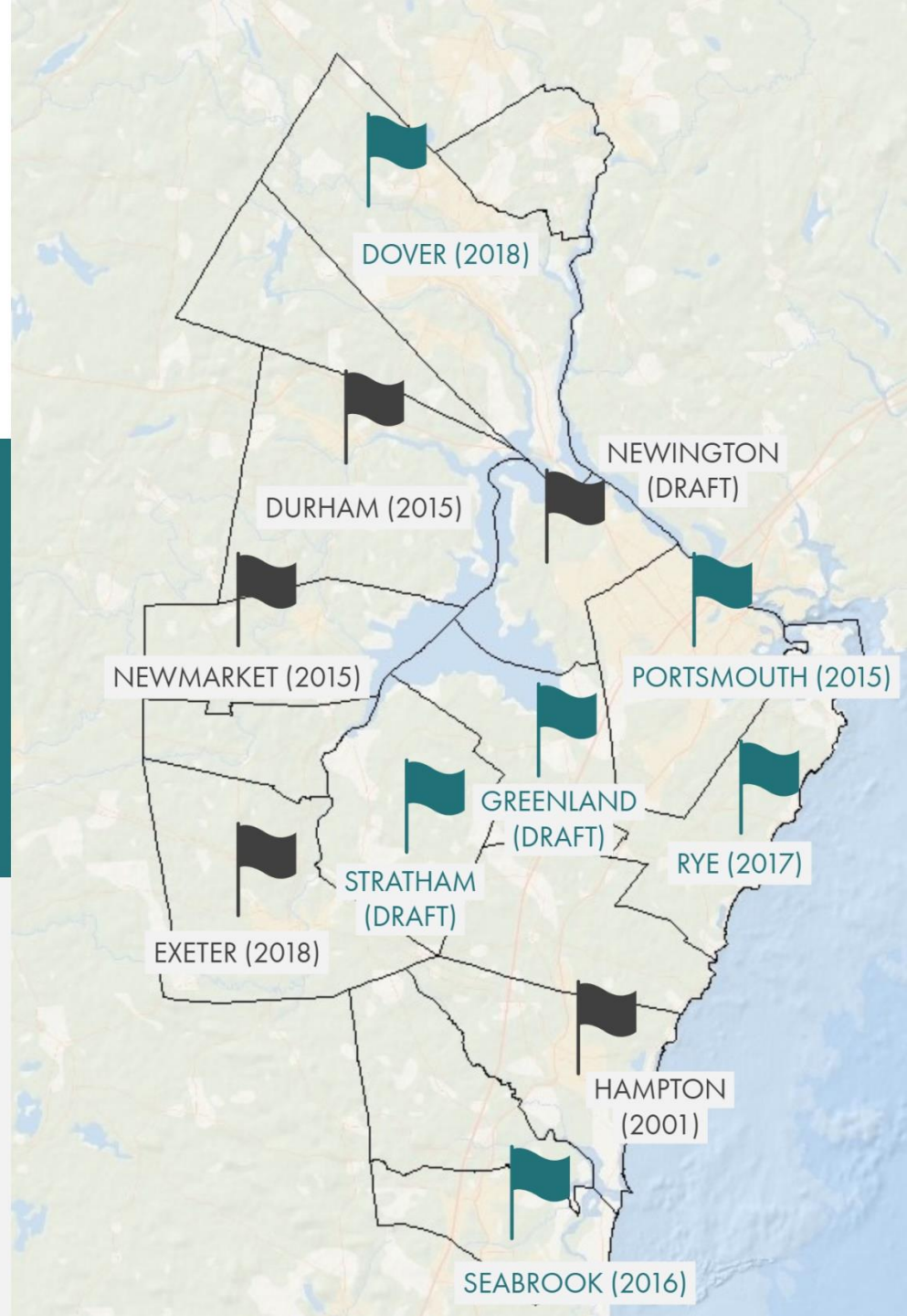
# MASTER PLANS

2013:

1\*

TODAY:

11



# IN THE SPOTLIGHT: DOVER CLIMATE ADAPTATION MASTER PLAN CHAPTER

*Planning for a Resilient Tomorrow*



## NHPA 2018 PLAN OF THE YEAR



### Comprehensive

Water quality + availability  
Health + safety  
Food  
Energy  
Infrastructure  
Natural Resources

### Actions

Outreach + education  
Studies + initiatives  
Operations, policies + procedures  
Regulatory

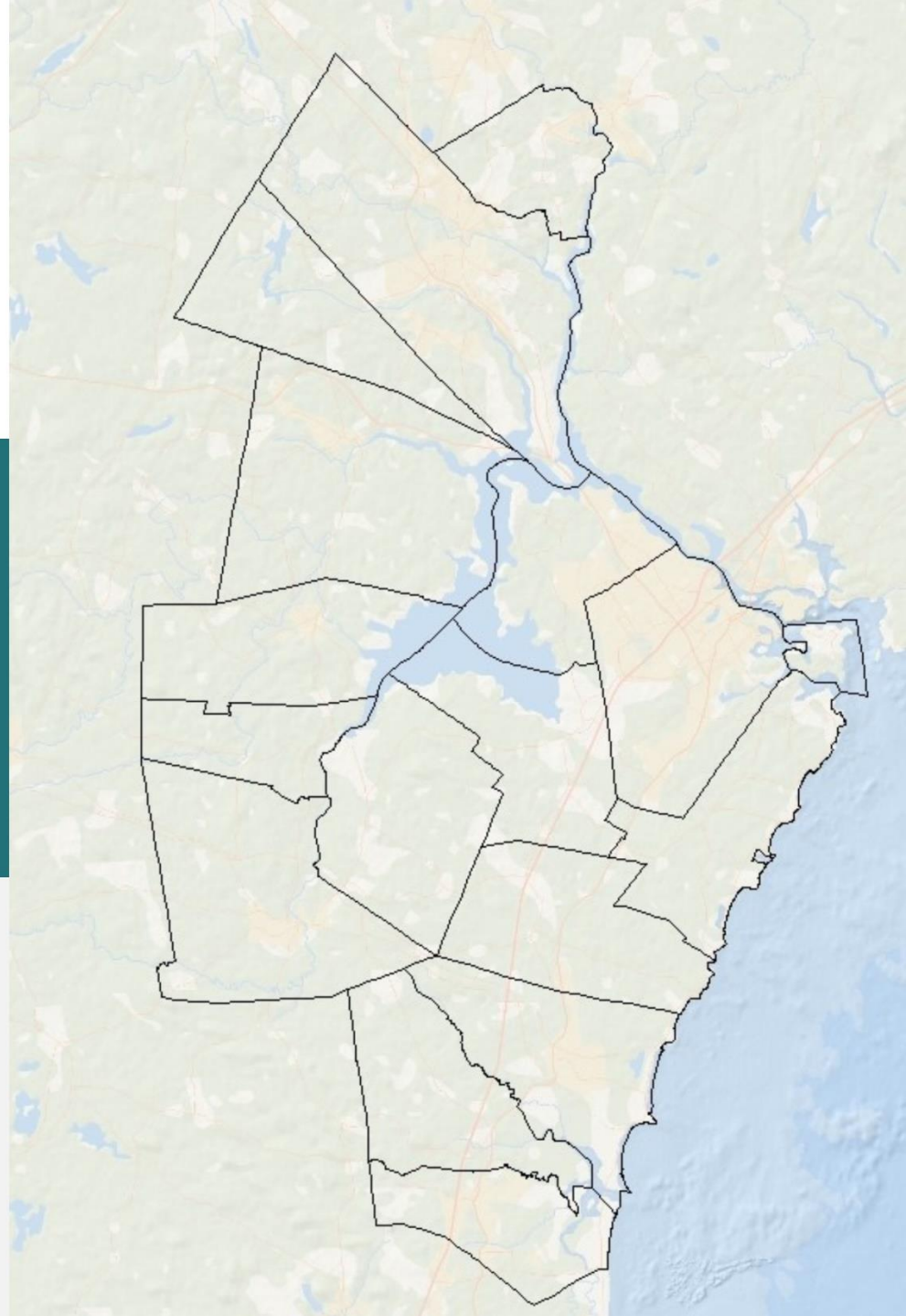
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# FLOODPLAIN ORDINANCES

2013:

TODAY:



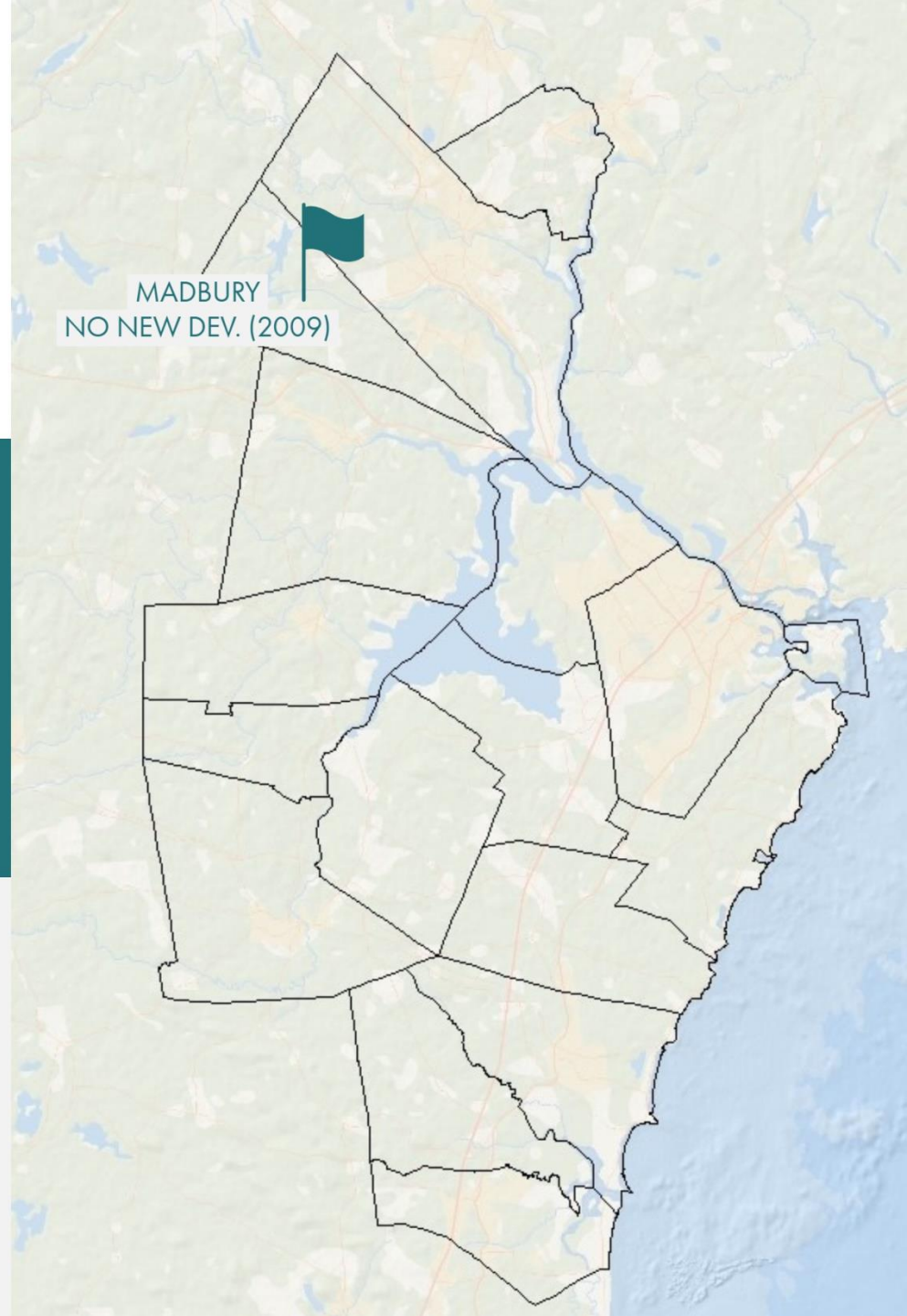


# FLOODPLAIN ORDINANCES

2013:

1

TODAY:





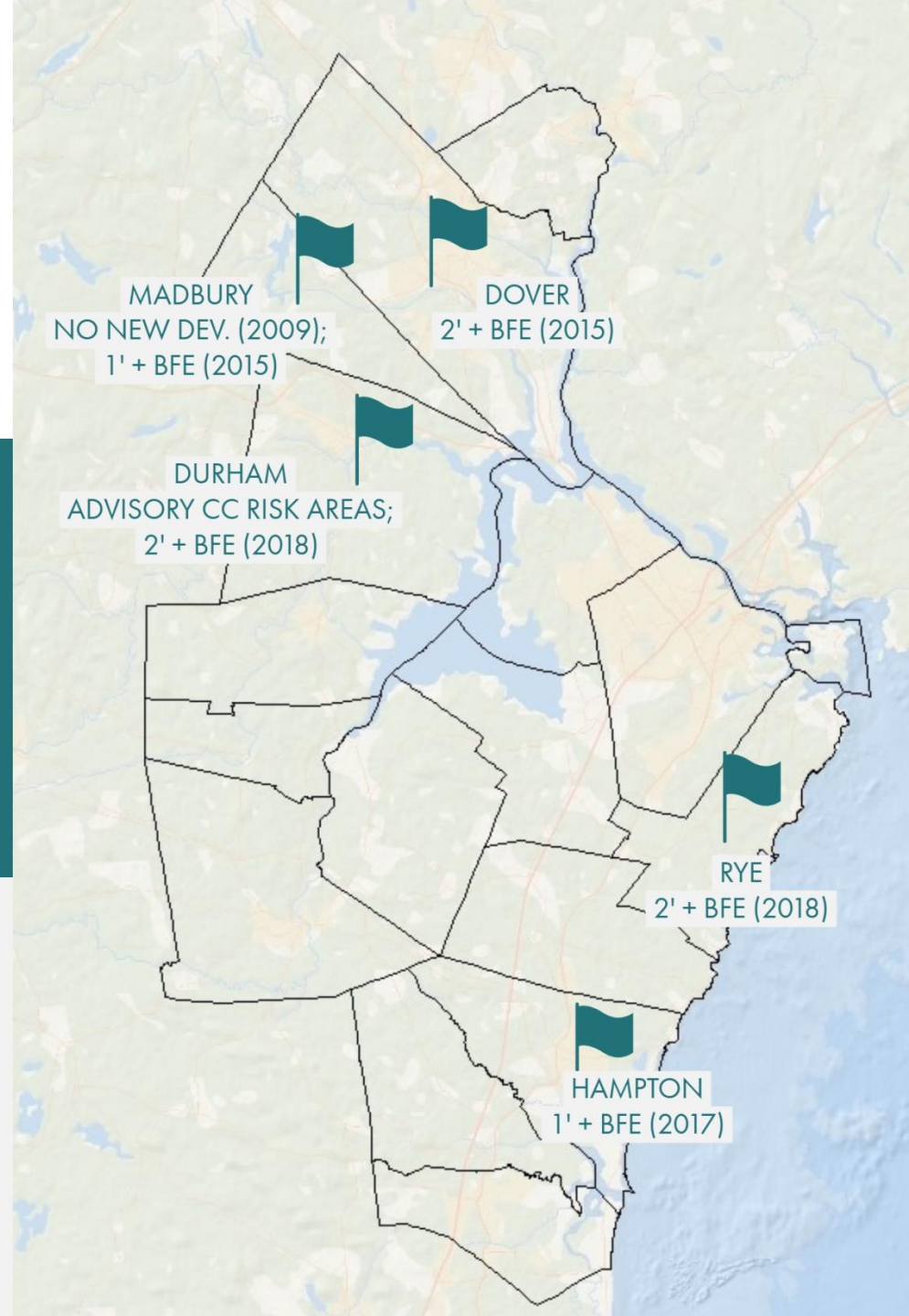
# FLOODPLAIN ORDINANCES

2013:

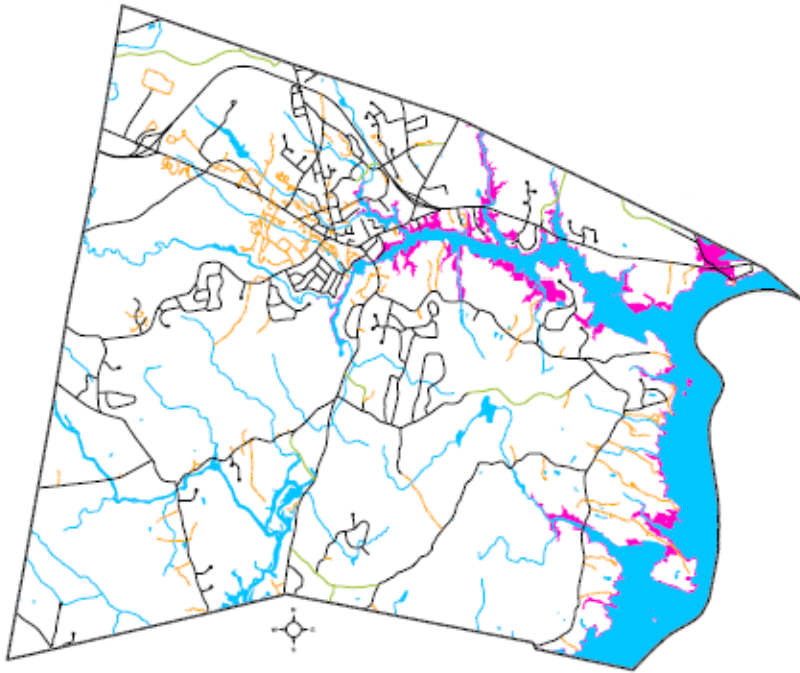
1

TODAY:

5



# IN THE SPOTLIGHT: DURHAM ADVISORY CLIMATE CHANGE RISK AREAS



*Technical assistance provided by:*



“

RECOMMEND  
(BUT NOT REQUIRE)  
COMPLIANCE WITH FLOOD  
HAZARD OVERLAY  
DISTRICT STANDARDS  
FOR AREAS THAT ARE OUTSIDE  
OF THE FLOOD HAZARD AREA BUT  
WITHIN AREAS VULNERABLE  
TO 3.9' SLR + SS

”

# STORMWATER STANDARDS IN THE SPOTLIGHT: EXETER SITE PLAN REVIEW + SUBDIVISION REGS

## New / Redevelopment

Utilize precip. data from NRCC or NOAA Atlas for analysis + design of stormwater systems + treatment practices

## Stormwater Mgmt. Plan Requirements

Review C-RiSe maps

Show projected flood extent and flood depth from SLR + SS

Consider projected flood conditions in design

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THANK  
YOU

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