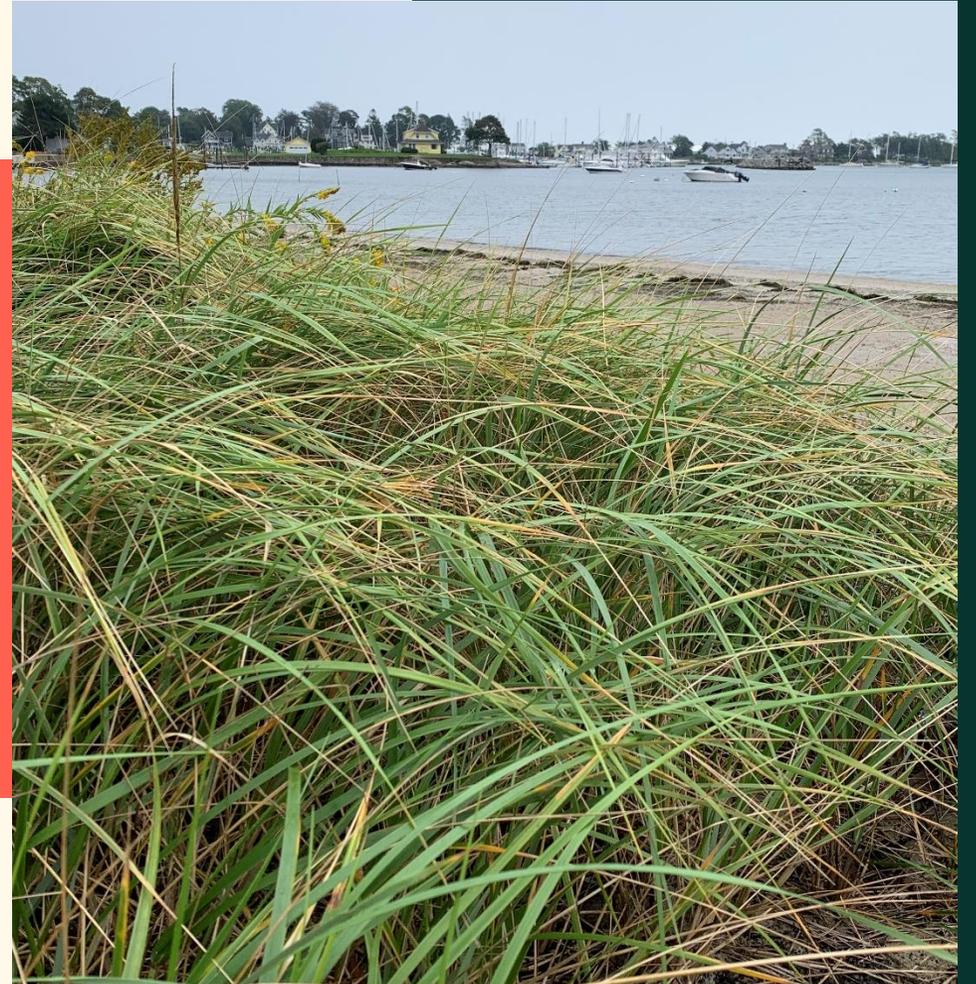


# Climate Ready Groton

*Local HMPCAP*

*Implementation through  
Groton's Climate Planning*

Megan Granato  
Sustainability and Resilience Manager  
Town of Groton





# Council leadership

2021

*Resolution of Commitment to Address Climate Change, Resiliency, and Sustainability as a Central Management Principle for all Actions of the Town Government*

Approved on March 2, 2021, this resolution committed the Council to becoming a leader on combatting climate change and helping Groton become a more sustainable community.

The resolution also created the Resilience and Sustainability Manager position, which was filled in August 2022.



## 01. Mitigation

How can we reduce Groton's GHG emissions?



## 02. Adaptation

How can we prepare for, and cope with, climate impacts?



## 03. Accountability Framework

How can we transparently track progress?



# Climate Ready Groton: An Action and Implementation Plan

The Climate Ready Groton plan will develop the vision of what a Resilient Groton is and the roadmap of how we will achieve it.

# CLIMATE HAZARDS



sea level rise, storm surge, and coastal flooding



extreme precipitation, stormwater flooding, riparian flooding



extreme temperatures

# CLIMATE HAZARDS



extreme weather,  
storms, and wind



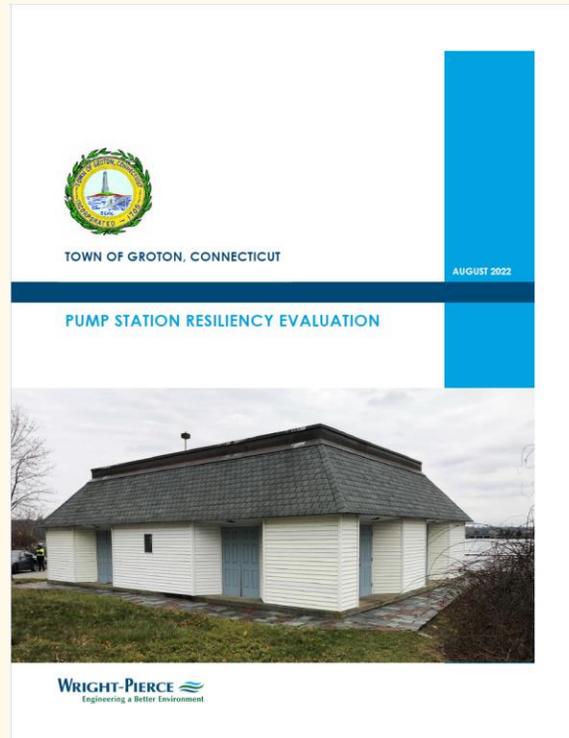
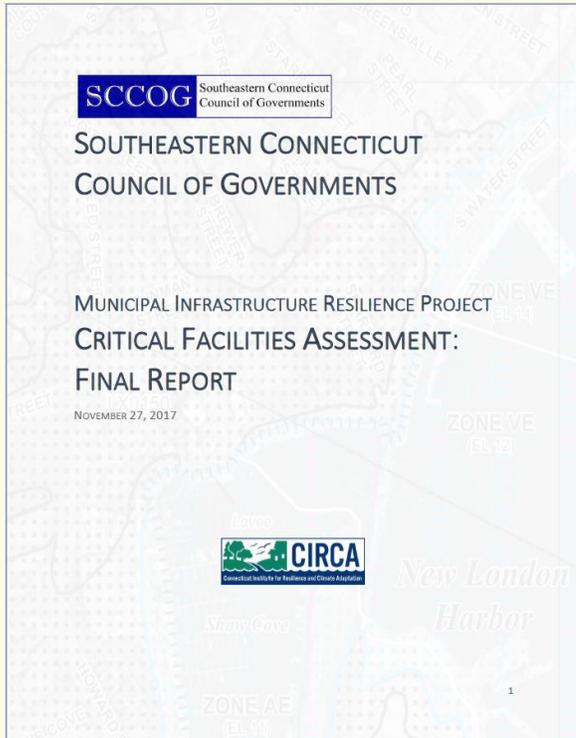
drought



fire

# Plan component: critical infrastructure evaluation

- Build on existing reports and resources
- Consider if/how each facility is used during emergencies
- Think about building access
- Build in system redundancies



Facility Type	Facility	Comments
Emergency Services	Emergency Ops Center	
	Ambulance services	
	Fire districts	some in 100 year floodplain
Municipal Facilities	Town Hall	
	Town Garage	
	Thrive 55+	shelter
	Fitch High School	shelter
	Community Center	partially in 500 year floodplain
Health Care / Senior Living	Nursing homes	
	Senior living facilities	
Other Infrastructure	Groton-New London Airport	
	Sewer pumping stations	some in 100 year floodplain
	Wastewater treatment plant	partially in 500 year floodplain
	Groton Utilities water treatment plant	partially in 500 year floodplain
	U.S. Navy Base	

# FEMA's Community Lifelines Approach

## Community Lifelines

### Definition

A lifeline enables the continuous operation of **critical business and government functions** and is essential to **human health and safety** or **economic security**.

### Purpose

- Root Cause Analysis
- Interdependencies
- Prioritization
- Ease of Communication

### Assessing

- Status → What?
- Impact → So What?
- Actions → Now What?
- Limiting Factors → What's the Gap?

### Community Impact

Occurs when basic lifeline services or capabilities are disrupted and reduce their ability to provide critical services to survivors.

COMPONENTS of Lifelines



# Tie-In with HMPCAP Actions

- Expand the availability of standby power in the Town's critical facilities
- Assess mobility constraints for accessing all emergency shelters and critical facilities
- Install air-conditioning units in emergency shelters so that they can be used safely during summertime emergencies
- Seek funding to assess/study all roads/highways susceptible to storm surge, sea level rise, severe rainfall flooding events, sunny day flooding, etc.
- Study risk of storm surge inundation in coastal floodplain areas – study to include assessment of critical infrastructure, homes, and businesses



Thank you

