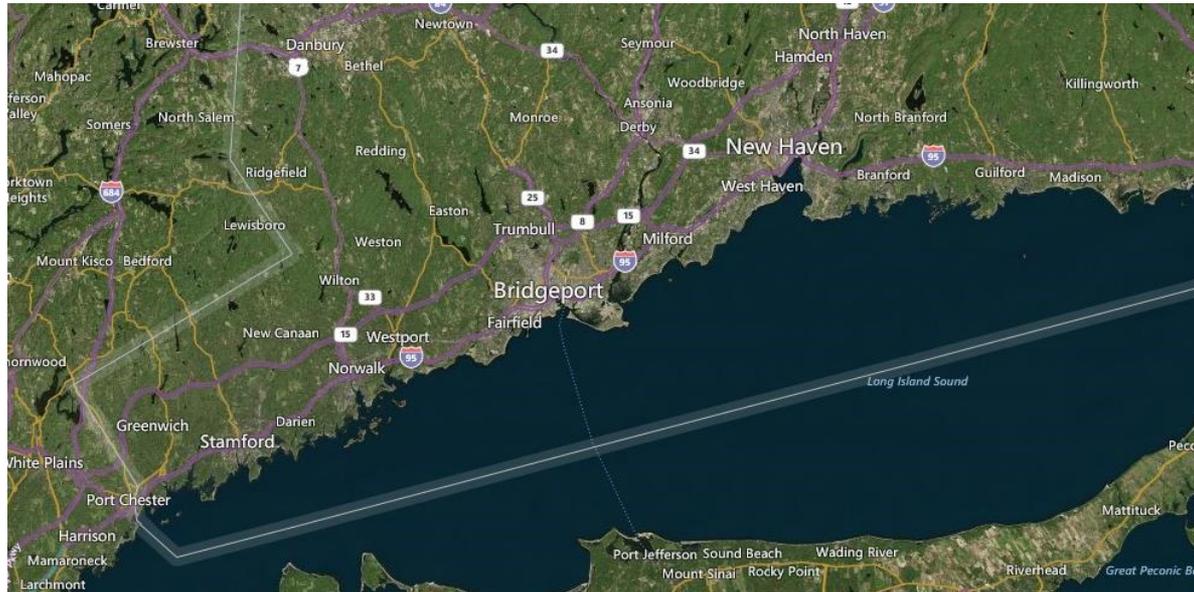


# SAFR Connecticut Connections

webinar for prospective partners representing geographies for potential pilot projects



# Webinar Overview

- NDRC Phase 1 Overview
- The need for one (or a few) “pilot geographies”
- Solicitation of Interest to be the pilot geography for Phase 2 of the NDRC process

# SAFR Connecticut Connections

Overview of The State of Connecticut  
Phase 1 Application for the  
HUD National Disaster Resilience Competition

# What is HUD's National Disaster Resilience Competition

- Dispersing remaining CDBG Recovery Funds \$720 Million Total Available (\$181M set aside for NY and NJ)
- Maximum Award is \$500M, minimum is \$1M
- 67 Eligible Applicants (inc. NY, NYC, NJ, FL, CA)
- More info:
  - <https://www.hudexchange.info/programs/cdbg-dr/resilient-recovery>
  - <https://www.hudexchange.info/news/ndrc-webinar-series/>
  - <http://www.rockefellerfoundation.org/our-work/topics/resilience/>



# What is HUD's National Disaster Resilience Competition

“Among major disaster recovery programs, CDBG is notable in its statutory focus on determining and meeting the unmet needs of vulnerable lower-income people and communities and targeting the most impacted and distressed areas. CDBG is also singular in its ability to consider a wide range of local community development objectives related to recovery and economic revitalization, including integrally related resilience objectives. HUD intends that the most successful proposals in this competition will . . . envision and implement recovery projects that serve multiple purposes and position recovering communities for a prosperous and more resilient future”



# HUD's Description for Why You Should Apply:

“One of the key lessons of the Rebuild by Design Process is that, when federal, state, local and philanthropic goals align, community capacity and innovation can leapfrog forward. HUD is confident that every state and local government honestly and wholeheartedly participating ...will benefit from the effort and emerge with a better understanding of the risks it faces today and in the future, what resilience issues to consider in making major public investments, and how to enhance resilience to extreme events and climate change.”



# Six Goals of the HUD NDRC

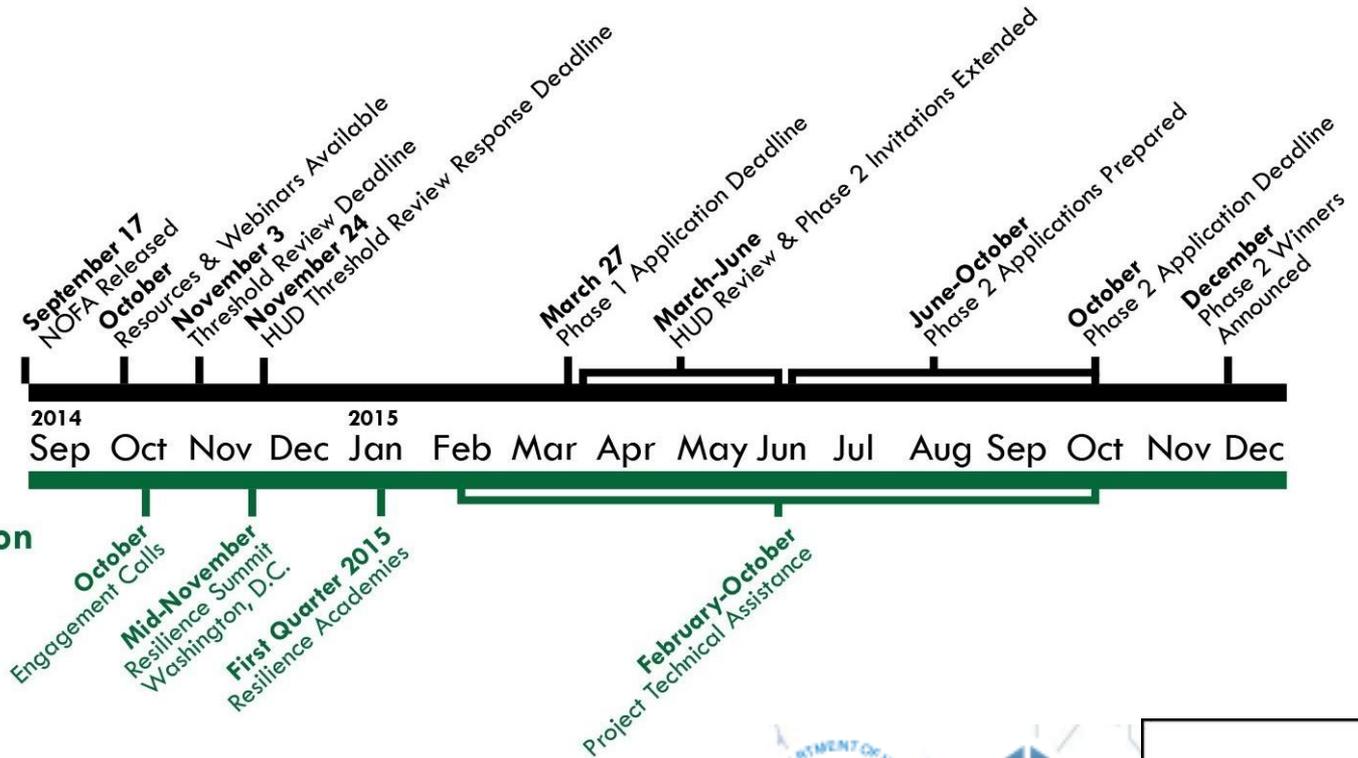
- Fairly allocate remaining CDBG-DR funds.
- Use science-based and forward-looking risk analysis
- Institutionalize resilient approaches.
- Help communities plan and implement recovery in a way that makes them resilient to future extreme weather, economic stresses or other shocks .
- Engage stakeholders on impacts of climate change based on sound science.
- Leverage investments from the philanthropic community throughout the entire process.

# HUD NDRC Deadlines

- Phase I Application: “Framing” (March 27, 2015)
- Phase II Application: “Implementation”  
(invited June 2015, due by October 2015)
- Winners announced December 2015
- Obligate funds by September 30, 2017
- Spend funds within 24 months of obligation,  
September 2019

# HUD NDRC Deadlines & Rockefeller Foundation Support

## NDRC Timeline



## Rockefeller Foundation Capacity Building Initiative



# Phase 1: Risk Analysis and Assessment Planning

- Broadly engage with the community and consult with experts to identify the most impacted communities, unmet recovery needs, and revitalization objectives.
- Discover the most significant vulnerabilities and future risks facing the affected communities using the best available science and data.
- Identify opportunities for regional collaboration or multi-state approaches.
- Engage potential public and private partners.
- Commit to actions that permanently increase community resilience (e.g. building code updates, integration of Hazard Mitigation and Consolidated Plans, etc.)
- Propose innovative approaches to address unmet disaster needs that deliver resilience to future disasters and multiple benefits (e.g. economic revitalization, job creation, community amenities, etc.)

## Phase 2: Design and Implementation

- Continue to engage with the community and consult with experts.
- Refine designs for solutions that address the impacts, risks and vulnerabilities identified in Phase 1.
- Solidify partnerships with public and private partners.
- Demonstrate the feasibility and effectiveness of design innovations.
- Be funded to implement innovative projects and designs, if selected as winners.

# Factor 1: Team Capacity

## The Connecticut Team

- Applicant Agency: DOH
- SAFR | *State Agencies Fostering Resilience*

OPM, DEEP, DOH, DOT, OTG, DEMHS, DECD, CID, DPH, CCM, CIRCA



UConn



# Factor 1: Capacity

- General management capacity
- Cross-disciplinary technical capacity
- Community engagement capacity
- Regional capacity (beyond the MID-URN)
  - Meet a regional threat with a regional solution
- Partners



# Factor 2: Need/ Extent of the Problem

- Consider regional or statewide resilience needs that can be addressed with leveraged funding
- Encouraged to specifically address present and future recovery, revitalization, and resilience needs resulting from current and projected effects of climate change within CT's coastal area
- Consider disaster impacts and resilience needs related to risks or threats, including climate change, in:
  - Public health
  - Direct and indirect economic
  - Social
  - Environmental
  - Cascading impacts and interdependencies within and across communities

# Factor 2: Need/ Extent of the Problem

Qualifying Disaster: Sandy

Most Impacted and Distressed Counties:  
New Haven & Fairfield

Unmet Recovery Needs:

Housing **\$145,000,000+**

Infrastructure **\$22,000,000**

Resilient Bridgeport **\$270,000,000**

*Connecticut passed threshold review Nov. 3*



# Factor 2: Need/Extent of the Problem

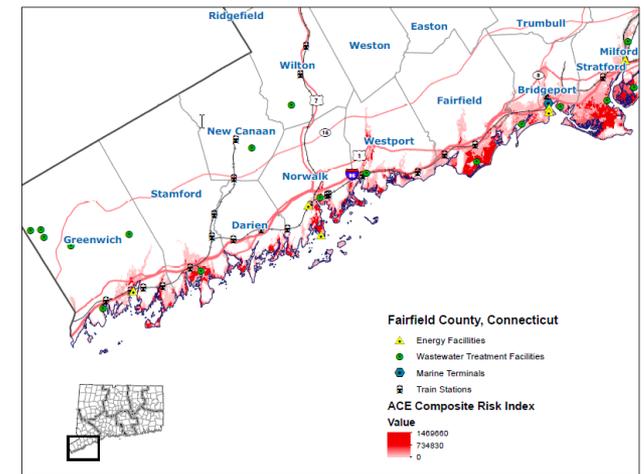
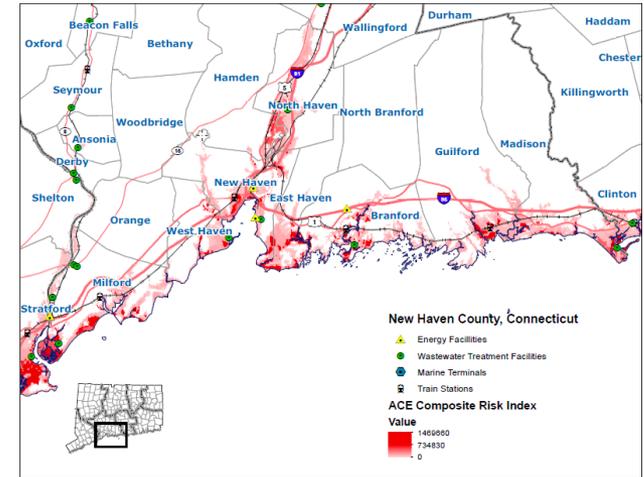
- \$479.9 billion property insured on CT coastline
- 64% of all insured property in the state is in the coastal area (2<sup>nd</sup> to FL)
- 60% forested and densely populated
- 95% of state pop. within 50 miles of coast



# Factor 2: Need/ Extent of the Problem

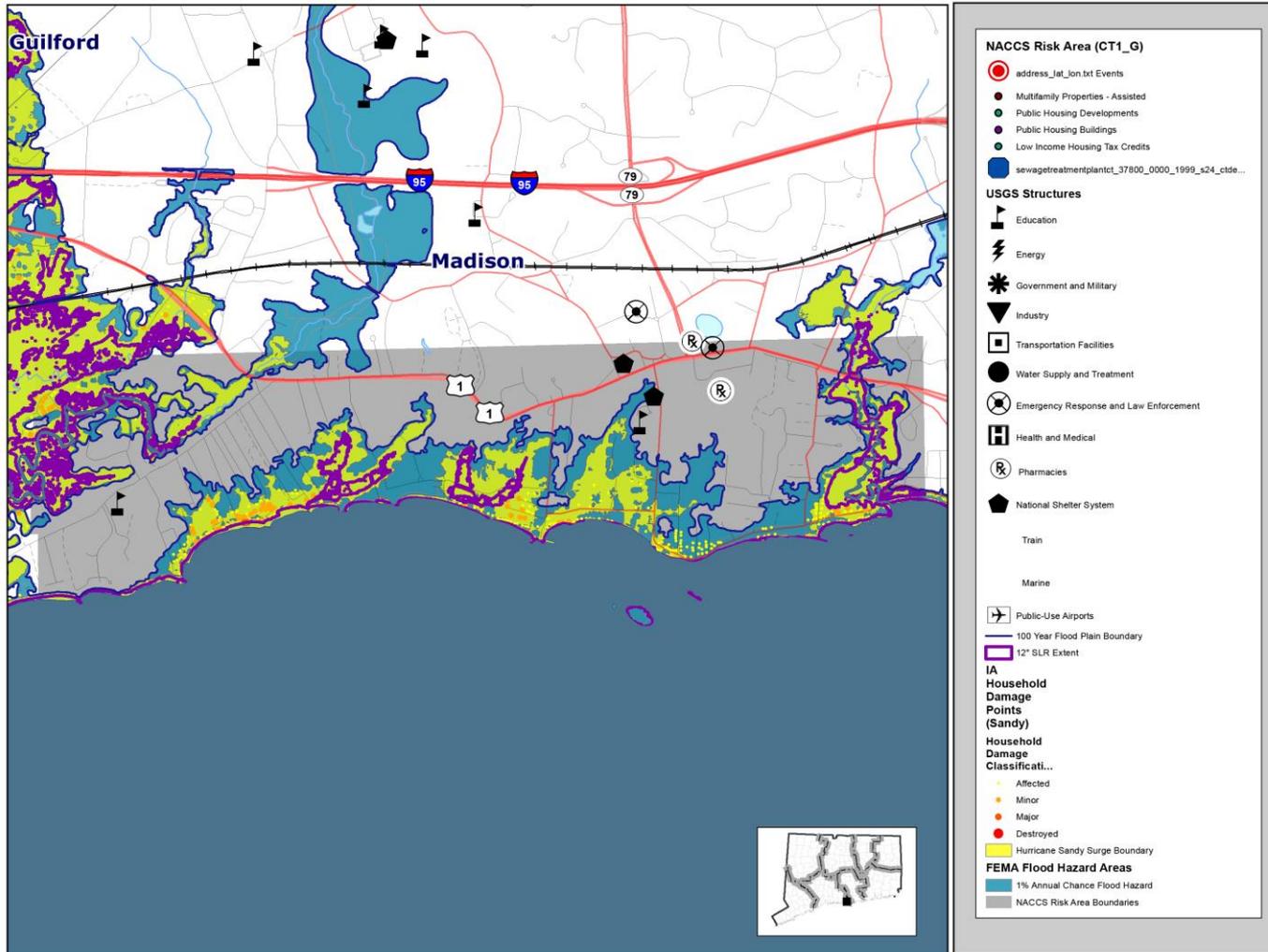
## Vulnerability Assessment

- Assessed potential for inundation
- Considered social and economic vulnerabilities of the areas at risk to flooding from storm events and sea level rise
- Cataloged affected coastal assets
  - Homes
  - Transportation networks
  - Economic drivers
  - Critical infrastructure



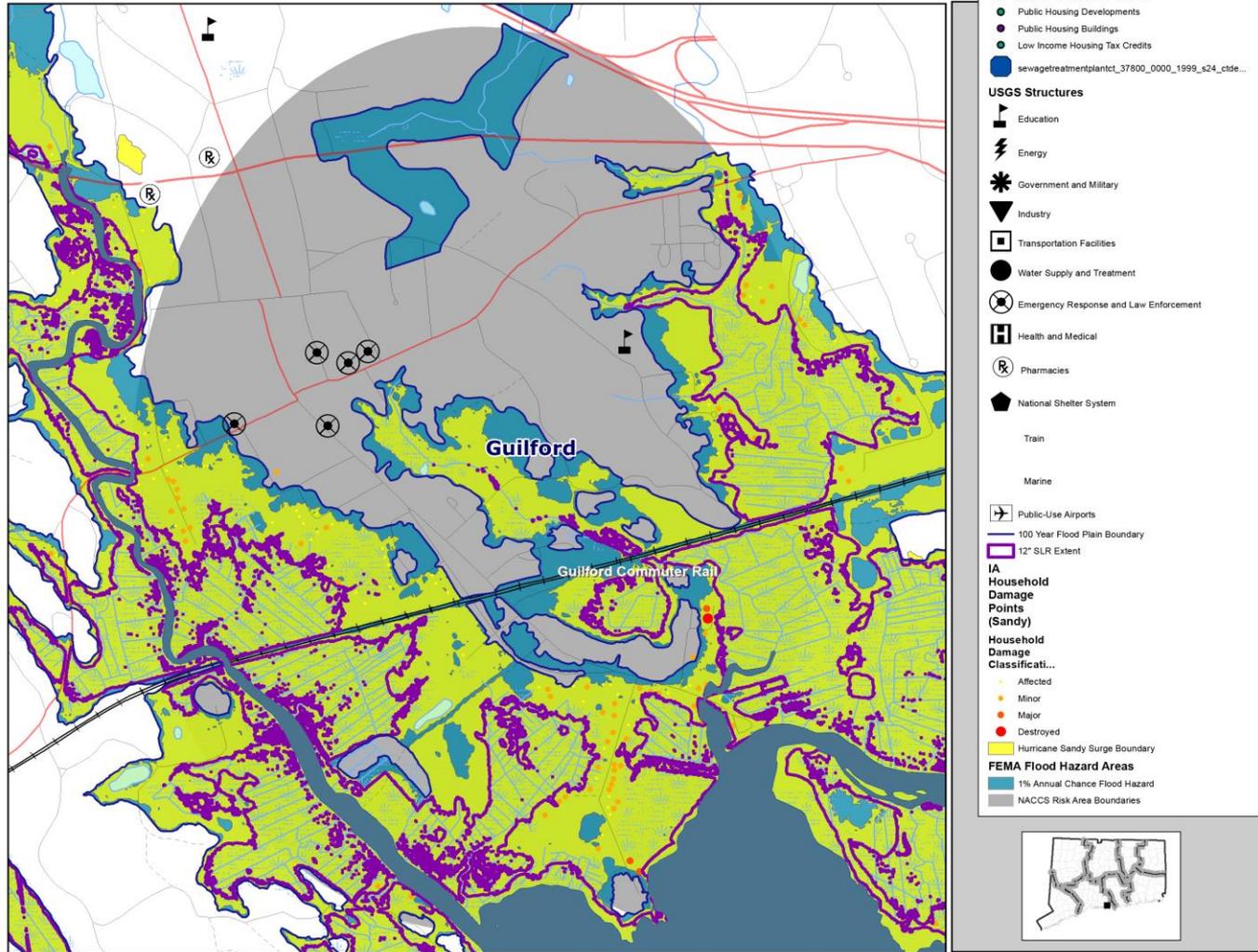
*Army Corps of Engineers Composite Risk Index Value for Fairfield & New Haven Counties*

# Factor 2: Vulnerability Assessment



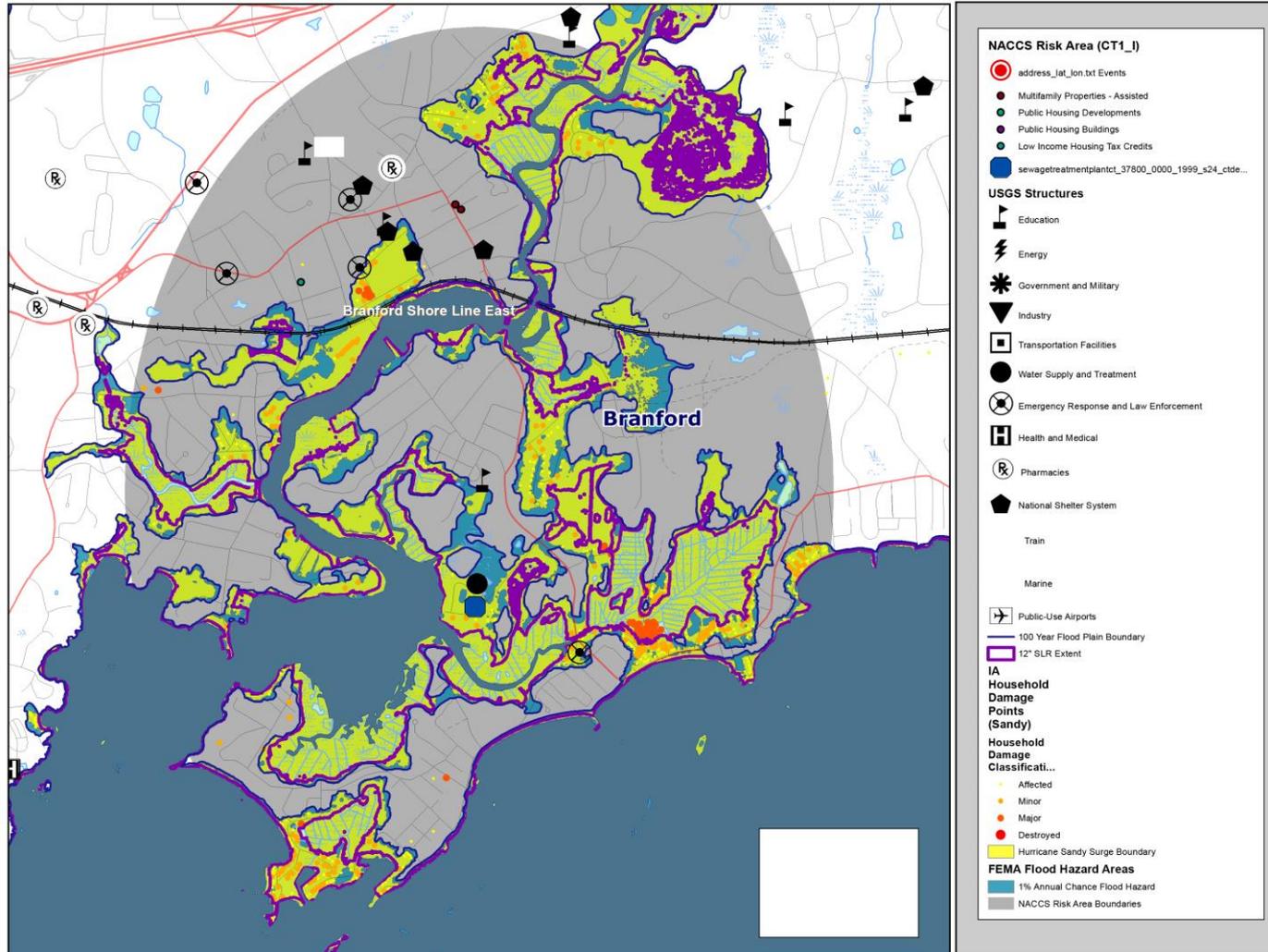
*Army Corps of Engineers High Risk Area for Fairfield & New Haven Counties*

# Factor 2: Vulnerability Assessment



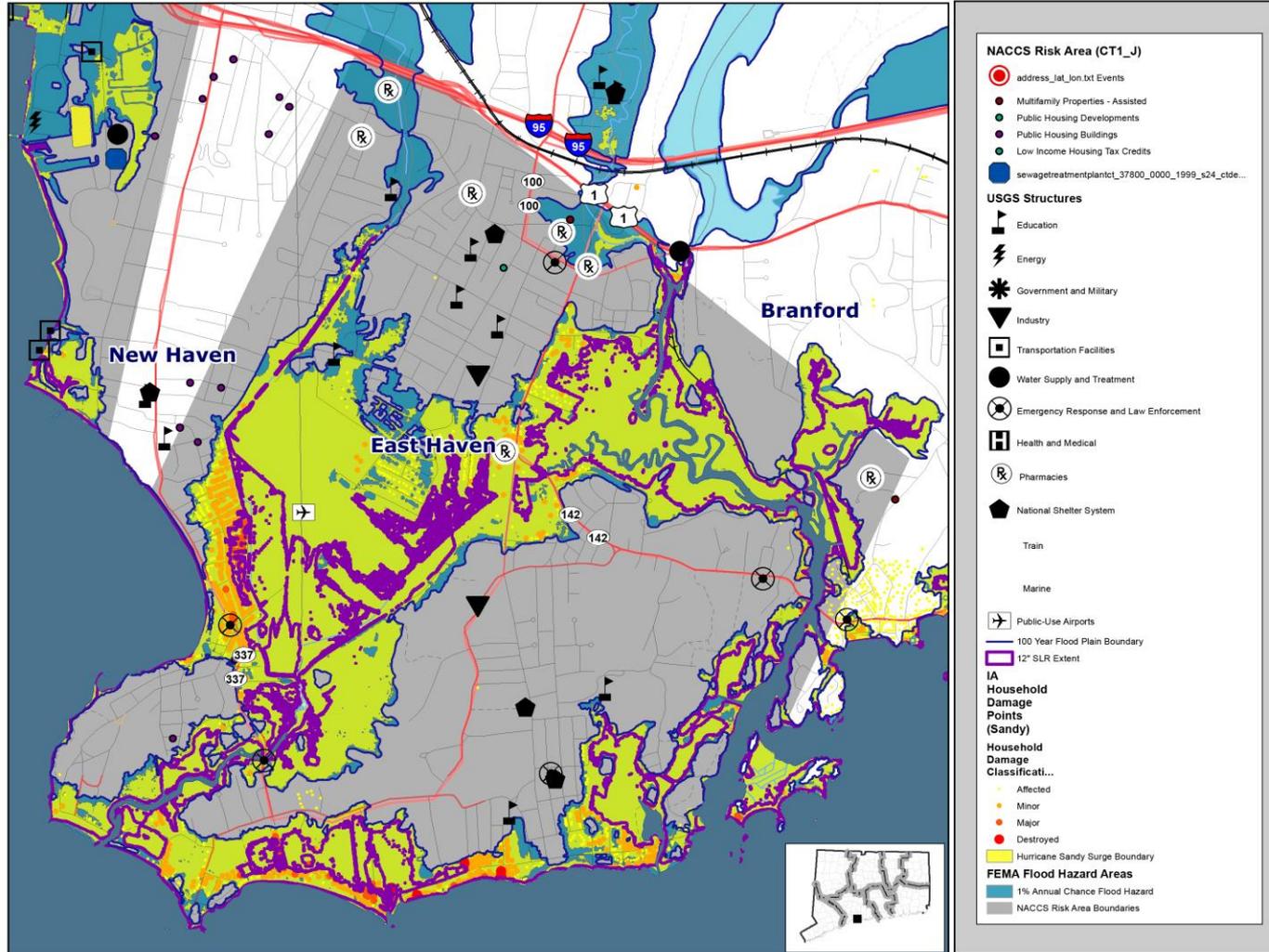
*Army Corps of Engineers High Risk Area for Fairfield & New Haven Counties*

# Factor 2: Vulnerability Assessment



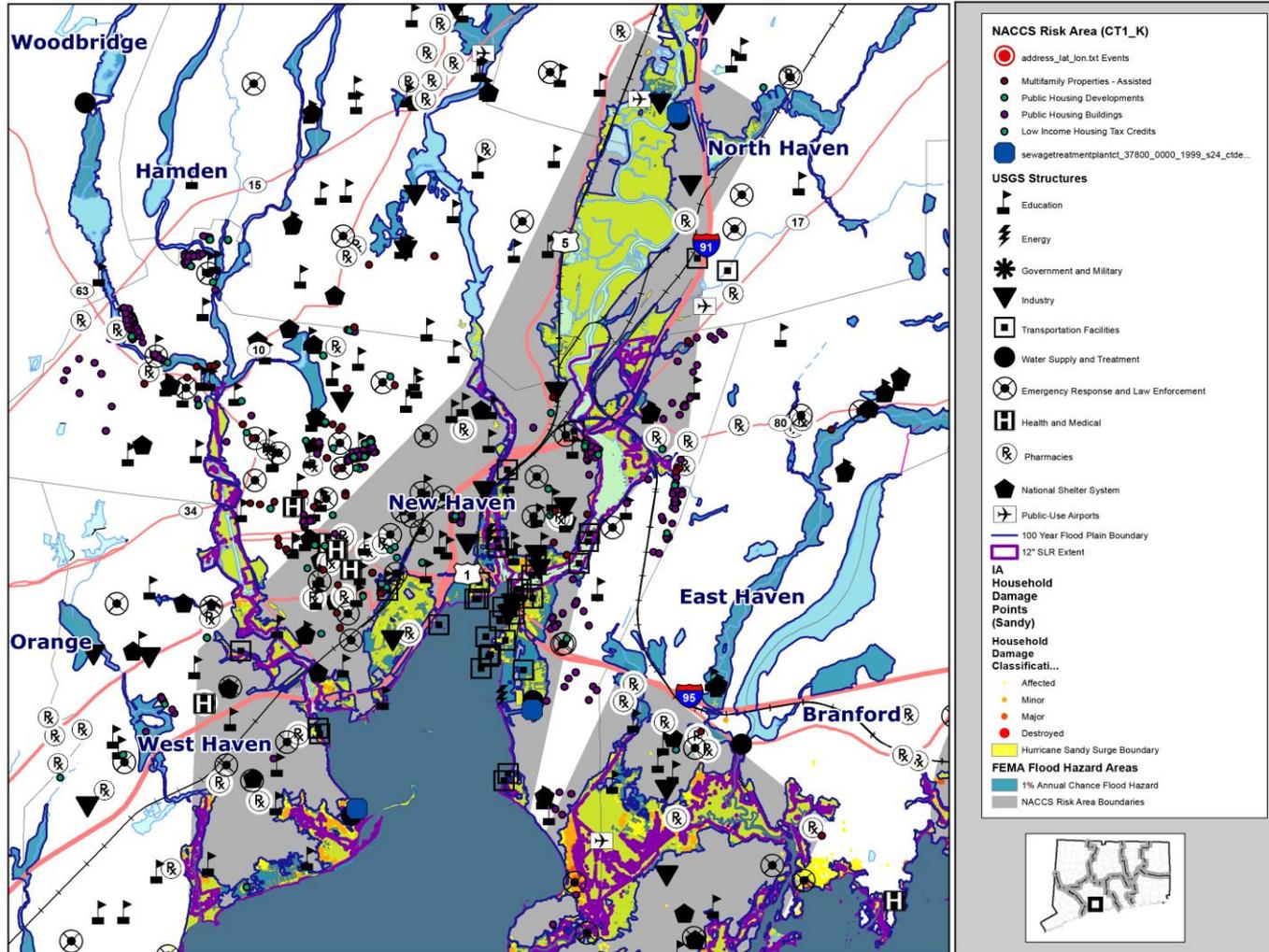
*Army Corps of Engineers High Risk Area for Fairfield & New Haven Counties*

# Factor 2: Vulnerability Assessment



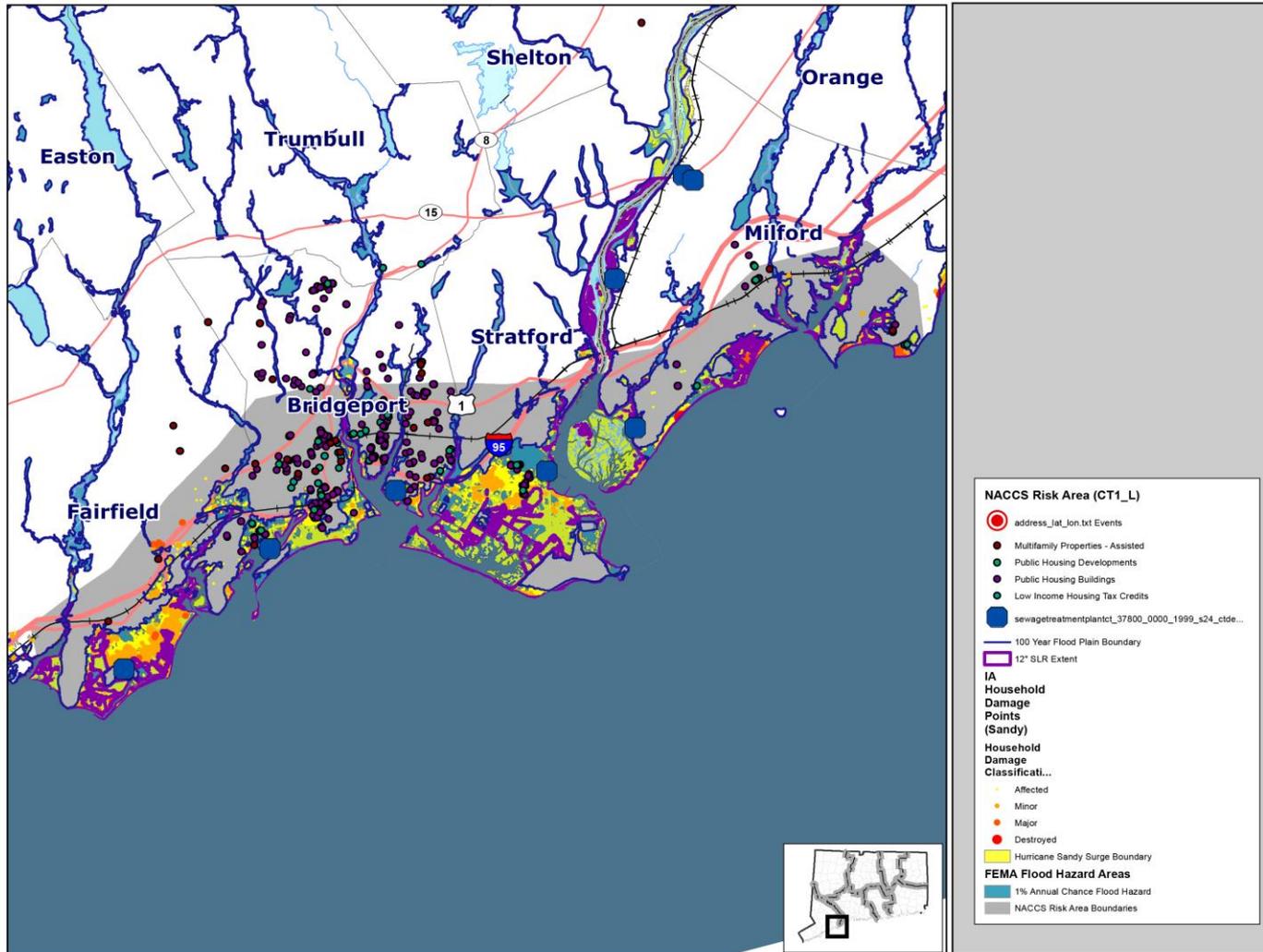
*Army Corps of Engineers High Risk Area for Fairfield & New Haven Counties*

# Factor 2: Vulnerability Assessment



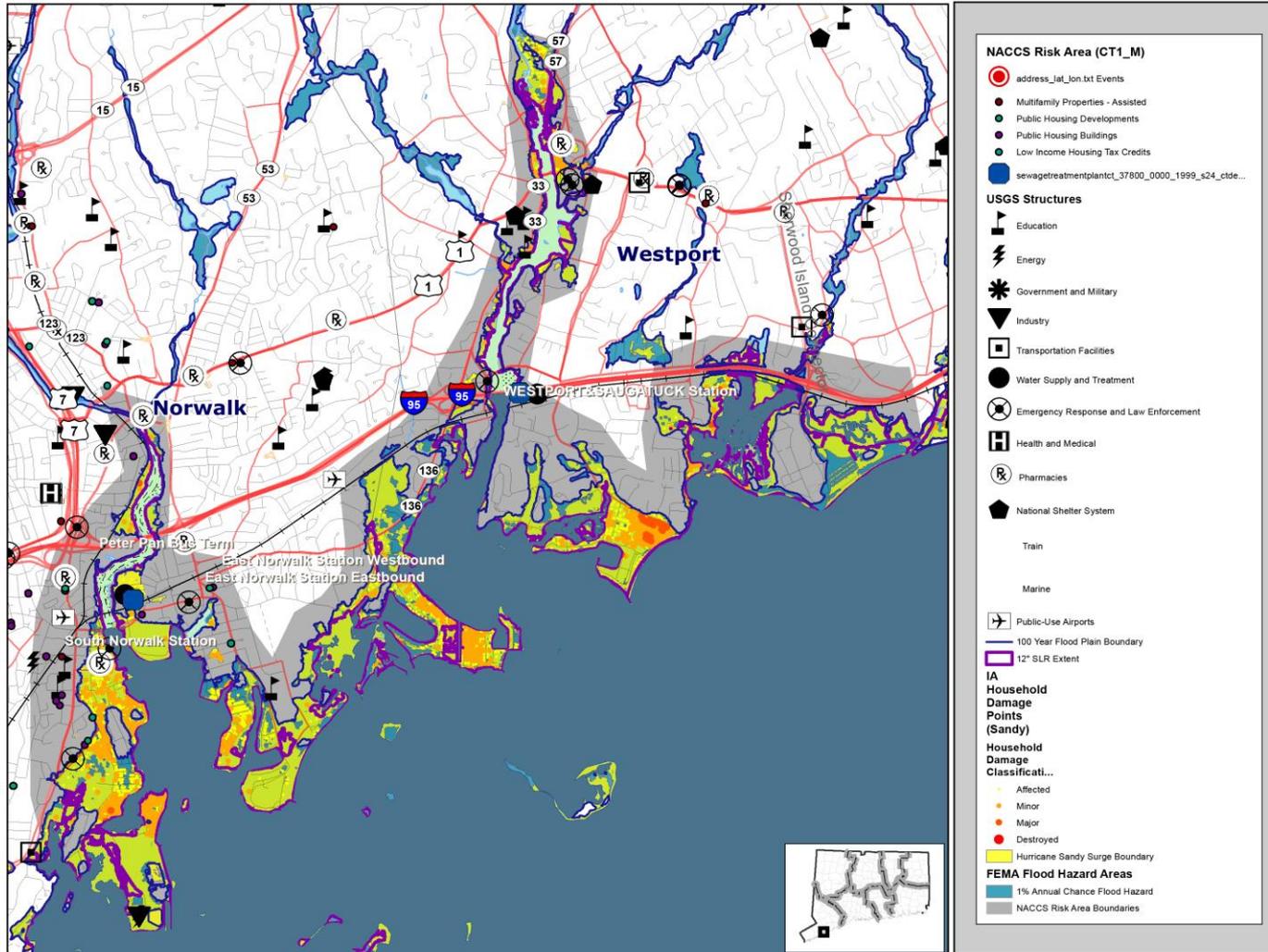
*Army Corps of Engineers High Risk Area for Fairfield & New Haven Counties*

# Factor 2: Vulnerability Assessment



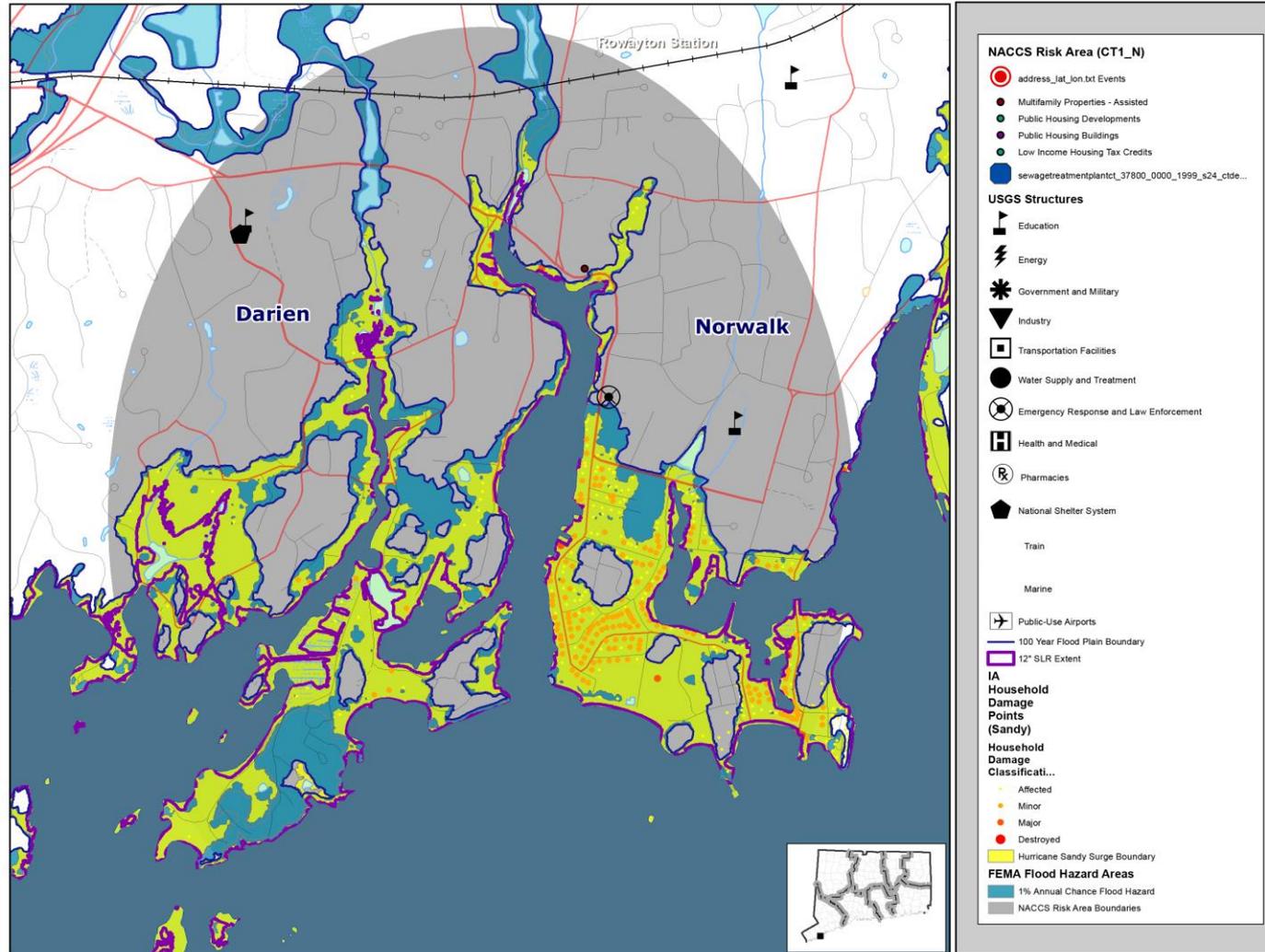
*Army Corps of Engineers High Risk Area for Fairfield & New Haven Counties*

# Factor 2: Vulnerability Assessment



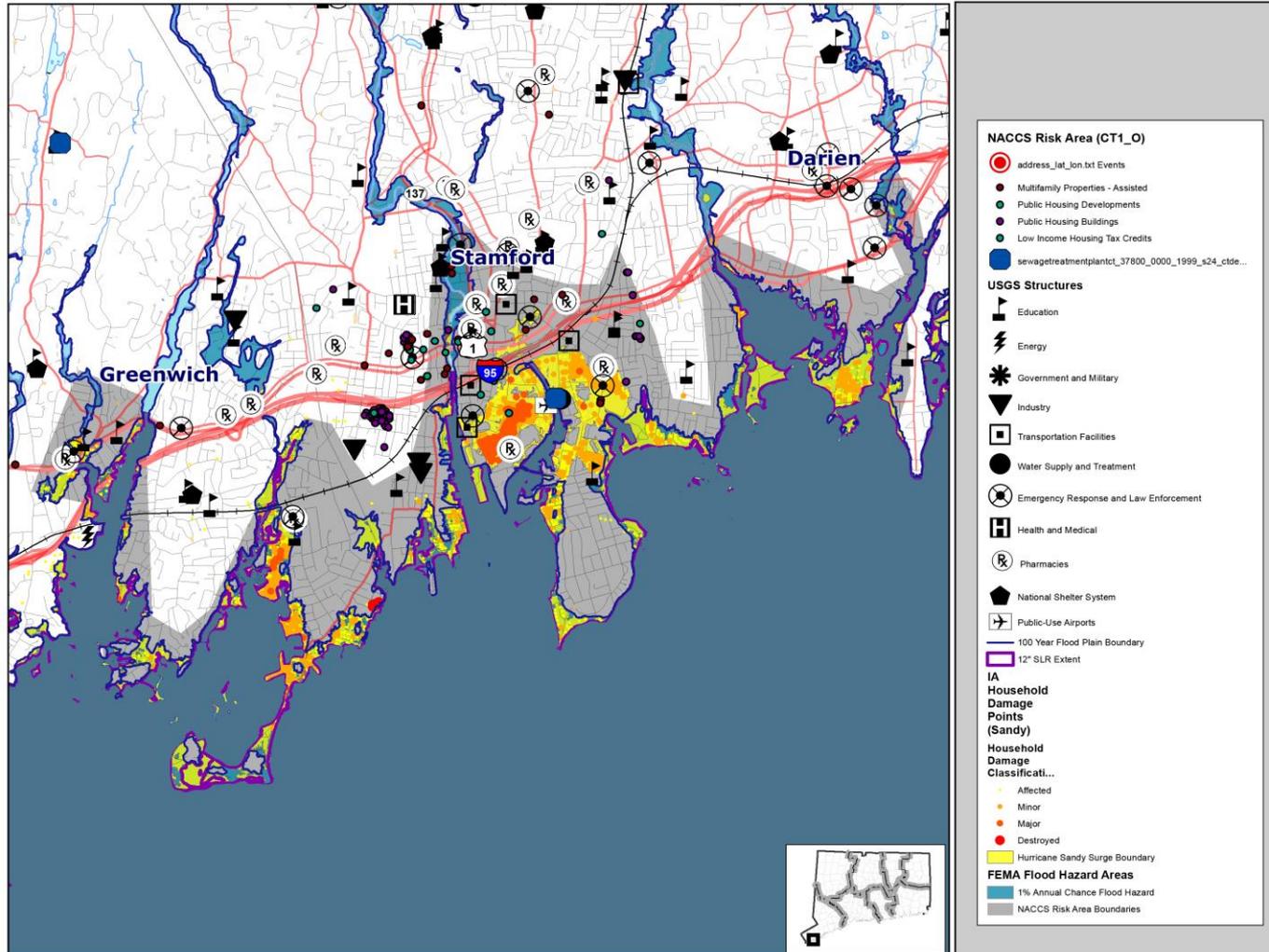
*Army Corps of Engineers High Risk Area for Fairfield & New Haven Counties*

# Factor 2: Vulnerability Assessment



*Army Corps of Engineers High Risk Area for Fairfield & New Haven Counties*

# Factor 2: Vulnerability Assessment



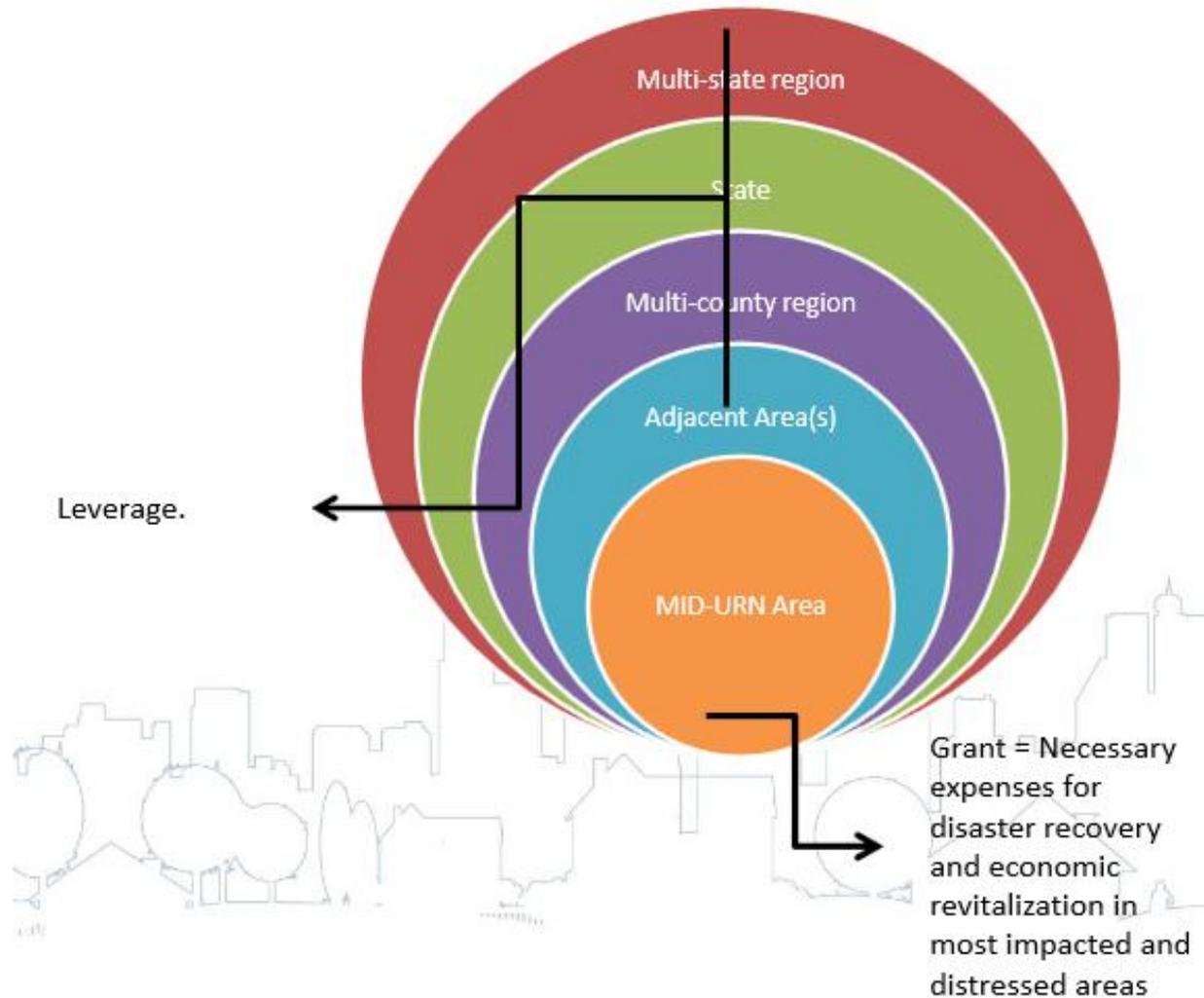
*Army Corps of Engineers High Risk Area for Fairfield & New Haven Counties*

# Factor 3: State's Resilience Priorities

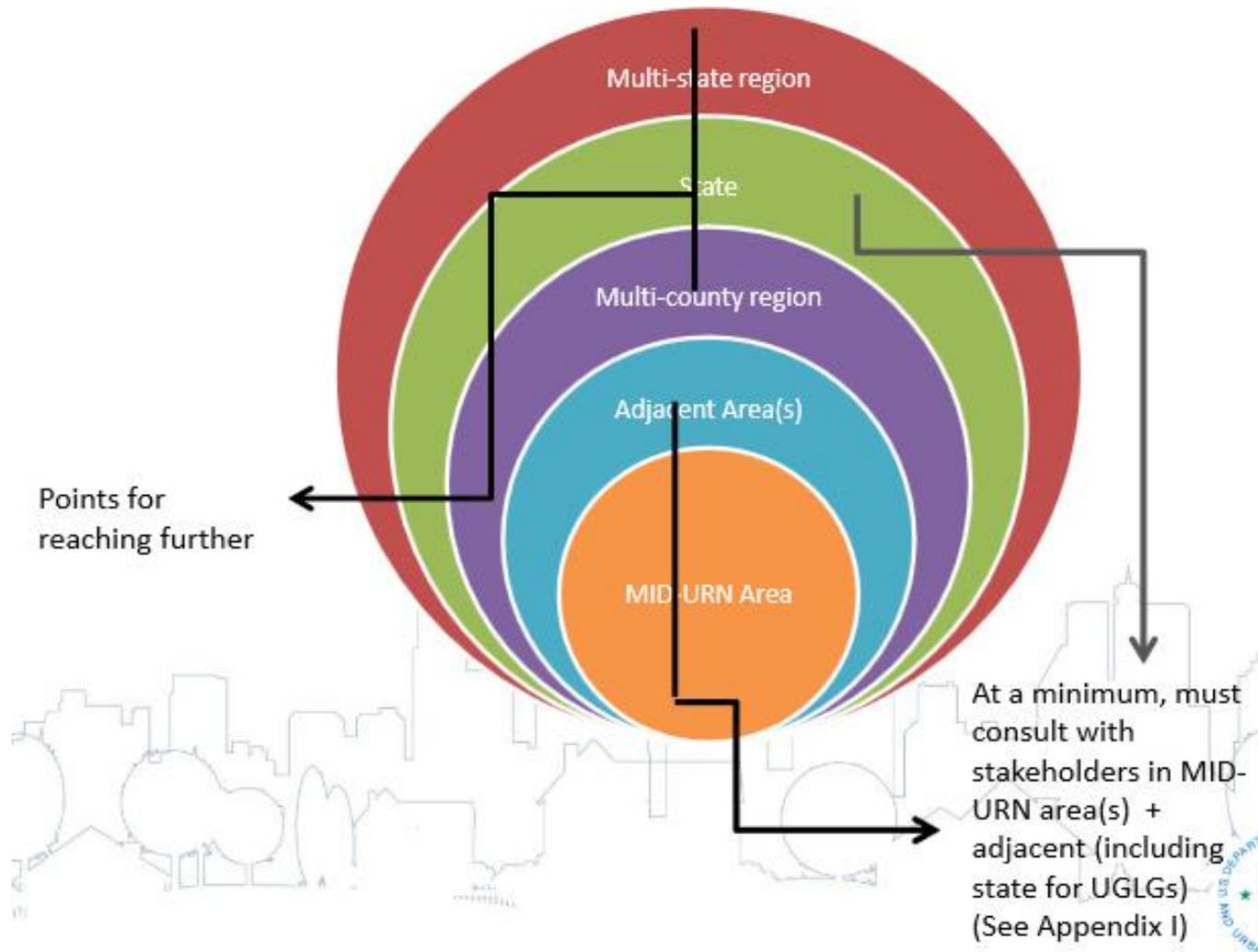
- Governor's message:  
*"Build up, not back"*
- Continuity of Services before, during and after storm
- Transportation & Economic Development



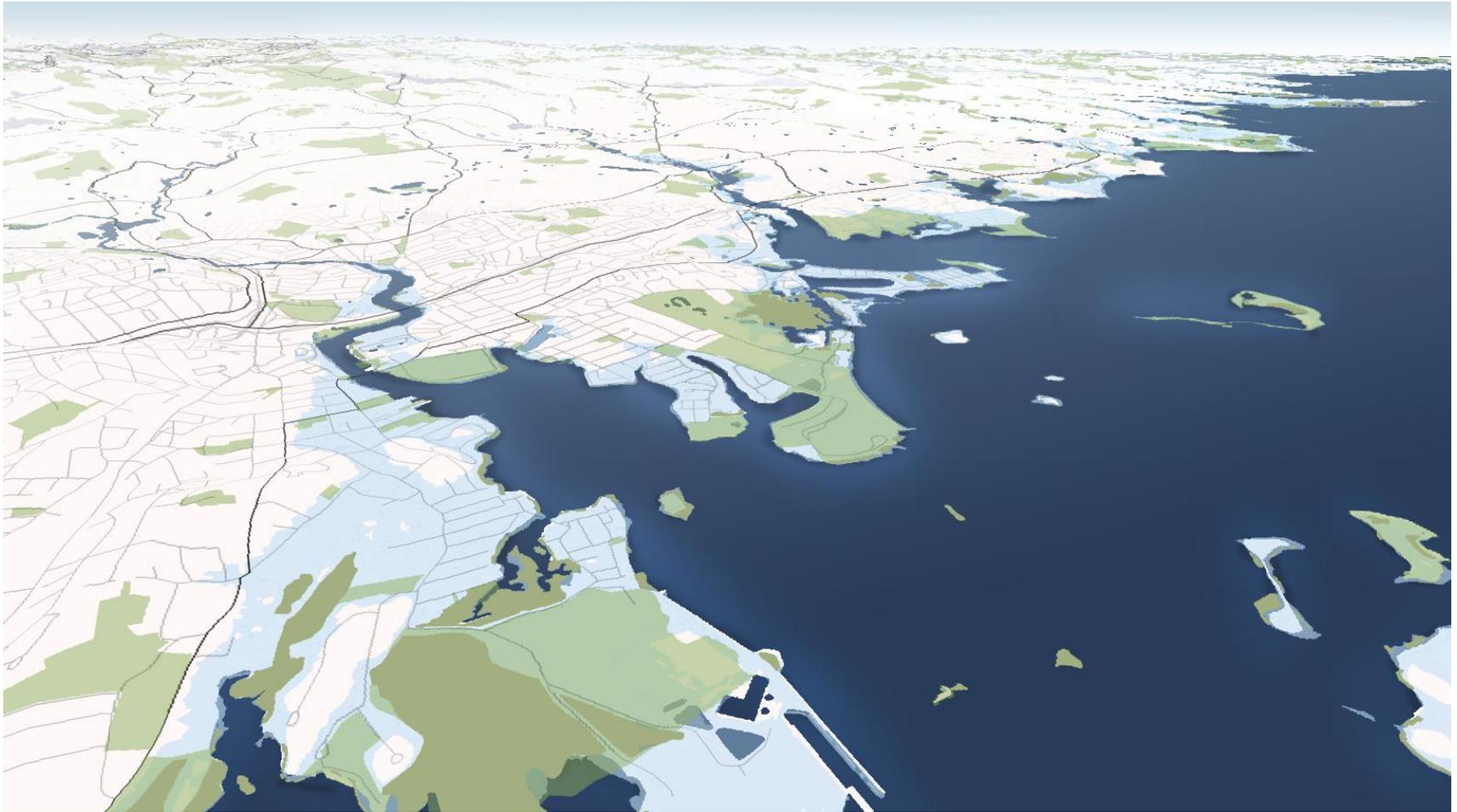
# Factor 3: HUD's priority for regional approach



# Factor 3: HUD's required stakeholder geography

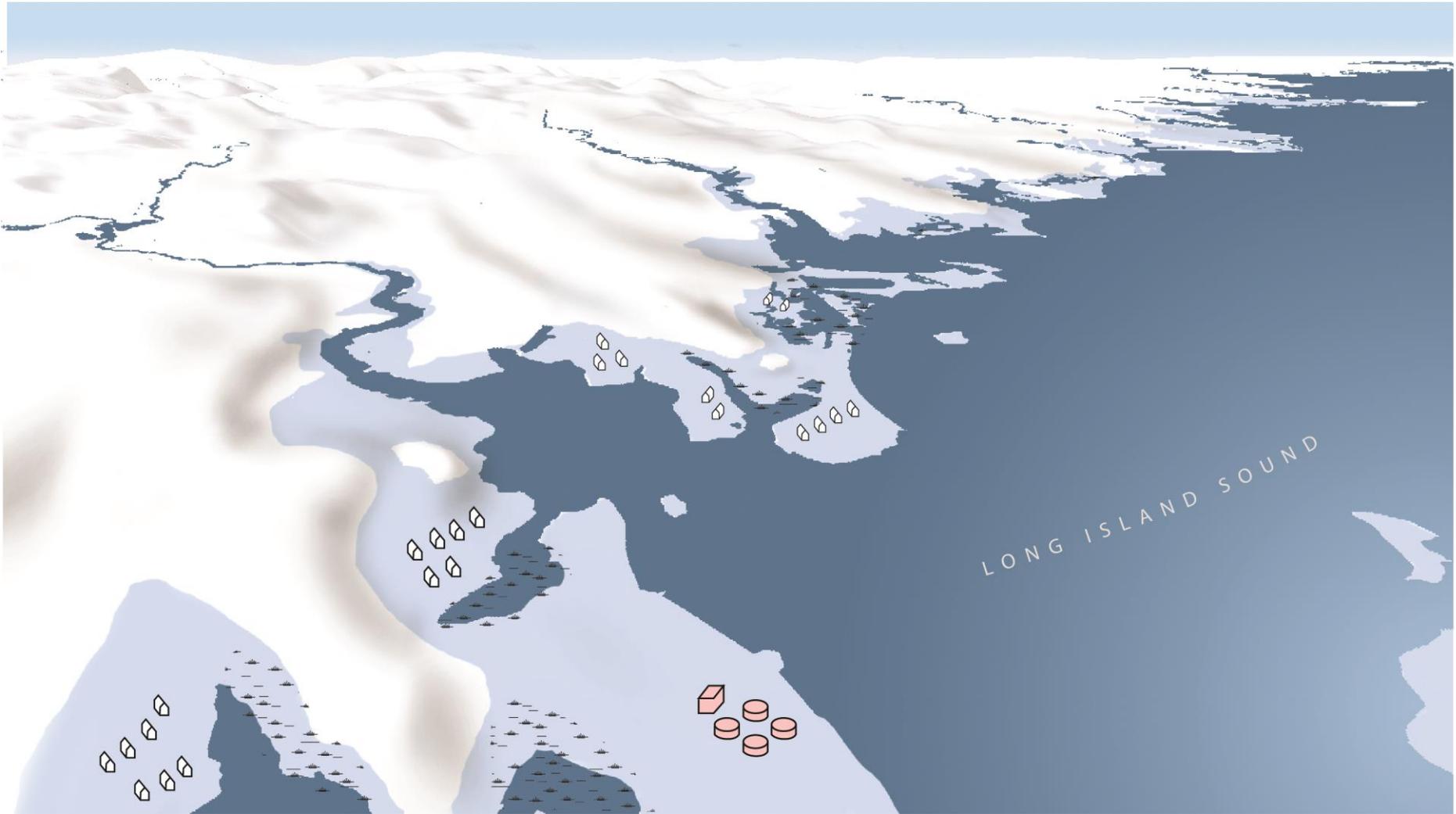


# Factor 3: Vision

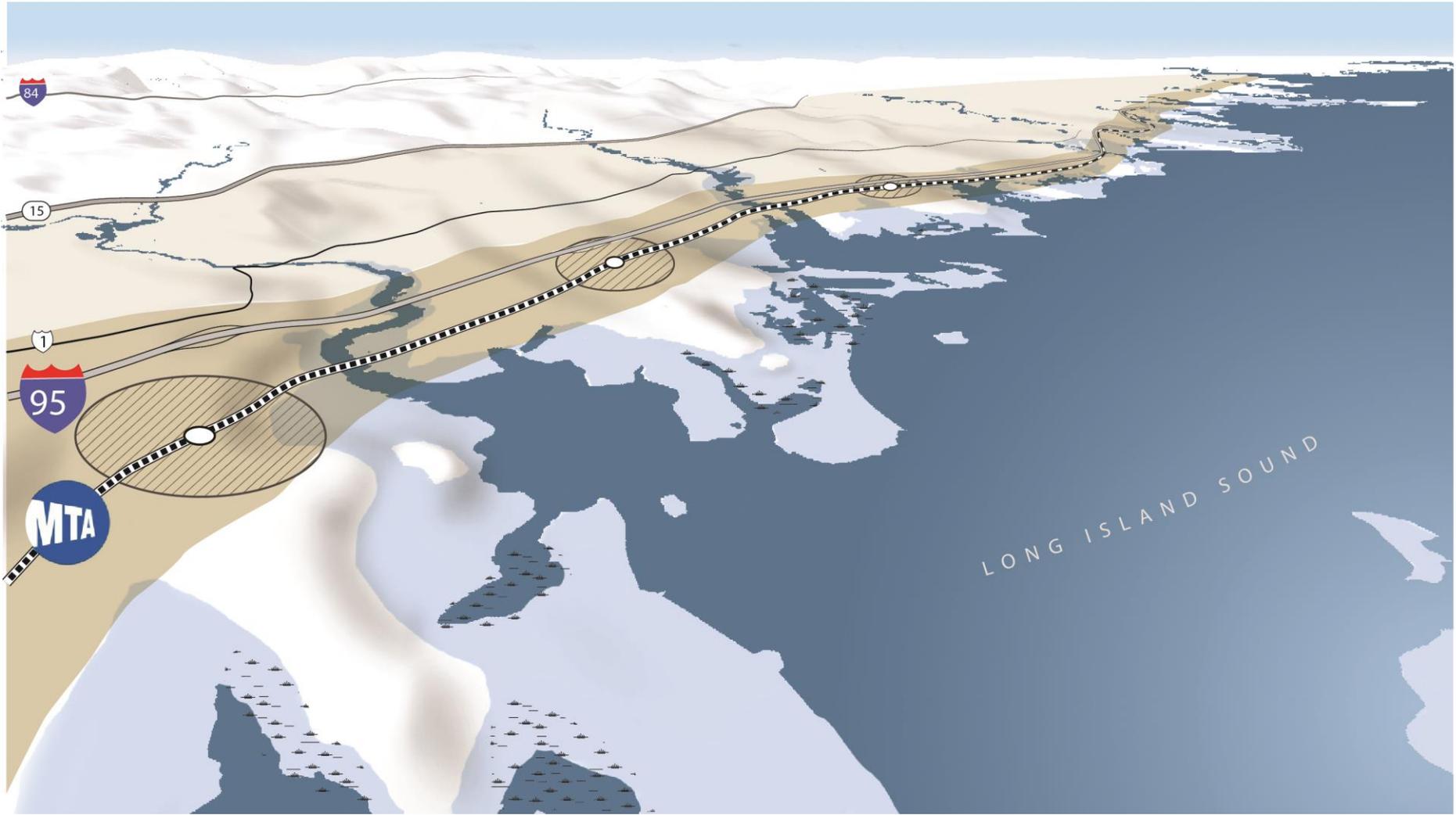


Geology and the physical environment create patches of risk along the coast. Development occurs in both low-lying flood zones and high ground creating patches or zones with different risks.

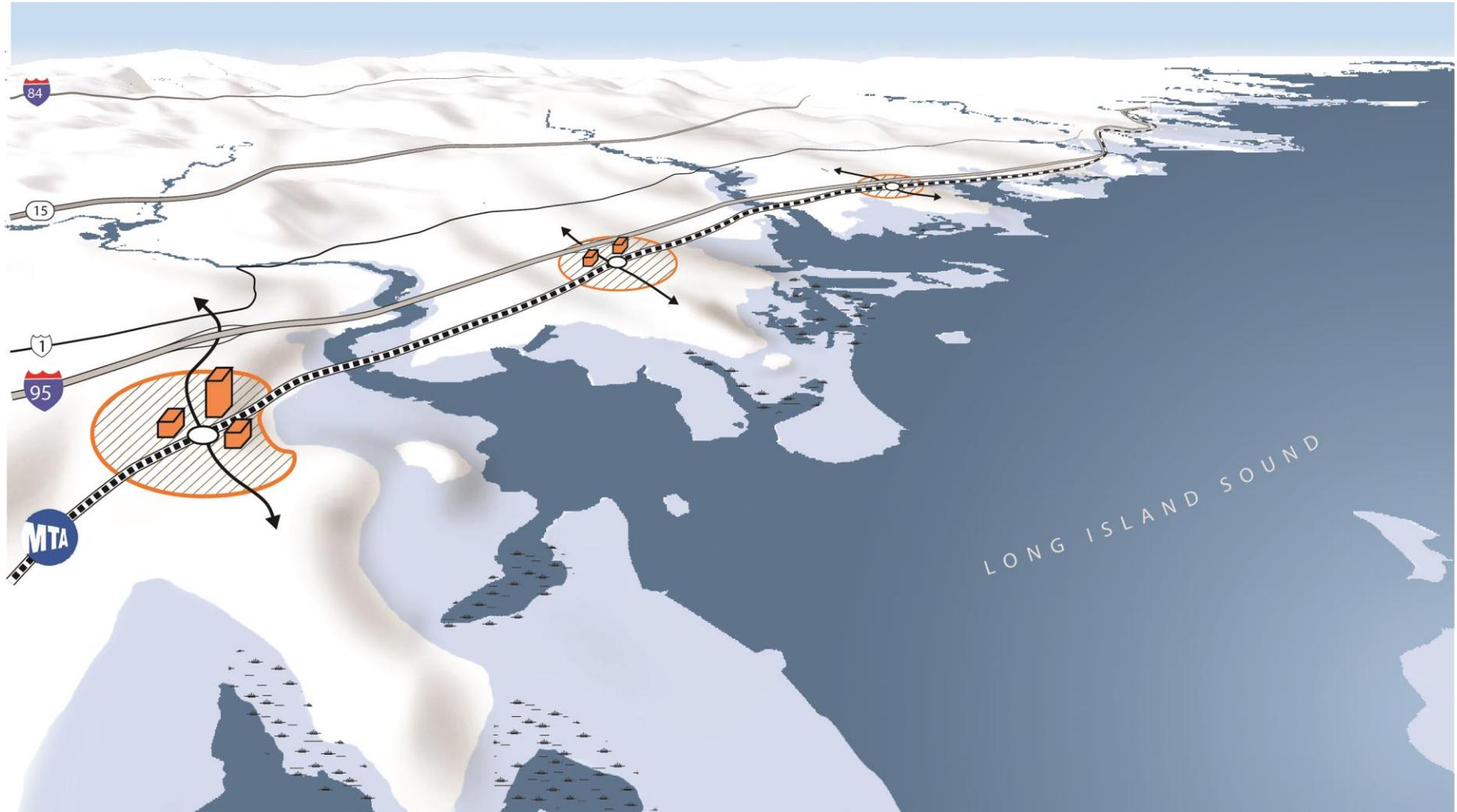
# Factor 3: Vision



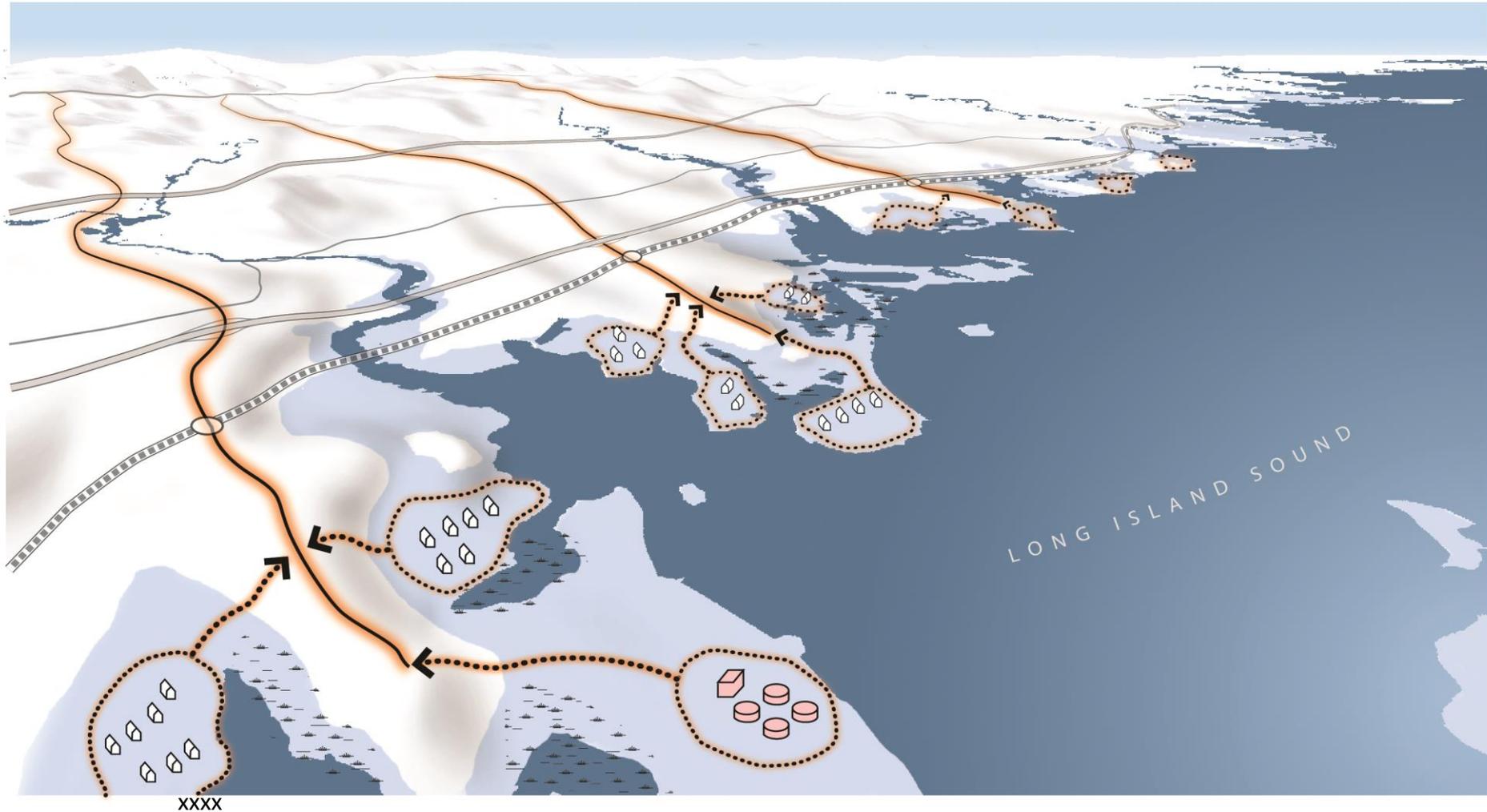
# Factor 3: Vision



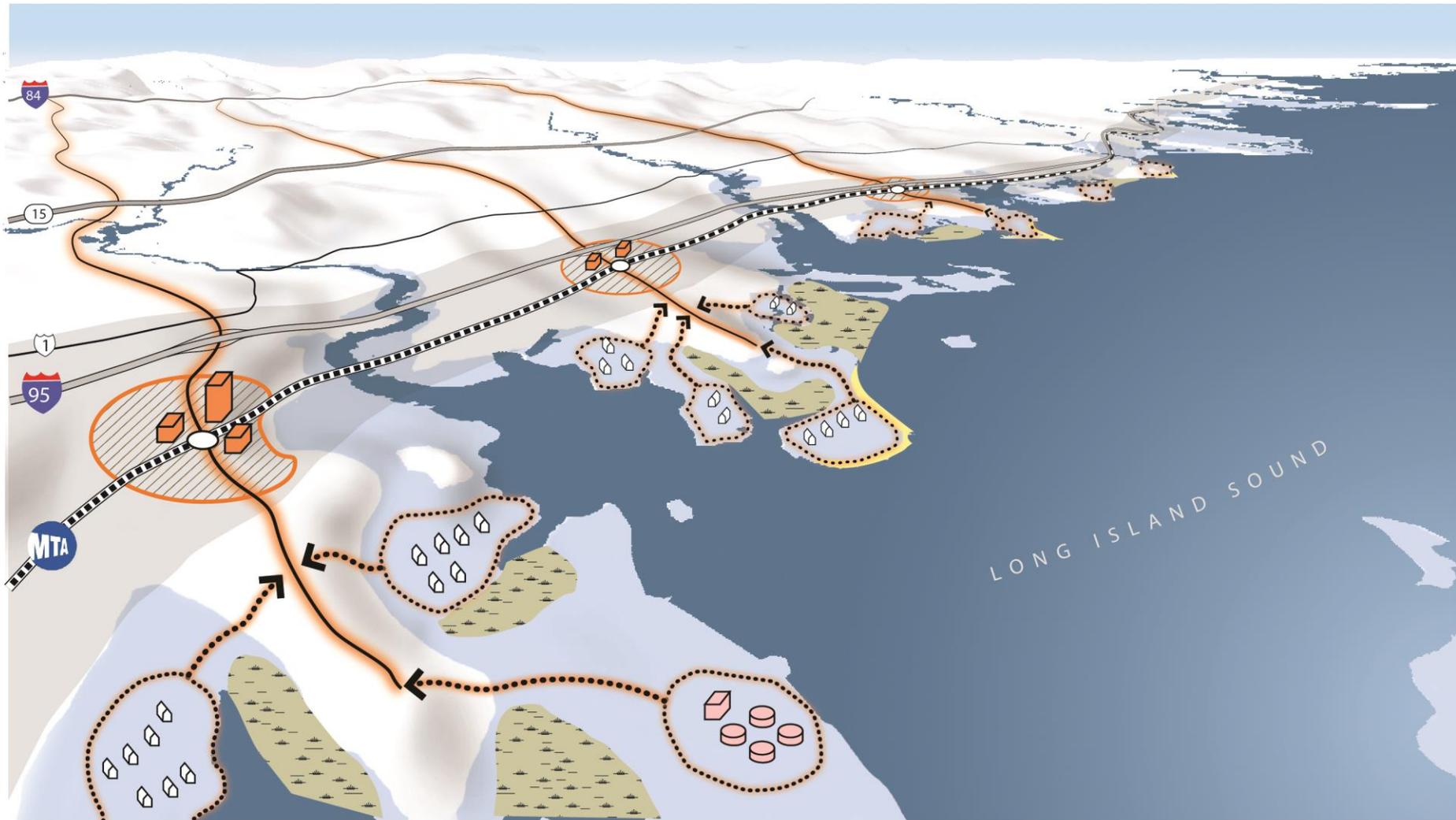
# Factor 3: Vision



# Factor 3: Vision

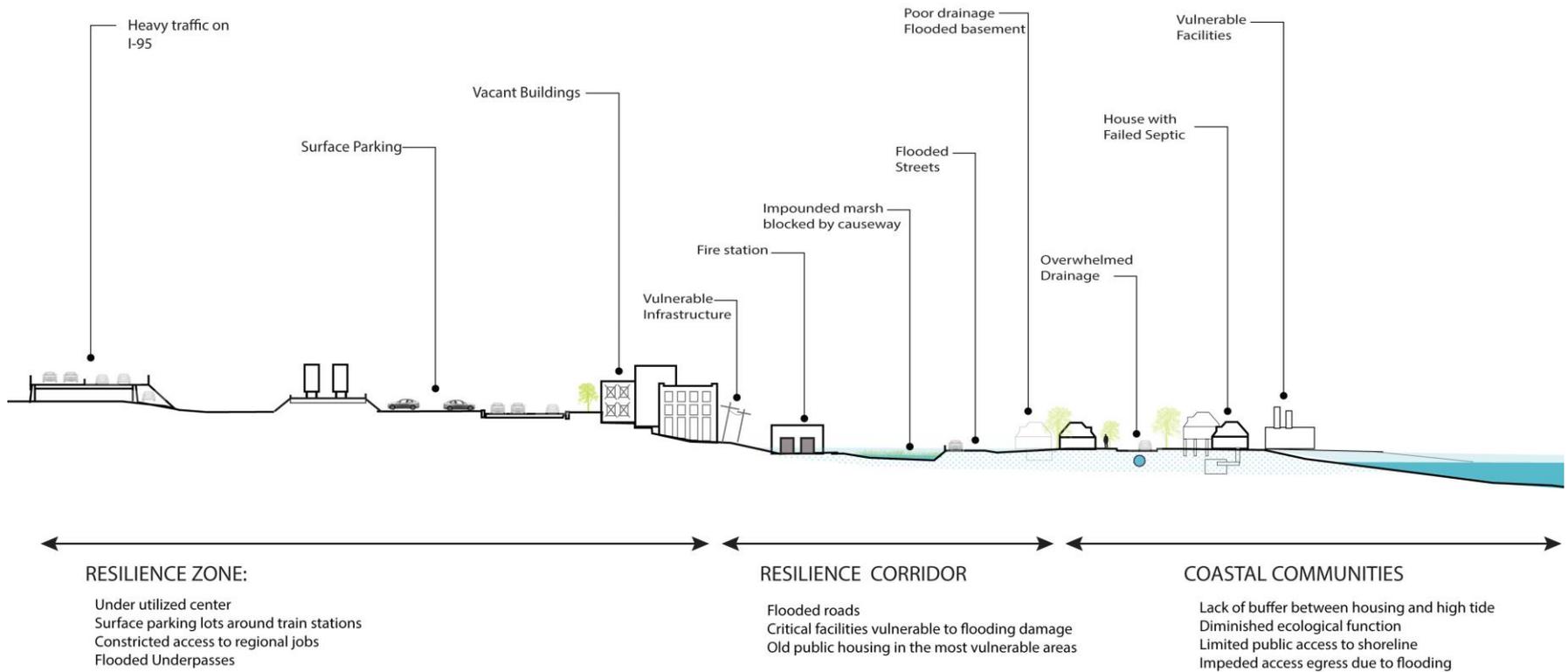


# Factor 3: Vision



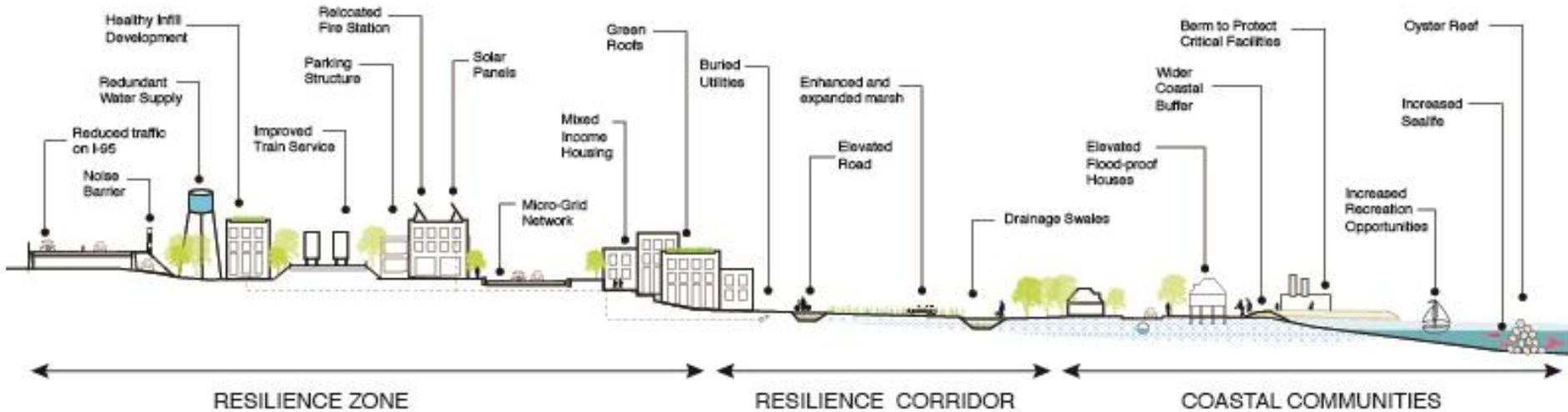
# CURRENT

# Factor 3: Vision



# Factor 3: Vision

## LONG-TERM



# Vulnerable Coastal Typologies

- a) Critical infrastructure
- b) Dense urban development
- c) Potentially isolated peninsulas
- d) Beach backed by marsh
- e) Low-lying, low-density development

*Vulnerable coastal typologies*



## TPOLOGY KEY

- marsh
- beach
- open water
- flood level
- building footprint
- high density housing
- critical infrastructure
- interstate highway
- major road network

# Factor 3: Vision

## Finance Resilience

**Goal 1.** Lower barriers through public-private partnership --- Connecticut's Green Bank

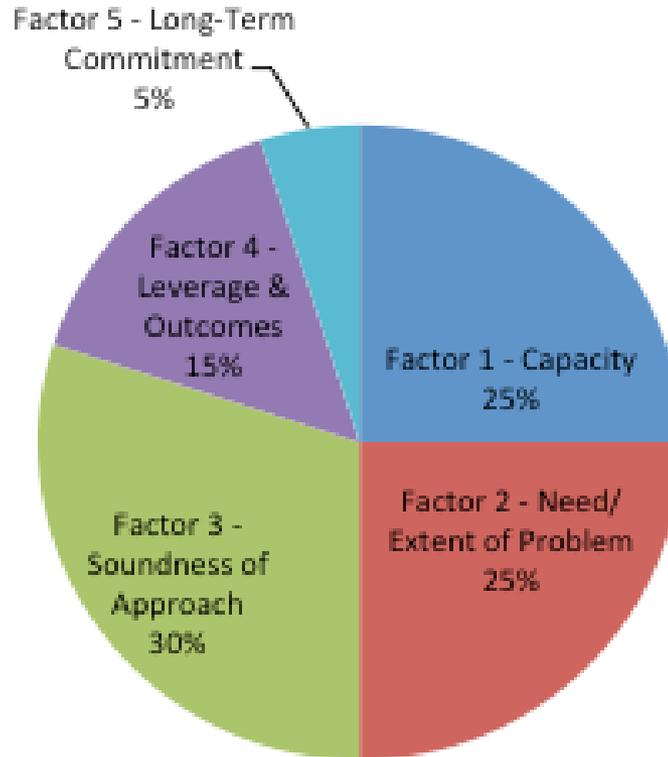
**Goal 2.** Grants and low interest loan options to build resiliently

**Goal 3.** Model for sustainable funding for resiliency projects



# HUD's Scoring Rubric

## Rating Factors of HUD NDRC NOFA - Phase 1



# Factor 4: Leverage and Outcomes

- Leverage is not match; it's funding that the applicant or partners have available to fund the proposed projects
- Outcomes
  - The pilot geography will need to be engaged beyond the process to assess impact from the project.

# Factor 5: Long-Term Commitment

**Major steps that CT has taken to commit to increasing the State's resilience to climate change**

- **Public Laws** on incorporating Sea Level Rise & Data
- **Shore Up CT** – finance for elevation
- **CIRCA** – information, best practices, purveyor of innovative ideas from NDRC pilot

# Factor 5: Long-Term Commitment

## Timeframe

- Successful applicants will be prepared to firmly commit to taking one or more actions to improve permanent resilience within the MID-URN at a minimum within ONE YEAR of award

## Resilience metrics

- Must provide a measurable goal and a target date

# HUD's Scoring Rubric for the Phase 2 Application

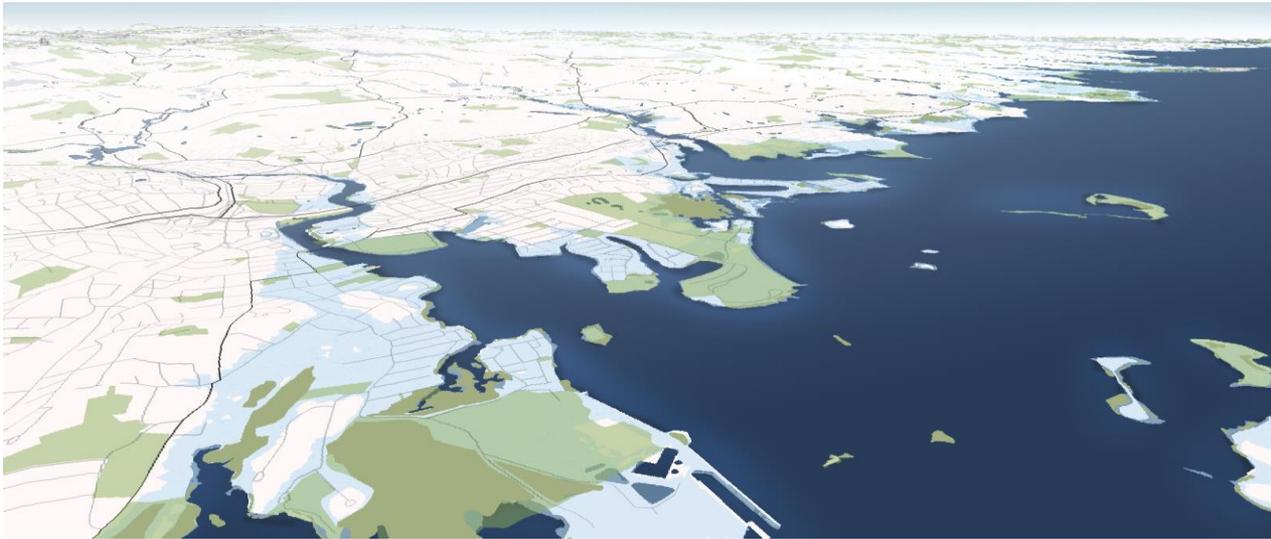
- 100 points in Phase 2 added to Phase 1 for total potential points of 200
- **Soundness of Approach** 40 (*25 pts in Phase 1*)
  - *HUD will consider the extent to which the correspondence between your project and the framing is clear, thoughtful, and compelling (10 points); whether your proposal clearly and significantly increases resilience to current and future disasters in the most impacted and distressed area and beyond (10 points); and whether your approach is a model, replicable, or holistic (10 points).*
- Other Categories: Team Capacity 20 pts ; Need 20 pts ; Leverage 10 pts; Long-term commitment 10 pts

# State's Phase 2 Application

The State must identify a geography that will host a pilot project(s) closely aligned with the vision outlined in the Phase 1 Application that will allow the state to score well within the rubric outlined by HUD for Phase 2.

The geographic areas and/or project(s) identified through this selection process and projects developed through the Phase 2 Application process will be included in the State's Phase 2 Application to HUD and the municipalities will be considered partners to the State's effort.

# The need for a pilot geography



Since it is not feasible to implement this solution everywhere in the two counties with an award from the NDRC competition, it is necessary to select an area(s) to host pilot project(s) that demonstrate the potential of the vision outlined in the Phase 1 submission.

# The need for a pilot geography

Pilot geographies might exist within the boundary of a single municipality but, in order to demonstrate the regional approach that the NOFA requires the state is particularly interested in identifying a geography that involves multiple municipalities who will work collaboratively.

# Interested Parties

The State of Connecticut is soliciting letters  
expressing interest in becoming part of the  
State's Phase 2 Submission

from

**local or regional governments within  
New Haven & Fairfield Counties**

# Interested Parties

To join the State's NDRC Effort interested parties must demonstrate

1. Capacity to **work regionally**:
  - Collaborate with Councils of Government
  - Work with other municipalities
  - Partner with non-governmental organizations such as environmental groups, community organizations and the private sector
2. Ability to **work on a tight timeline** to support the State's process

# Essential criteria for interested parties to meet

- Area contains at least one CDBG entitlement community.
- Demonstrate potential benefit to low and moderate-income individuals.
- Benefits an area impacted by Sandy with demonstrated unmet need derived from Sandy.

# Additional criteria for interested parties

- Benefits an area with needs that cannot be addressed with other programs or funding sources.
- Benefits an area that is likely to be affected by future disasters and climate change.
- Benefits a distressed municipality.

# Capacity

- The interested party has the capacity to assist with the planning & public outreach process within the project timeline.
- The interested party has the technical capacity to assist SAFR with the project selection & design process within the timeline
- The interested party has, or can secure, relevant partnerships to support the planning & project development process
- Submission includes at least one CDBG entitlement community

# Need

- Benefits low and moderate income individuals
- Benefits areas impacted by Sandy
- Benefits an area with demonstrated unmet need from Sandy
- Benefits an area with needs that cannot be addressed with other programs or funding sources
- Benefits an area that is likely to be affected by future disasters and conditions impacted by climate change
- Benefits a distressed municipality

# Approach/ Vision

- Show how the conceptual approach outlined in the state's Phase 1 proposal could be applied & adapted to the proposed geography
- Implemented or planned projects within the target area align with the state's Phase 1 NDRC proposal
- Detail prior experience implementing public outreach & consultation processed similar to those required by the NDRC process
- Demonstrate ability to work across municipal boundaries when conditions warrant

# Leverage

- Can you potentially leverage other funding sources to support the NDRC effort?
  - Note: Leveraged projects can include those that might not be eligible for CDBG funding.
- Demonstrate that the approach is consistent with existing, relevant POCD and hazard mitigation plans.

# Long-term commitment

- What steps have you taken to reduce your vulnerability to future disasters?
- *See the NDRC NOFA or the attachment included in the solicitation of interest for a full list of relevant commitments.*

# What is the role of the municipality?

- SAFR is seeking to involve local governments interested in participating in the State's Phase 2 submission.
- SAFR and external experts will work extensively in the pilot communities, with the municipal government agents as well as other constituents, to develop and refine a site-specific proposal based on the Phase 1 vision.

# What is the role of the municipality?

- Local municipalities selected to participate in the pilot geography will be required to be heavily involved in the planning and public engagement process and support the state
- The state and external experts will prepare the final grant application and required cost benefit analysis which will be submitted to HUD

# Why Apply?

Taking part in the State's NDRC effort is a unique opportunity to pilot more innovative and holistic approaches to reducing vulnerabilities to climate change while enhancing economic resiliency and community development.

# Who is eligible?

- Demonstrate unmet need which resulted from Sandy
- Potential benefit to affordable housing
- Ability to collaborate with other municipalities (adjacent or regionally), the COGs, and non-governmental organizations such as environmental groups and community organizations

# Your letter of interest

No more than 5 pages of single spaced text

Additional maps, figures and graphics can be attached and will not count towards the page limit (\*provide a link to a server, such as dropbox in your electronic submission if the file exceeds 5 MB)

# Your letter of interest

Demonstrate capacity, within the timeline

- To assist SAFR with planning & public outreach
- To assist SAFR with the project selection & design process
- To help develop projects that could reach the level of specificity needed to meet the NDRC submission deadline, **Oct. 2015**
- Has or can secure relevant partnerships to support the planning & project development process

# Assistance

CIRCA staff is available to discuss elements of the State's Phase 1 Submission and HUD's criteria, in order to provide guidance to help interested parties prepare and submit the information requested in this notice. If you are interested in speaking with the CIRCA staff please contact Rebecca French at [Circa@uconn.edu](mailto:Circa@uconn.edu).

# Rockefeller Foundation's recommended mix for a successful CT submission

Address all sections of the transect from vision

80/20 split

80% of the proposal will be directed towards improvements to the resilient corridor and the transportation development zone. 20% will focus on interventions on the shoreline.

# Project timeline

The National Disaster Resilience Competition requires applicants to work on a very rapid timeline. Interested units of local government must demonstrate they have the ability to work very closely with the State and outside experts to develop a proposal within 120 days of the announcement of Phase 2.

April 29 , 2015	Solicitation of Interest released
May 8, 2015	Informational webinar on the solicitation of interest
June 1, 2015	Letters of Interest due
Week of June 7	Anticipated announcement from HUD of Phase 2 participants
June 2015	CT's begins work on Phase 2 application, if selected to move forward
June-August 2015	Planning & engagement process to design and outline NDRC pilot project
September 2015	30 day public comment period on draft NDRC proposal
Early October 2015	Final NDRC application due (120 days after the Phase 2 announcement)
December 2015	HUD's announcement of Phase 2 winners anticipated

# Submission Procedure

Due date: June 1, 2015

Submit to:

[April.Capone@ct.gov](mailto:April.Capone@ct.gov)

April Capone, Manager of Intergovernmental Affairs  
at the Office of Policy and Management

Include: “Solicitation of Interest- National Disaster  
Resilience Competition” in the subject line

# Award Allocation

HUD will award money for specific projects from the state's proposal

The state won't have the ability to assign funding out

Try to knit the projects together to achieve as comprehensive funding as possible

Good Luck!