

Resilient Connecticut Phase II

Potential Regional Adaptation/Resilience Opportunity Areas



Information Packet for WestCOG and Chief Elected Officials

Thank you for following progress of Phase II of the Resilient Connecticut planning process. We have enjoyed presenting Resilient Connecticut to you at the monthly WestCOG meetings of fall 2020 and winter 2021. Now that spring has arrived, we are pleased to present another project milestone.

- The information sheets following this page include the following:
 - ✓ The “Terms to Understand” page provides a list of terms and their meanings on the left side, and a list of project resources with hyperlinks on the right side.
 - ✓ Each potential regional adaptation/resilience opportunity area identified in the WestCOG region is described on an individual page. Regional adaptation/resilience opportunity areas are the geographic locations that our team has identified *based on overlays of flood vulnerability, heat vulnerability, social vulnerability, zones of shared risk, and regional assets and infrastructure.*
- Here are some helpful hints when reviewing information sheets:
 - ✓ The numbers associated with the flood, heat, and social vulnerabilities are *relative* scores between zero and one. This means that a score of “0.9” in one opportunity area demonstrates higher vulnerability than a score of “0.5” in a nearby opportunity area.
 - ✓ The ID numbers for the zones of shared risk include a four-digit watershed identification number developed by the State. For example, “7300” is the Norwalk River watershed.
 - ✓ The “areas of planned development” have been gathered from community plans, but the names that we selected for these information sheets are a work in progress. We plan to revise these as needed.
- Next Steps
 - ✓ Please register for the Resilient Connecticut workshop scheduled for WestCOG on May 26, 2021 at 1 PM. We plan to discuss these potential regional adaptation/resilience opportunity areas.

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Potential Regional Adaptation/Resilience Opportunity Areas



Terms to Understand

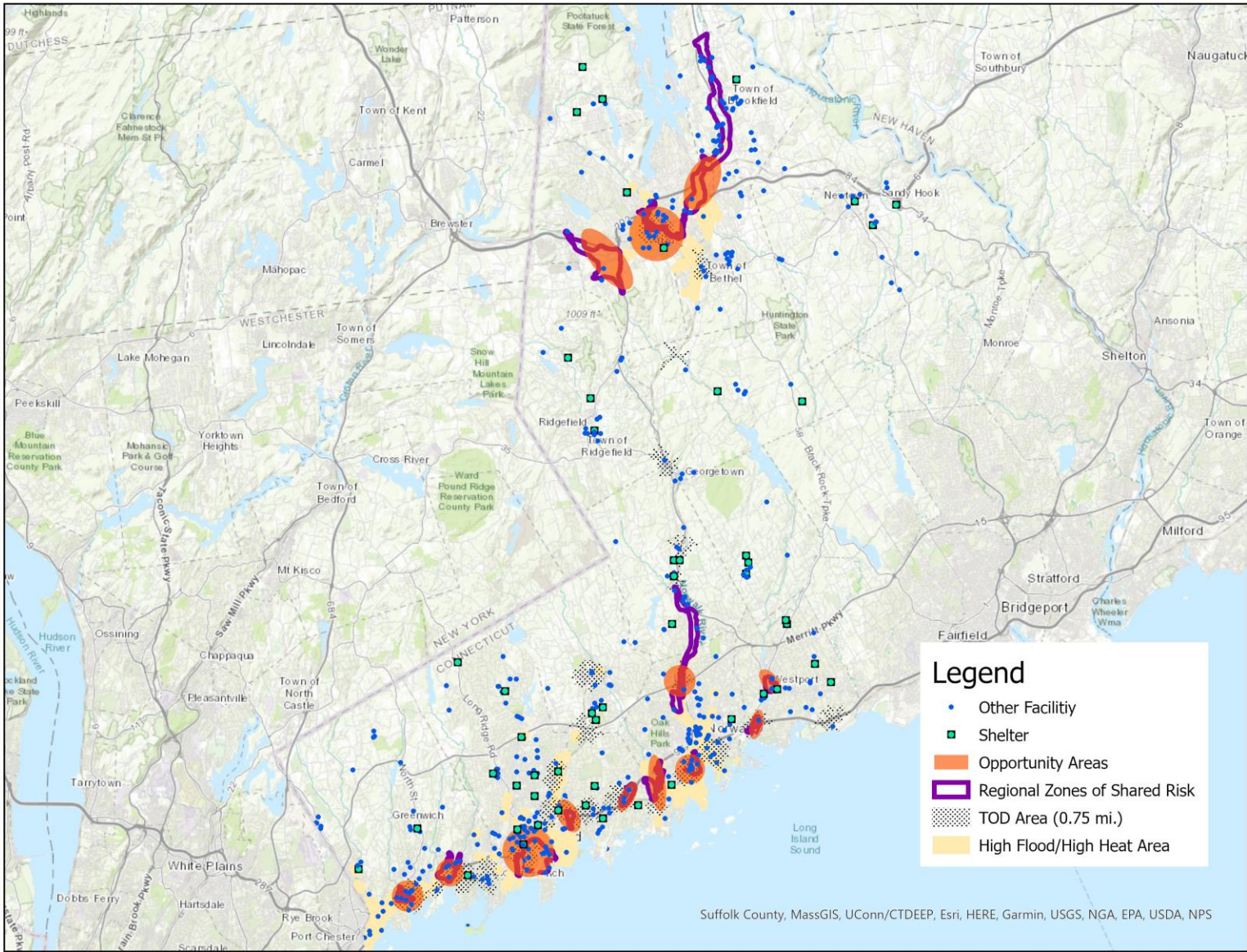
Considerations	Definition
Flood Vulnerability	A contributor to climate risk associated with flooding, this is a combination of flood exposure, flood sensitivity, and flood adaptive capacity.
Heat Vulnerability	A contributor to climate risk associated with heat, this is a combination of heat exposure, heat sensitivity, and heat adaptive capacity.
Social Vulnerability	Factors such as poverty and lack of access to transportation that may weaken a community's ability to prevent losses during a disaster.
Zone of Shared Risk	Areas that face common challenges already, or caused by climate change, and therefore risks are shared among or between groups of people that may have different perspectives and priorities for resilience.
Regional Infrastructure	Infrastructure that serves more than one community; or is important to a region.
Area of Planned Development Present	Areas identified in POCDs and RPOCDs for a variety of development and redevelopment.
Federal Opportunity Zone	Opportunity Zones provide tax benefits to people and companies with the goal of investing in urban areas.
Transit-Oriented Development Area	Supports creation of compact, pedestrian-oriented, mixed-use communities centered around train or transit systems.

Resources

- **Resilient Connecticut web site**
<https://resilientconnecticut.uconn.edu/>
- **Climate fact sheets**
<https://resilientconnecticut.uconn.edu/2020/10/07/connecticut-climate-fact-sheets-now-available/>
- **Climate Change Vulnerability Index (CCVI)**
<https://resilientconnecticut.uconn.edu/ccvi/>
- **Resilient Connecticut Story Map**
<https://mminc.maps.arcgis.com/apps/MapSeries/index.html?appid=c700755a764e421596f9fa3719ea5262&folderid=f47a498583604f3f9601ce1de67f7407>

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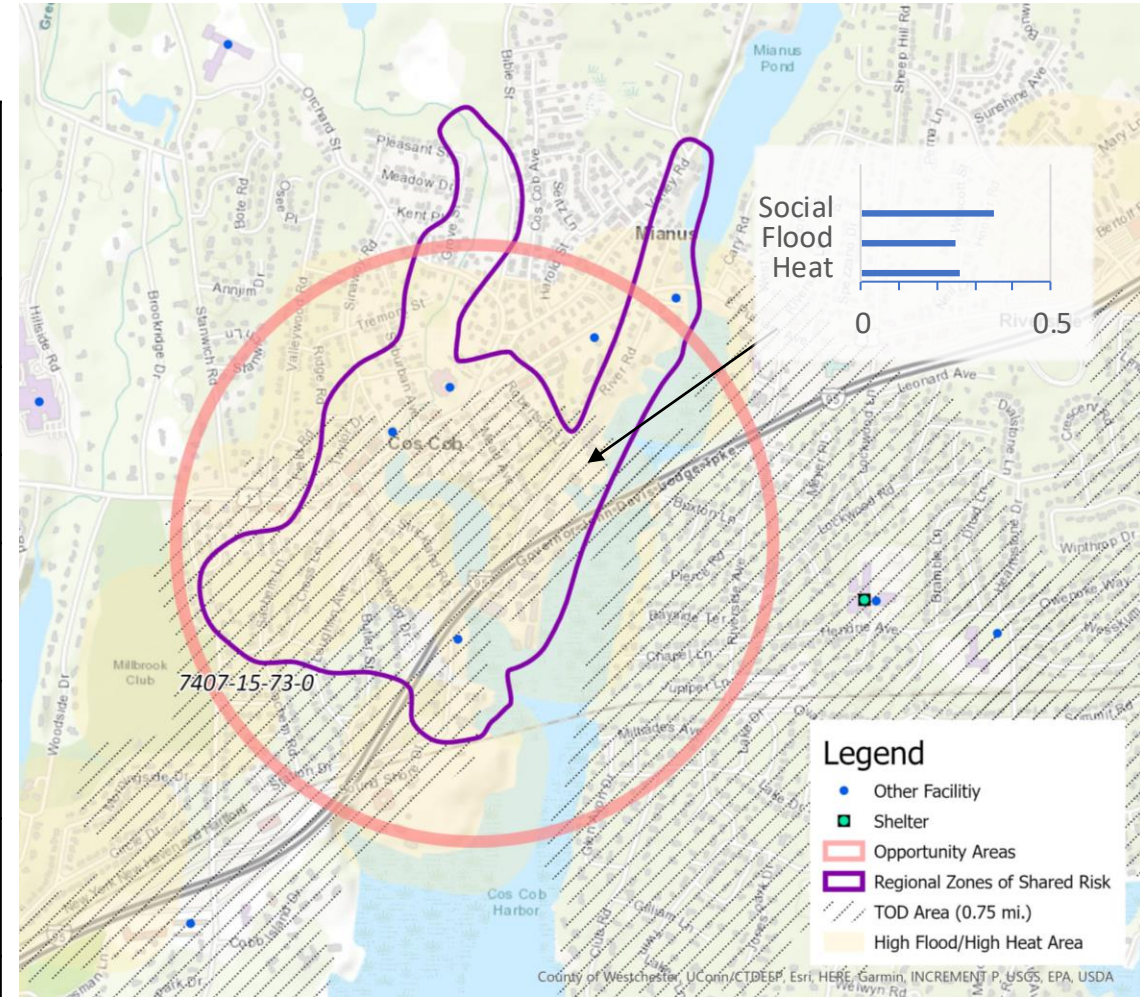
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Potential Regional Adaptation/Resilience Opportunity Areas

Area #1
Name: Cos Cob

Location: Greenwich
Tier 1

Considerations	Characteristics of Area
Flood Vulnerability	0.25
Heat Vulnerability	0.26
Social Vulnerability	0.35
Zone of Shared Risk	Mianus River: 7407-15-73-0
Regional Infrastructure Present	Electric substation, I-95, Amtrak/Metro-North
Area of Planned Development Present	Proposed Village District
Federal Opportunity Zone Present	N/A
Transit-Oriented Development Area	Cos Cob Station



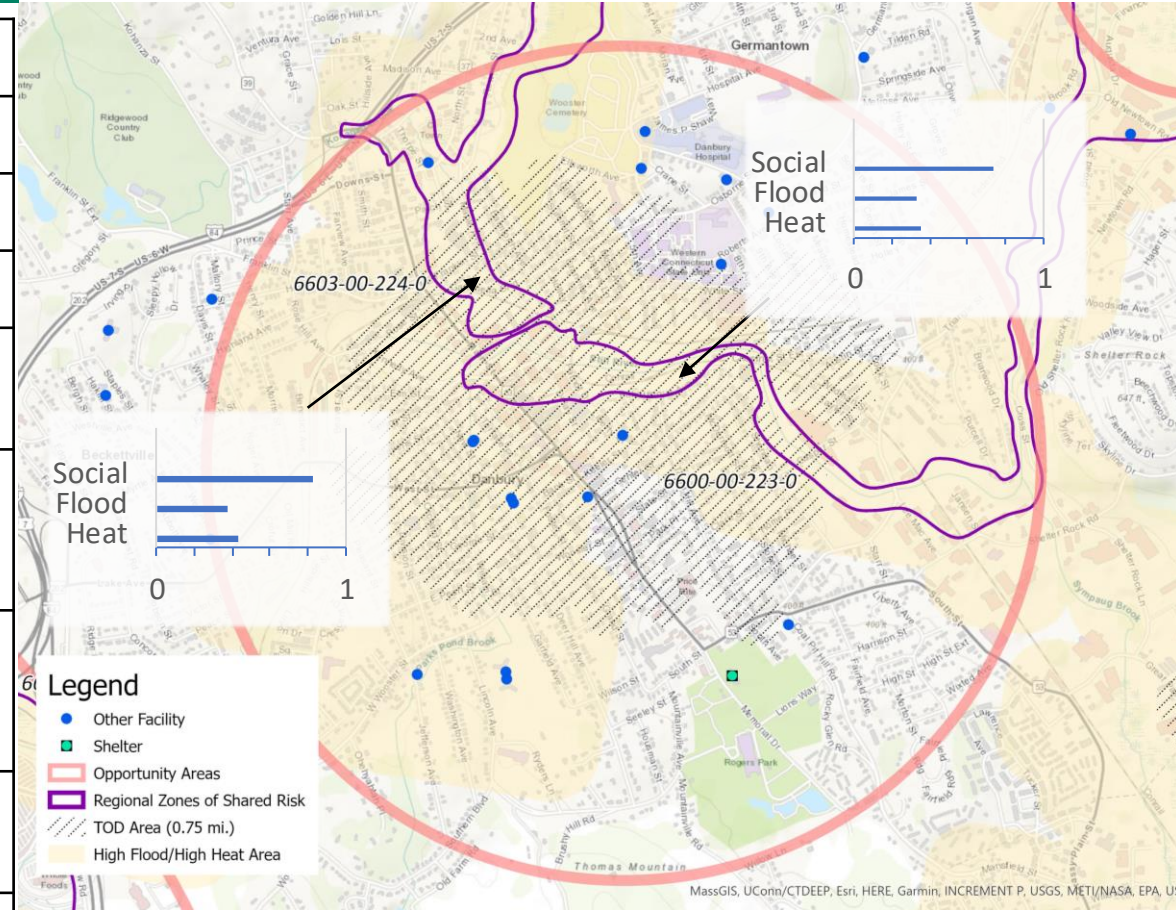
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Potential Regional Adaptation/Resilience Opportunity Areas



Area #2 Location: Danbury
 Name: Downtown Danbury Tier 1

Considerations	Characteristics of Area
Flood Vulnerability	0.33 to 0.38
Heat Vulnerability	0.35 to 0.43
Social Vulnerability	0.74 to 0.83
Zone of Shared Risk	Still River: 6603-00-224-0 & 6600-00-223-0
Regional Infrastructure Present	I-84, Amtrak, Danbury Station,
Area of Planned Development Present	Downtown Revitalization Overlay Zone
Federal Opportunity Zone Present	“Main Street Redevelopment”
Transit-Oriented Development Area	Danbury Station



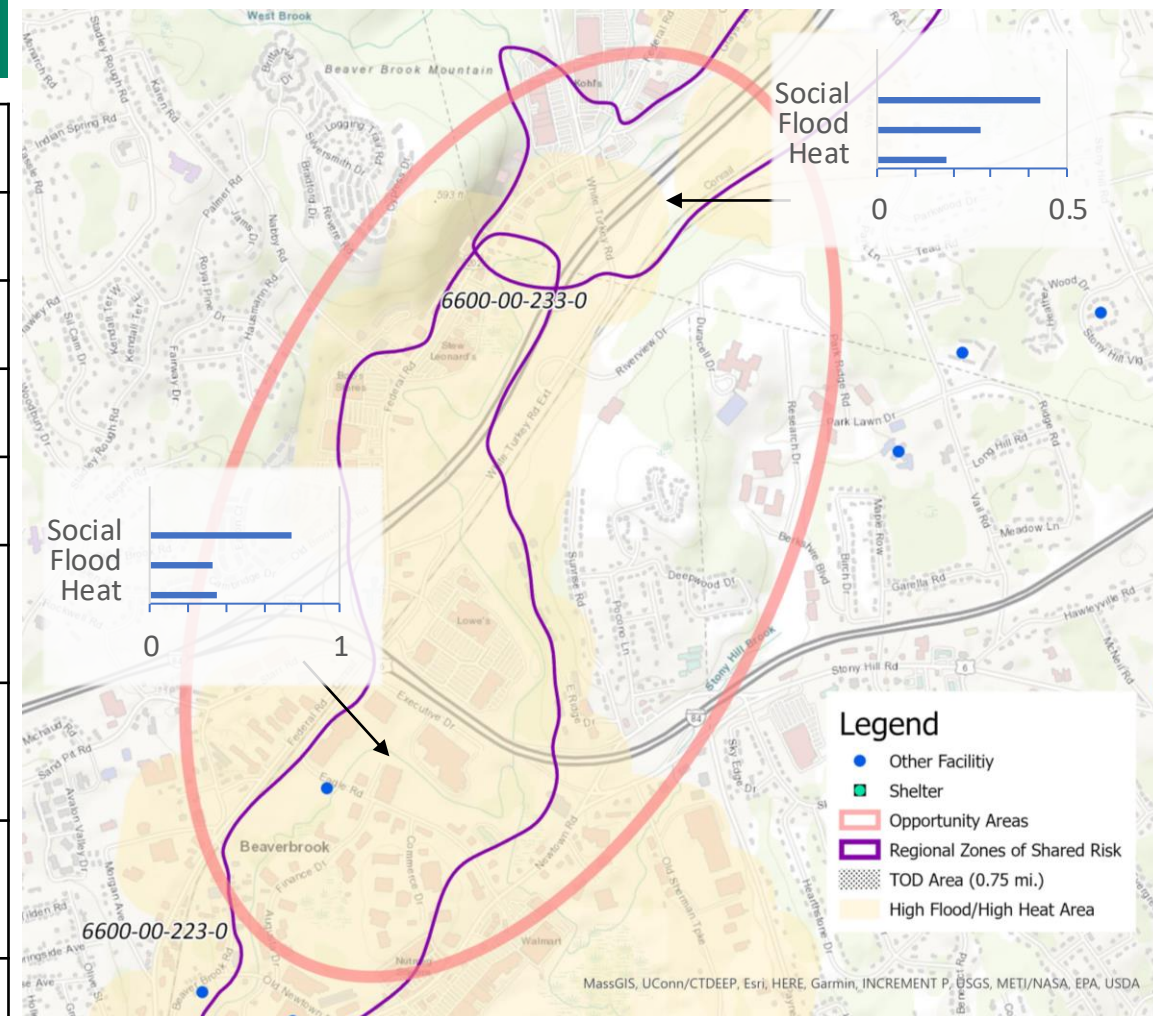
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Potential Regional Adaptation/Resilience Opportunity Areas



Area #3
 Name: Danbury
 Location: Danbury
 Tier 2

Considerations	Characteristics of Area
Flood Vulnerability	0.27 to 0.33
Heat Vulnerability	0.18 to 0.35
Social Vulnerability	0.43 to 0.74
Zone of Shared Risk	Still River: 6600-00-223-0 & 6600-0-233-0
Regional Infrastructure Present	Electric substations, Metro-North, I-84, Route 7
Area of Planned Development Present	Development area in southern Brookfield at the northern extent of 6600-0-233-0
Federal Opportunity Zone Present	N/A
Transit-Oriented Development Area	N/A

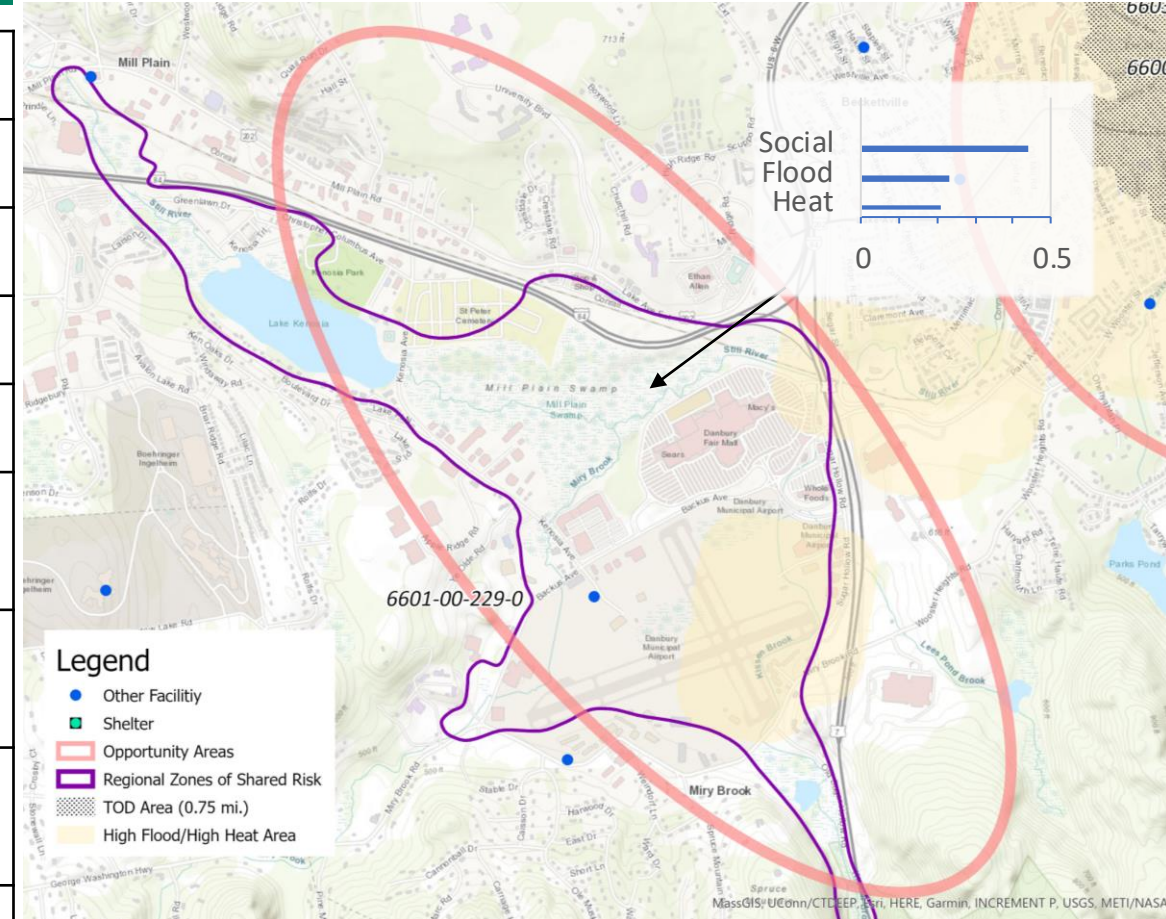


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Potential Regional Adaptation/Resilience Opportunity Areas

Area #4
Name: Danbury Airport
Location: Danbury
Tier 2

Considerations	Characteristics of Area
Flood Vulnerability	0.23
Heat Vulnerability	0.21
Social Vulnerability	0.44
Zone of Shared Risk	Still River: 6601-00-22-0
Regional Infrastructure Present	Airport, Danbury Mall, , Emergency Distribution Facility at Mall, I-84
Area of Planned Development Present	N/A
Federal Opportunity Zone Present	N/A
Transit-Oriented Development Area	N/A



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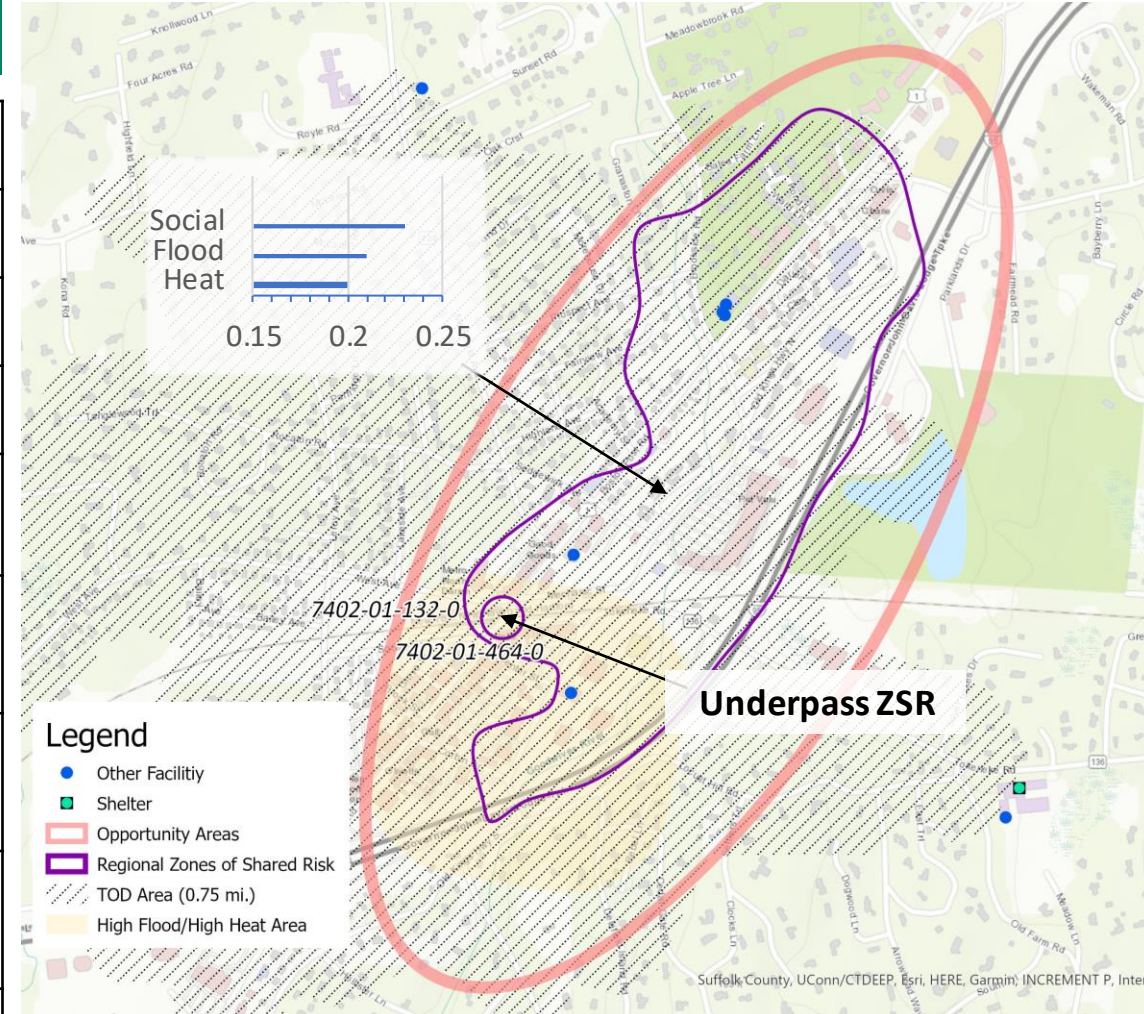
Potential Regional Adaptation/Resilience Opportunity Areas



Area #5
Name: Darien

Location: Darien
Tier 2

Considerations	Characteristics of Area
Flood Vulnerability	0.21
Heat Vulnerability	0.20
Social Vulnerability	0.23
Zone of Shared Risk	Darien River: 7402-01-132-0 & 702-01-464-0
Regional Infrastructure Present	Amtrak/Metro-North, I-95, Museum
Area of Planned Development Present	N/A
Federal Opportunity Zone Present	N/A
Transit-Oriented Development Area	Darien Station



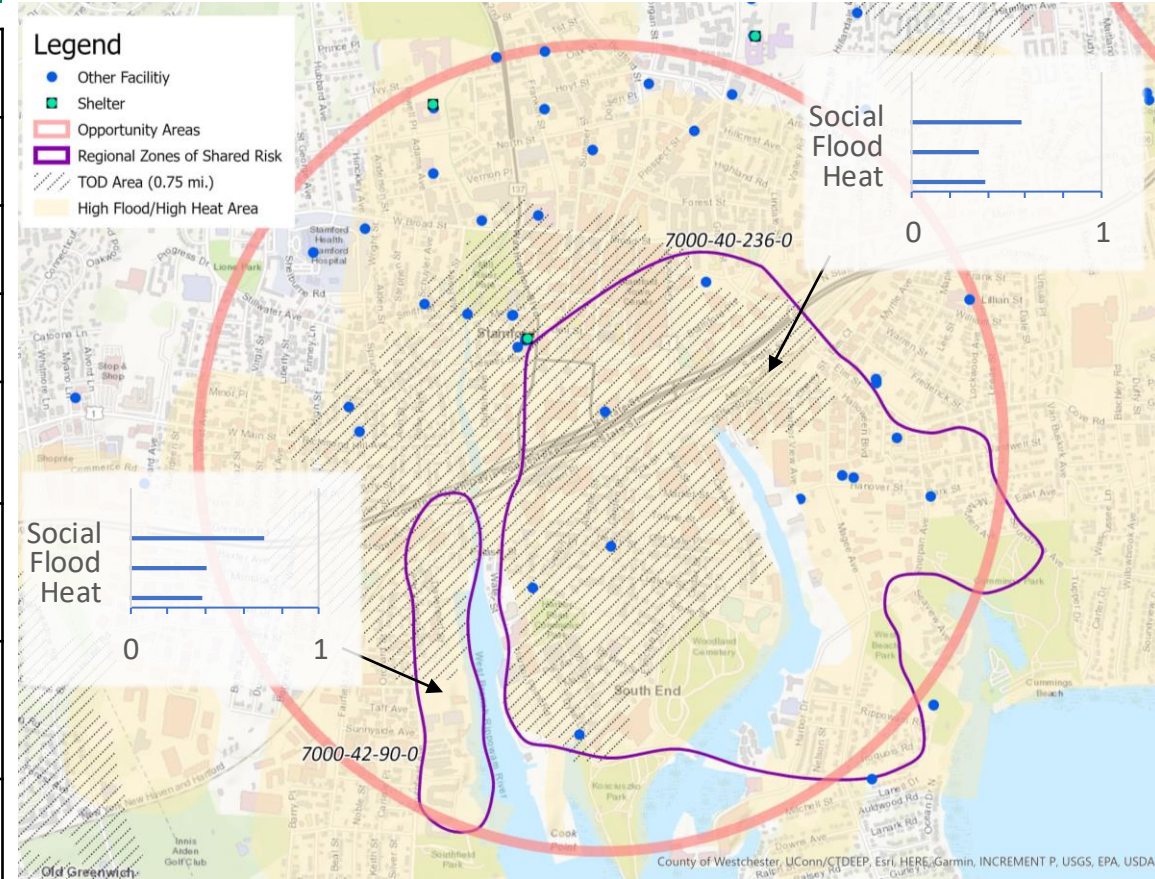
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Potential Regional Adaptation/Resilience Opportunity Areas



Area #6 Location: Stamford
 Name: Downtown Stamford Tier 1

Considerations	Characteristics of Area
Flood Vulnerability	0.35 to 0.40
Heat Vulnerability	0.38 to 0.39
Social Vulnerability	0.58 to 0.71
Zone of Shared Risk	Southwest Shoreline: 7000-42-90-0 & 7000-40-236-0
Regional Infrastructure Present	Substation, wastewater treatment plant, Amtrak/Metro-North, I-95
Area of Planned Development Present	Downtown & South End Redevelopment
Federal Opportunity Zone Present	Harbor Point, Transportation Center, Downtown
Transit-Oriented Development Area	Stamford Station



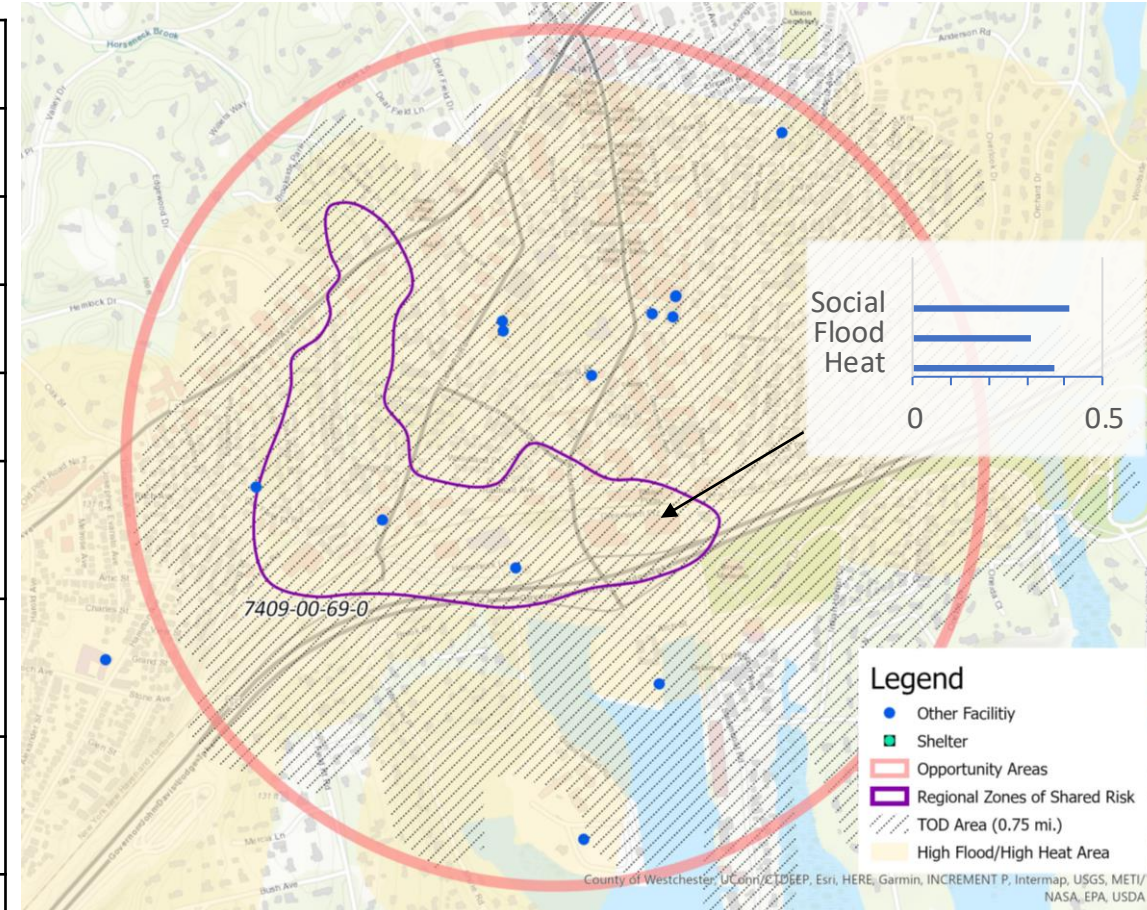
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Potential Regional Adaptation/Resilience Opportunity Areas



Area #7
 Name: Greenwich
 Location: Greenwich
 Tier 1

Considerations	Characteristics of Area
Flood Vulnerability	0.31
Heat Vulnerability	0.37
Social Vulnerability	0.41
Zone of Shared Risk	Southwest Shoreline: 7409-00-69-0
Regional Infrastructure Present	Substation, Amtrak/Metro-North, I-95
Area of Planned Development Present	Commercial development in Chickahominy area
Federal Opportunity Zone Present	N/A
Transit-Oriented Development Area	Greenwich Station



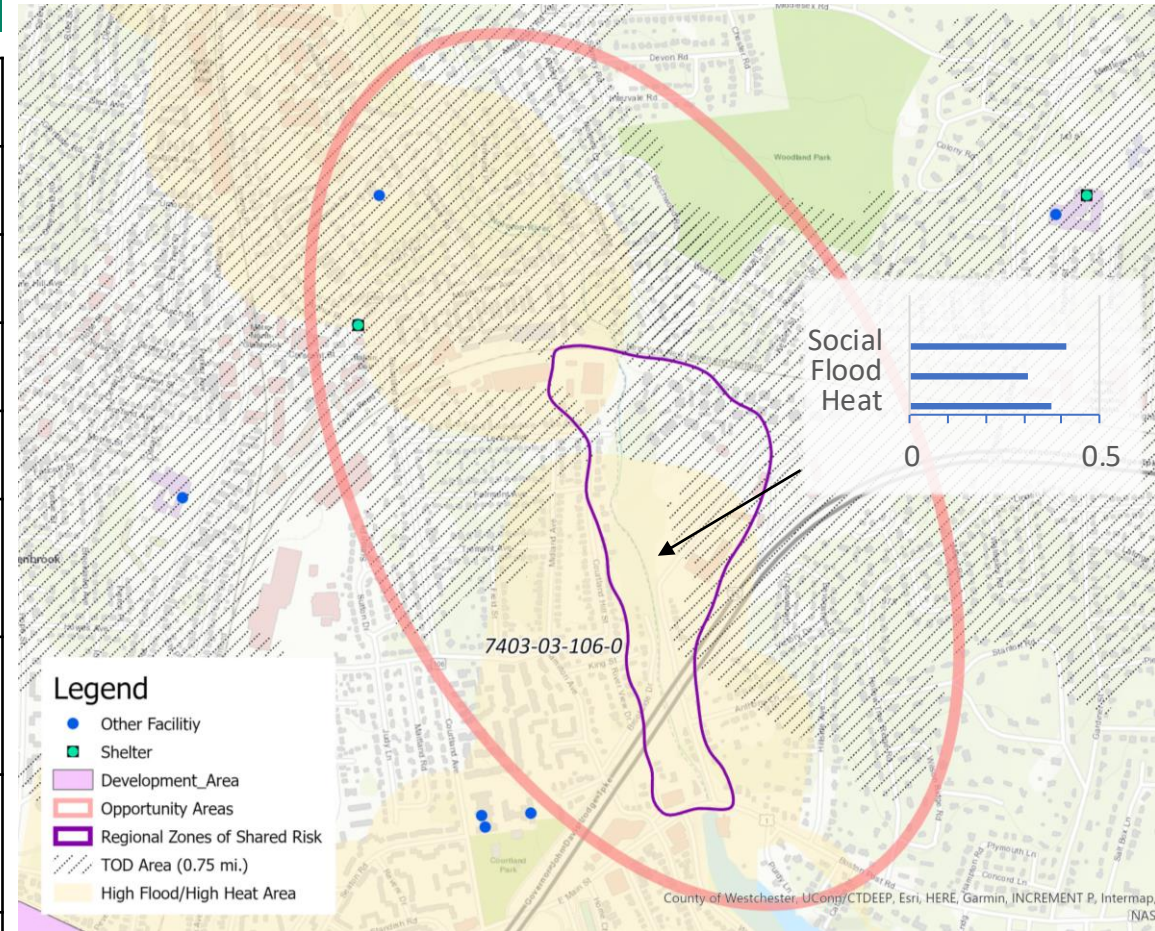
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Potential Regional Adaptation/Resilience Opportunity Areas



Area #8
 Name: Holly Pond
 Location: Stamford & Darien
 Tier 2

Considerations	Characteristics of Area
Flood Vulnerability	0.31
Heat Vulnerability	0.37
Social Vulnerability	0.41
Zone of Shared Risk	Noroton River: 7403-03-106-0
Regional Infrastructure Present	Amtrak/Metro-North, I-95, transmission lines
Area of Planned Development Present	N/A
Federal Opportunity Zone Present	East Side of Stamford
Transit-Oriented Development Area	Glenbrook & Noroton Heights Stations



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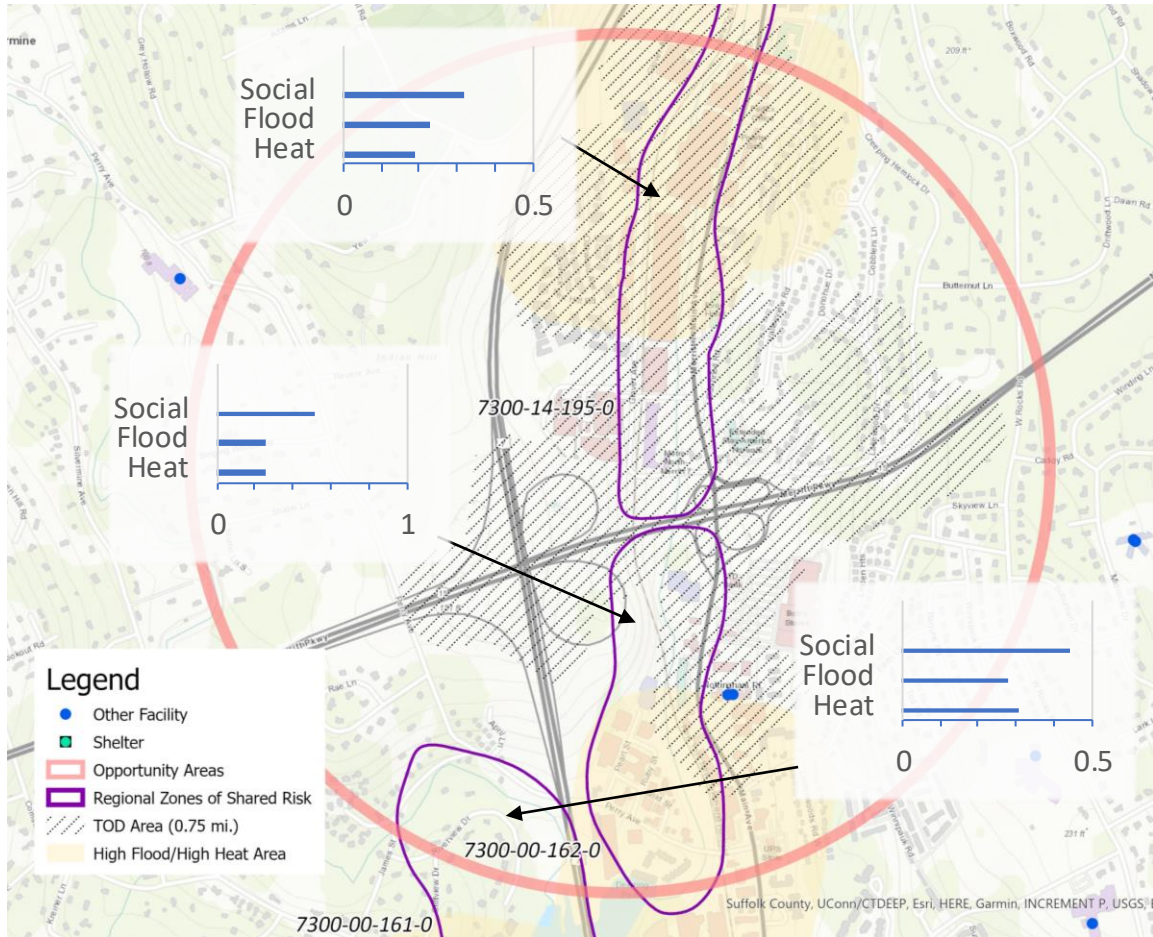
Potential Regional Adaptation/Resilience Opportunity Areas



Area #9
Name: Merritt 7

Location: Norwalk
Tier 1

Considerations	Characteristics of Area
Flood Vulnerability	0.23 to 0.28
Heat Vulnerability	0.19 to 0.31
Social Vulnerability	0.32 to 0.51
Zone of Shared Risk	Norwalk River: 7300-14-195-0, 7300-00-162-0 & 7300-00-161-0
Regional Infrastructure Present	Substations, Metro-North, Merritt Parkway, Route 7
Area of Planned Development Present	Mixed Use Centers
Federal Opportunity Zone Present	N/A
Transit-Oriented Development Area	Merritt 7 Station



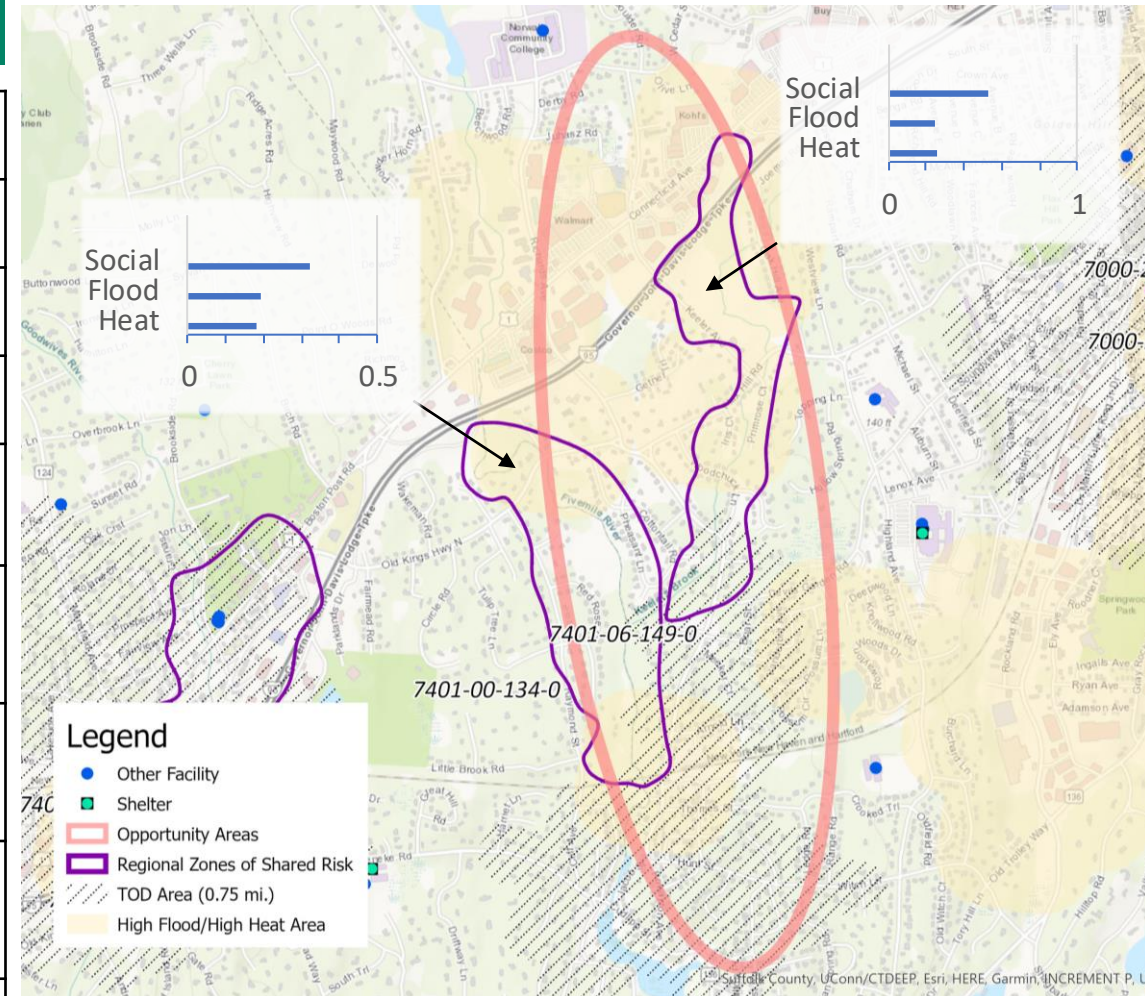
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Potential Regional Adaptation/Resilience Opportunity Areas



Area #10
Name: Rowayton
Location: Norwalk & Darien
Tier 2

Considerations	Characteristics of Area
Flood Vulnerability	0.19 to 0.25
Heat Vulnerability	0.18 to 0.26
Social Vulnerability	0.32 to 0.53
Zone of Shared Risk	Fivemile River: 7401-00-134-0 & 7401-06-149-0
Regional Infrastructure Present	Amtrak/Metro-North, I-95, transmission lines
Area of Planned Development Present	N/A
Federal Opportunity Zone Present	N/A
Transit-Oriented Development Area	Rowayton Station



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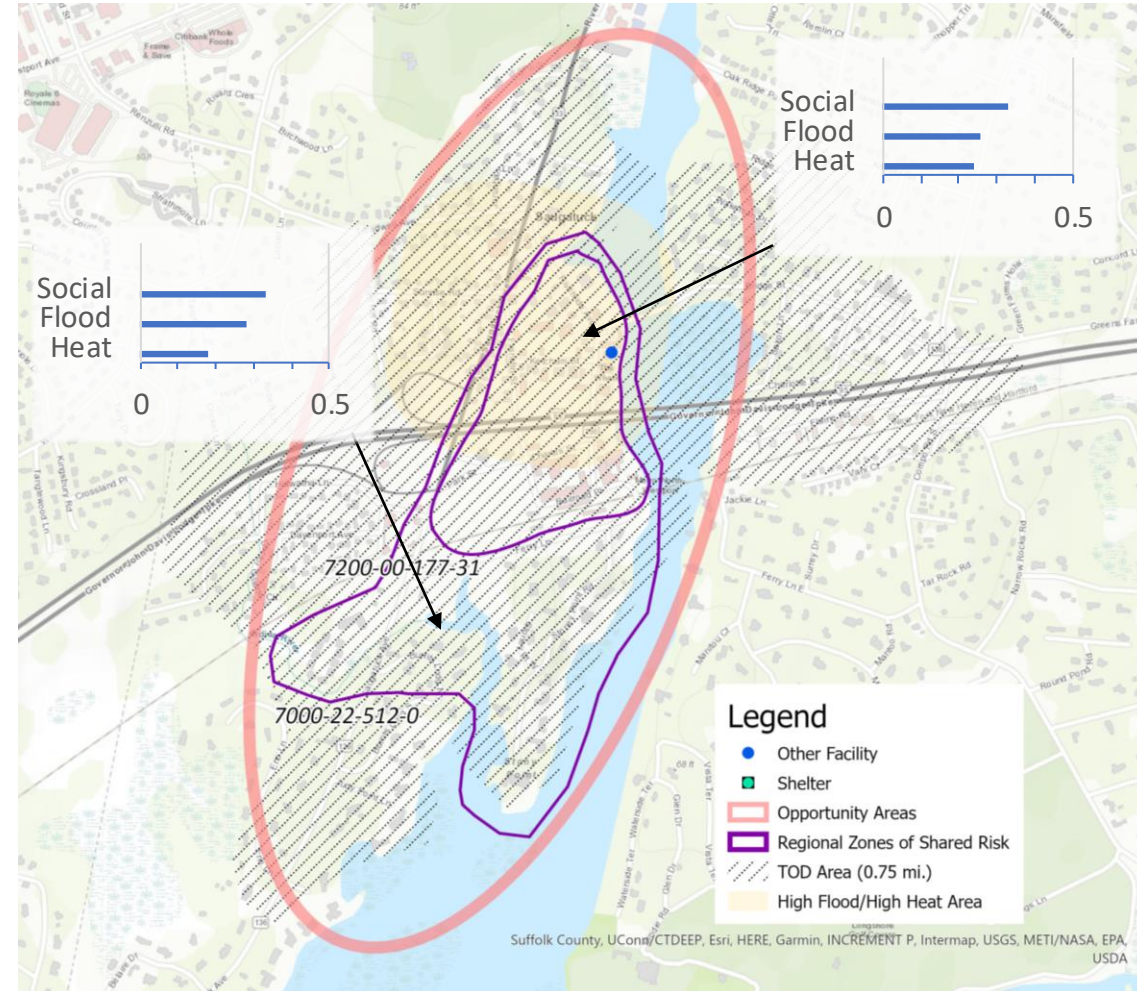
Potential Regional Adaptation/Resilience Opportunity Areas



Area #11
Name: Saugatuck

Location: Westport
Tier 2

Considerations	Characteristics of Area
Flood Vulnerability	0.26 to 0.28
Heat Vulnerability	0.18 to 0.24
Social Vulnerability	0.33
Zone of Shared Risk	Saugatuck River: 7200-00-177-31 Southwest Shoreline: 7000-22-512-0
Regional Infrastructure Present	Amtrak/Metro-North, I-95, electric transmission
Area of Planned Development Present	N/A
Federal Opportunity Zone Present	N/A
Transit-Oriented Development Area	Saugatuck Station

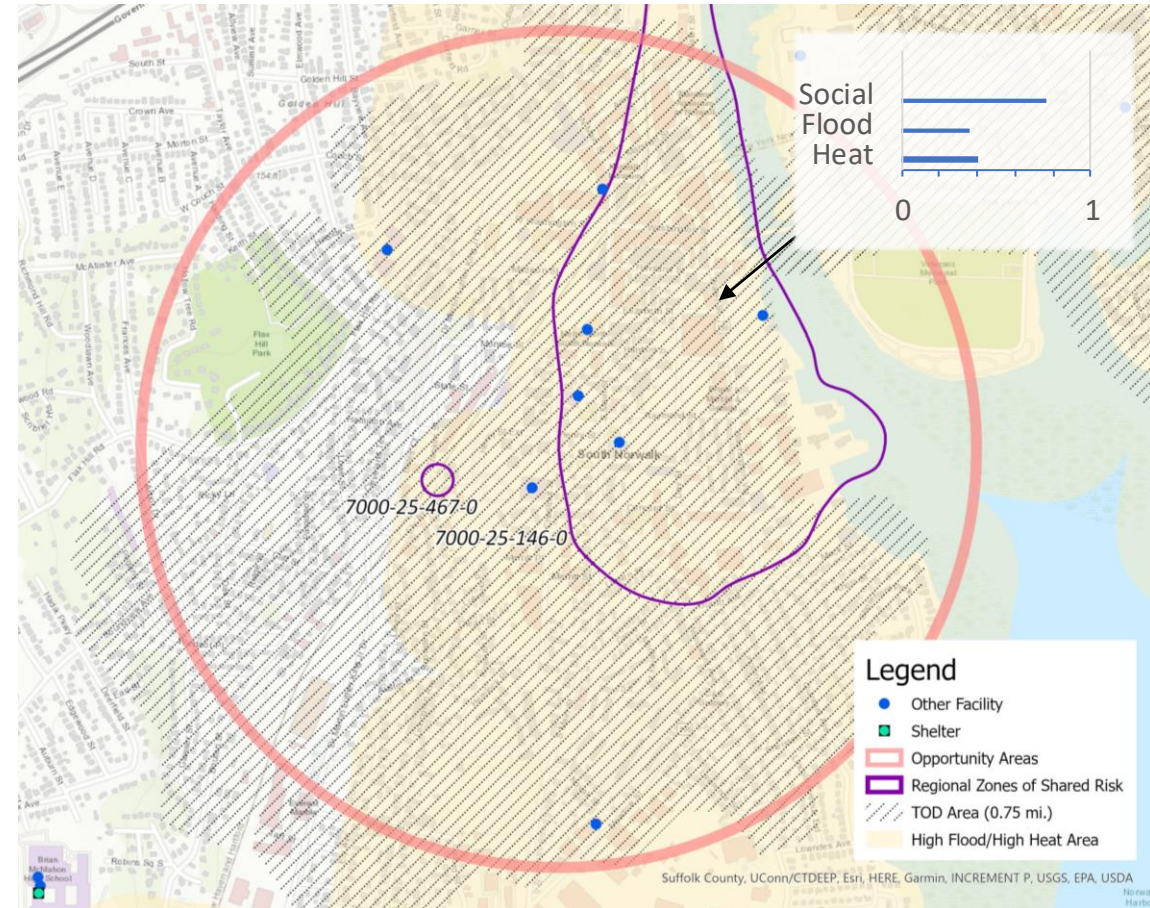


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Area #12 Location: Norwalk
Name: South Norwalk Tier 1

Considerations	Characteristics of Area
Flood Vulnerability	0.36
Heat Vulnerability	0.40
Social Vulnerability	0.77
Zone of Shared Risk	Southwest Shoreline: 7000-25-146-0 & 7000-25-467-0
Regional Infrastructure Present	Amtrak/Metro-North, Law Enforcement, electric transmissions, museums
Area of Planned Development Present	Center and Village Mixed-Use
Federal Opportunity Zones Present	Harbourside South Norwalk, South Norwalk Metro, and 64 South Main Street
Transit-Oriented Development Area	South Norwalk Station



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Potential Regional Adaptation/Resilience Opportunity Areas



Area #13
Name: Westport

Location: Westport
Tier 2

Considerations	Characteristics of Area
Flood Vulnerability	0.25
Heat Vulnerability	0.18
Social Vulnerability	0.28
Zone of Shared Risk	Saugatuck River: 7200-00-174-0
Regional Infrastructure Present	Law enforcement, museums, commerce of regional interest
Area of Planned Development Present	Village District
Federal Opportunity Zone Present	N/A
Transit-Oriented Development Area	N/A

