



Climate Vulnerability Assessment Quincy, MA

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Academic - Public – Municipal Partnership





Adaptive Capacity Greenhouse Gases Carbon Cycle
Mitigation Barrier Tides Stakeholders
Surface Runoff
Infrastructure
Climate Base Flood Elevation Vulnerability
Sustainable Development Erosion Biodiversity
Anthropogenic Scenario Aquifer CO₂ Algal Blooms
Mal-adaption Food Insecurity Eutrophication Subsidence
Adaptation Resilience
Ecosystem Heat Island Effect Alternative Energy Habitat
Land Use Energy Efficiency
Atmosphere Coastal Defense Storm Surge
Implementation Extreme Weather Baseline Emissions

Pressing climatic problems in Quincy:

Flooding



www.boston.com

Extreme Temperatures



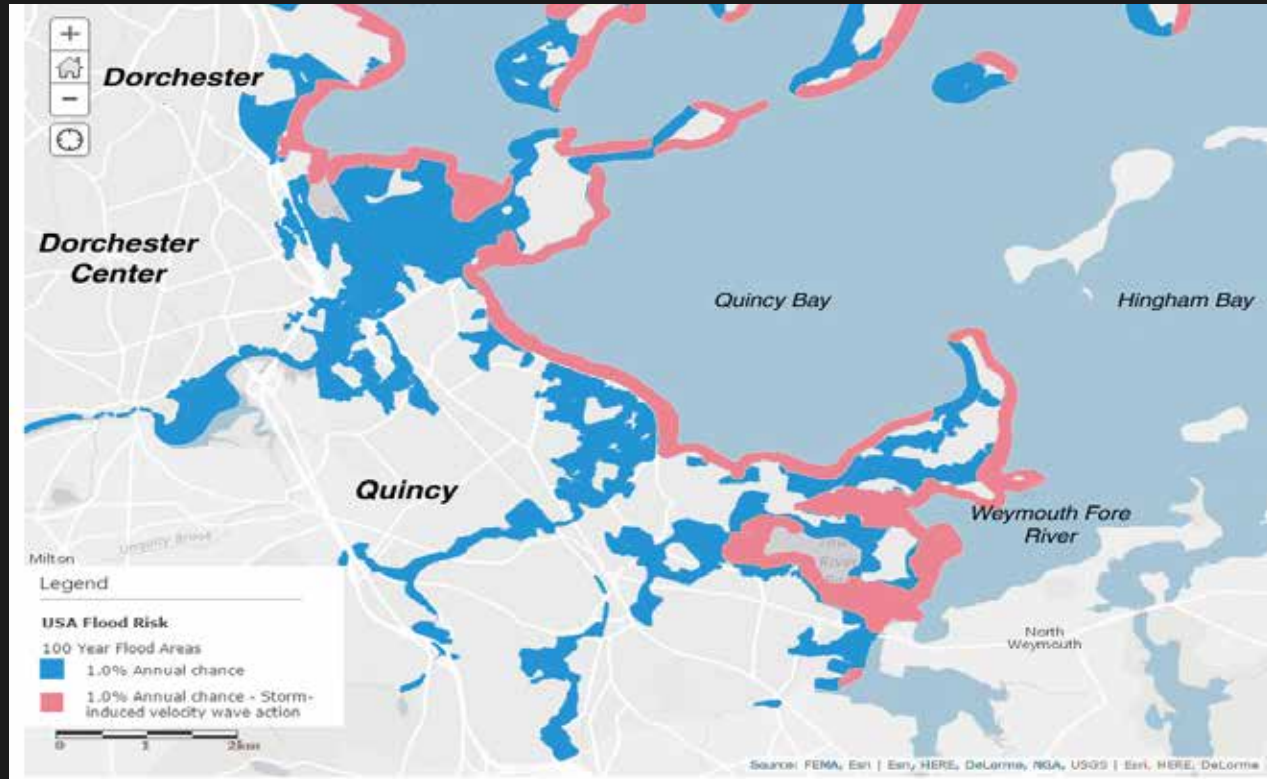
www.weatherchannel.com

Precipitation

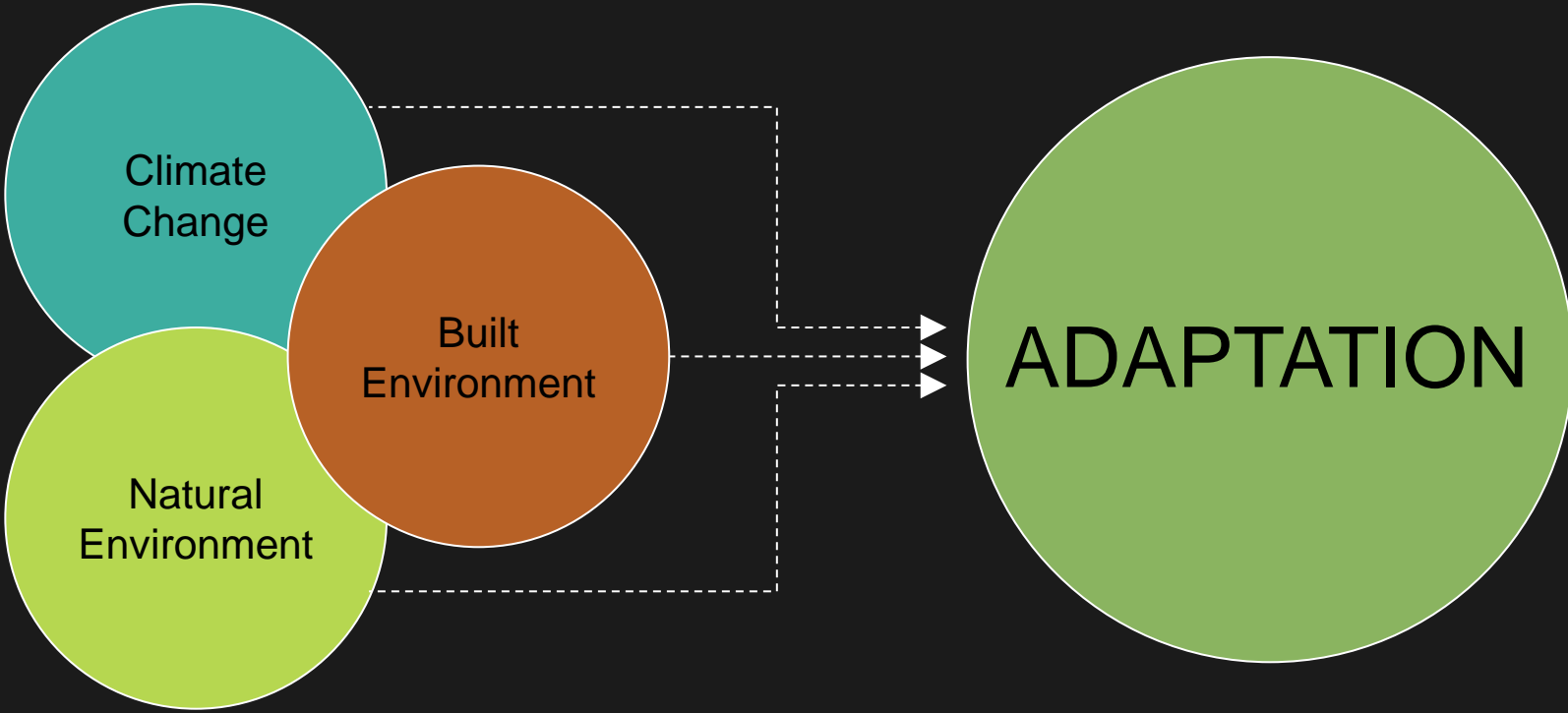


www.patriotledger.com

Velocity Zones and Flood Zones Quincy, MA



Strategy and Framework



Strategy and Framework



Strategy and Framework

What are some of the biggest problems you have in your home? (Check all that apply)

- Too hot during the summer
- Too cold during the winter
- Roof leakages
- Flooding
- Fear of damage from storms such as hurricanes/nor'easters/tornadoes
- Problems with water pipes
- Problems with sewer pipes
- Gutters
- Not enough trees or green spaces
- General appearance
- Other: _____

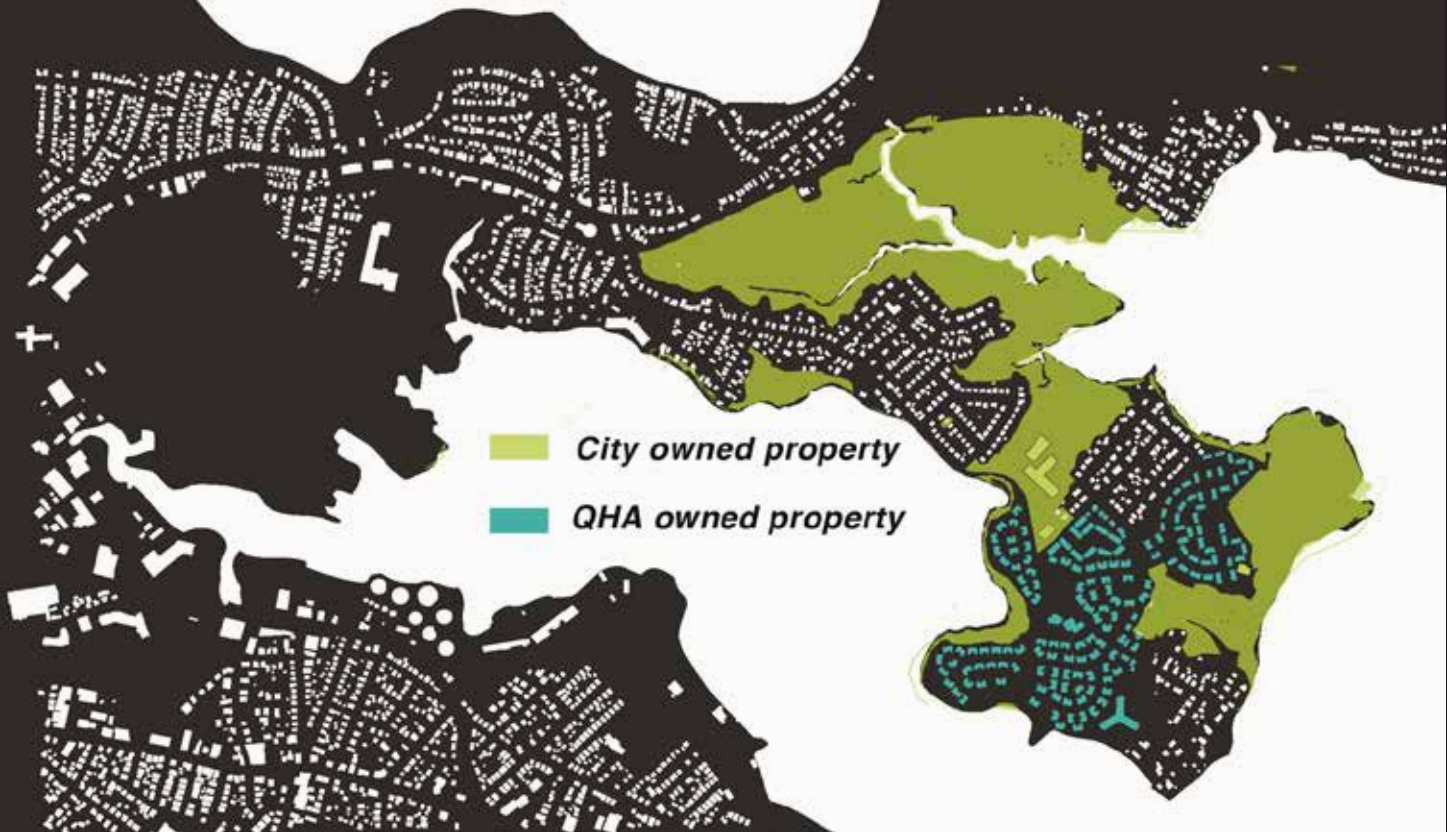
How much do you know about climate change?

- Know a great deal
- Know something about it
- Aware
- Not aware
- Other _____

Did you know that green spaces and trees...

- Can reduce flooding?
- Improve air quality?
- Keep your surroundings cooler?

Germantown Neighborhood



Germantown Neighborhood



To be continued.....

