

# Governor Patrick's Plan for Coordinated Climate Preparedness

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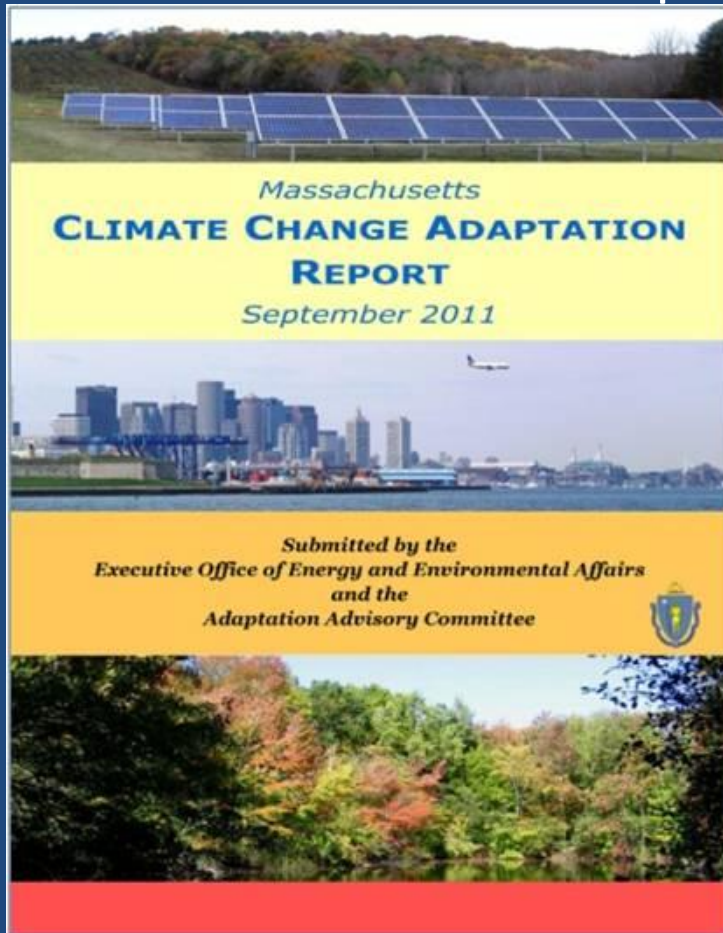


# Massachusetts Global Warming Solutions Act

- SECTION 9. Notwithstanding any general or special law to the contrary, the secretary shall convene an advisory committee to analyze strategies for adapting to the predicted impacts of climate change in the Commonwealth. The advisory committee shall be chaired by the secretary, or his designee, and comprised of representatives with expertise in the following areas: transportation and built infrastructure; commercial, industrial and manufacturing activities; low income consumers; energy generation and distribution; land conservation; water supply and quality; recreation; ecosystems dynamics; coastal zone and oceans; rivers and wetlands; and local government.

# Massachusetts Climate Change Adaptation Report

September 2011



- Climate Change Impacts
- Natural Resources and Habitat
- Key Infrastructure
- Human Health and Welfare
- Local Economy and Government
- Coastal Zone and Oceans
- Cross-Cutting Strategies

# Route 2, Hurricane Irene





# Plum Island Winter 2013



# 5 feet of Sea Level Rise or Surge





# 7.5 feet of Sea Level Rise or Surge



# Climate Preparedness Named a Top EEA Priority

“We need to do more to address the extreme threats from climate change...We must properly assess the risks and vulnerabilities, plan for them and ensure our emergency services have the ability to keep our residents safe. And we must take action to protect our natural habitats to maintain healthy communities.”

-Governor Deval Patrick  
July 24<sup>th</sup>, 2013



(Photo: Eric Haynes/Governor's Office)



# Coordination Across Administration and with Stakeholders



(Photo: Eric Haynes / Governor's Office)

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# Governor Patrick Announces Coordinated Climate Preparedness



(Photo: Taylor Nealand /Governor's Office)

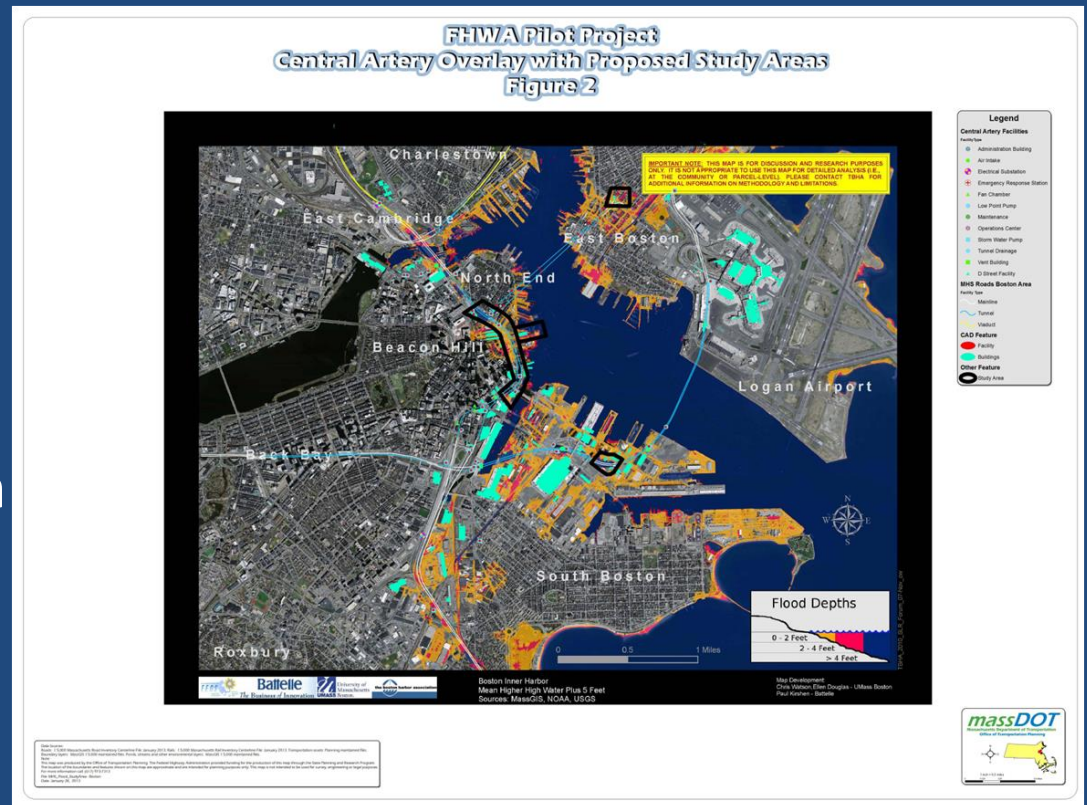
## *Climate Preparedness*

“The Patrick Administration will expand its climate change efforts through a \$52 million cross-Secretariat investment using operating, capital and trust resources. Of the \$52 million investment, the Governor’s FY15 budget includes \$2 million for the Executive Office of Energy and Environment Affairs to collaborate with Secretariats in determining the investments that will have the most effective, immediate and long-lasting impact on our climate change preparedness. The preparedness strategies that will benefit most from enhanced collaboration relate directly to the Commonwealth’s infrastructure, specifically transportation, energy, our communities and public health.”



# Transportation

- Efforts are already underway to assess the vulnerability of our transportation assets, including the Central Artery and Massport
- Secretary Davey has convened a team of senior managers from each division at MassDOT to serve on a task force at his Office of Transportation Planning
- The Patrick Administration is committed to conducting a system-wide transportation assessment at MassDOT and DCR



# Energy

- EEA is partnering with NEPGA to prepare and distribute a survey identifying resiliency efforts taken or planned at our generation facilities and soliciting feedback on recommended steps
- DPU is prioritizing climate preparedness through grid modernization
- DOER has released a RFR for a \$40M Municipal Energy Resilience grant that prioritizes clean energy resources



(Photo: Ben Bocko / Governor's Office)

# Built Environment



(Photo credit: Eugena Ossi/Governor's Office)



# Public Health

- DPH has been partnering with U.S. Center for Disease Control and Prevention through their *Climate Ready States and Cities Initiative* for the past three years and has identified additional support needed by our LBOH
- Following the increases in EEE and vibrio parahaemolyticus in 2012 and 2103, EEA and DPH will partner to conduct analysis on monitoring vector-borne disease in both oysters and mosquitoes
- DEP will be working to help communities identify and address vulnerable elements of their critical water infrastructure

# Additional Efforts and Next Steps

- Improving Data
- Investing Wisely
  - \$1.2M included in the FY15 Operating Budget
  - Climate Preparedness highlighted as a “Key Investment” in the FY15-19 Capital Investment Plan
- Planning for the Future



# Questions?

- Budget Information

[http://www.mass.gov/bb/h1/fy15h1/exec\\_15/hbudbrief6.htm](http://www.mass.gov/bb/h1/fy15h1/exec_15/hbudbrief6.htm)

<http://www.mass.gov/bb/cap/fy2015/dnld/fy15capitalplanma.pdf>

[http://www.mass.gov/bb/gaa/fy2015/app\\_15/act\\_15/h20000101.htm](http://www.mass.gov/bb/gaa/fy2015/app_15/act_15/h20000101.htm)

[http://www.mass.gov/bb/gaa/fy2015/app\\_15/act\\_15/h20001207.htm](http://www.mass.gov/bb/gaa/fy2015/app_15/act_15/h20001207.htm)

- MA Adaptation Report

<http://www.mass.gov/environment/cca>

- Global Warming Solutions Act

<http://www.malegislature.gov/Laws/SessionLaws/Acts/2008/Chapter298>

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