Transportation Resilience in the Northeast & Mid-Atlantic Region

Northeast Association of State Transportation Officials 2016 Annual Conference

Jessica Grannis June 7, 2016

GEORGETOWN CLIMATE CENTER

A Leading Resource for State and Federal Policy

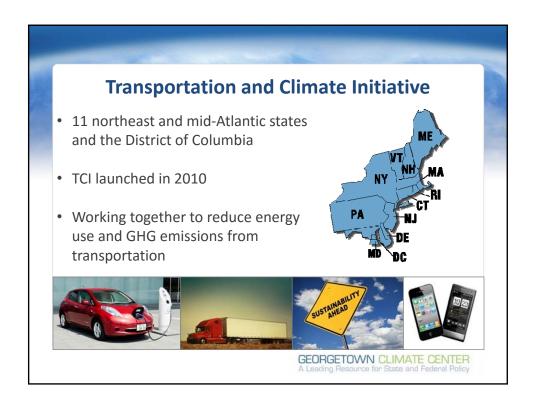
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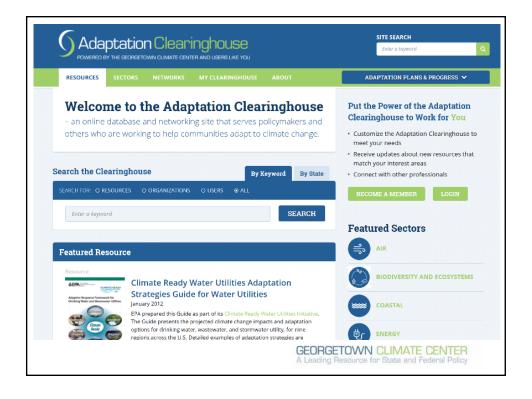
- Convenes and serves as resource to states on climate and energy issues
- Brings together academics and policymakers to improve climate policy
- Informs the development of:
 - Legislation
 - Regulation
 - Transportation policy
 - Adaptation policy



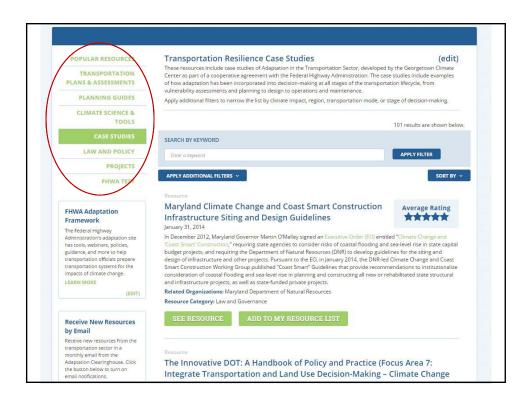


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Case Studies – Adapting Transportation



FHWA → Environment → Climate Change → Adaptation → Case Studies

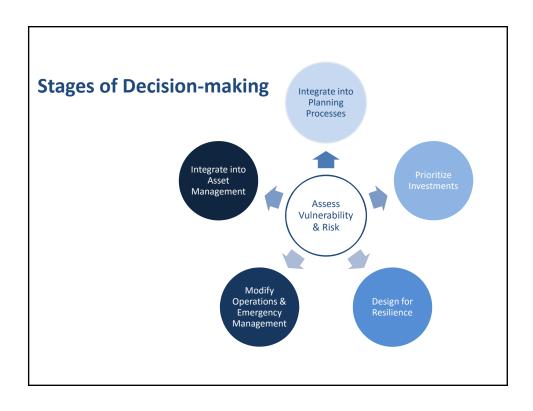
Climate Change Adaptation and Resilience Case Studies Series

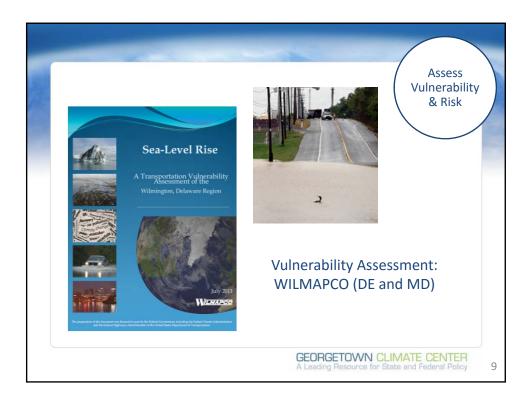
FHWA will be highlighting climate change adaptation and resilience work in the transportation sector through a series of new case studies - check this page often for new additions.

- Case Study: Flood Levee System Improvements Washington, DC
- Surfers Point Managed Retreat Project
- Mainstreaming Climate Change Adaptation Strategies into New York State Department of Transportation's Operations
- District of Columbia DOT: Climate Change Adaptation Plan
- State of California Sea-Level Rise Guidance Document
- Caltrans Guidance on Incorporating Sea Level Rise
- City of Santa Cruz Climate Adaptation Plan
- City of Lewes, Delaware Hazard Mitigation and Climate Adaptation Action Plan
- A Vulnerability Assessment for the Saco Bay Communities of Biddeford, Saco, Old Orchard Beach, and Scarborough
- Addressing Climate Change Adaptation in Regional Transportation Plans: A Guide for California MPOs and RTPAs

These case studies were developed by the Georgetown Climate Center (GCC) under a cooperative agreement with FHWA and are also available through the GCC <u>Adaptation Clearinghouse</u>.

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TCI Survey – Adaptation Gaps & Needs

- Insufficient funds for adaptation and challenges justifying added costs
- Using federal funding programs for adaptation
- Understanding interdependencies and impacts at the mega-region level
- Integrating adaptation planning across sectors
- · Aligning climate resilience and mitigation policies
- New federal policies FFRMS, NEPA, Risk-based asset management

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