

Katie Spidalieri
2019 CAW and CCAP Annual Meeting
May 30, 2019

CLIMATE CENTER

Georgetown Climate Center

Policy development



A resource to states and communities



Convening and staffing climate initiatives



Provide opportunities for students





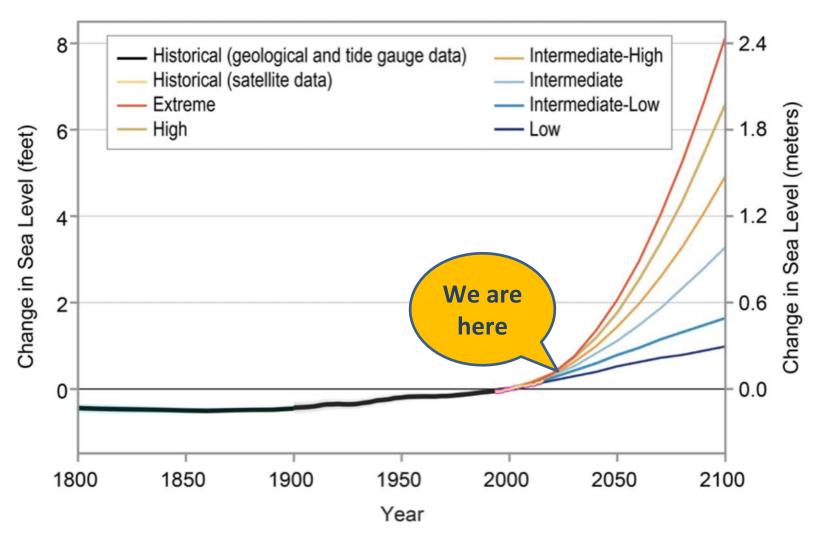




OVERVIEW

- Climate change impacts
- Local tools
- Legal feasibility framework
- Takings analysis and strategies to minimize legal liability
- Managed Retreat Toolkit

HIGHER SEA LEVELS



0.7 to 8 feet by 2100 (NCA 2018)



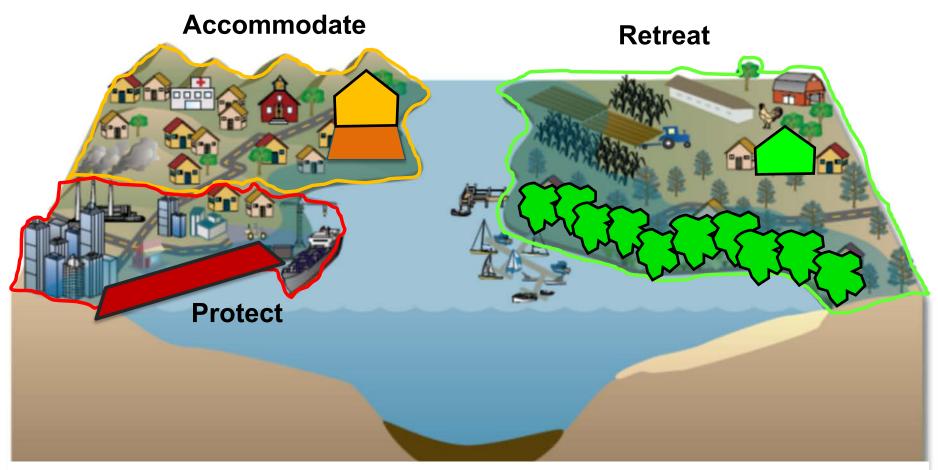








ADAPTATION OPTIONS



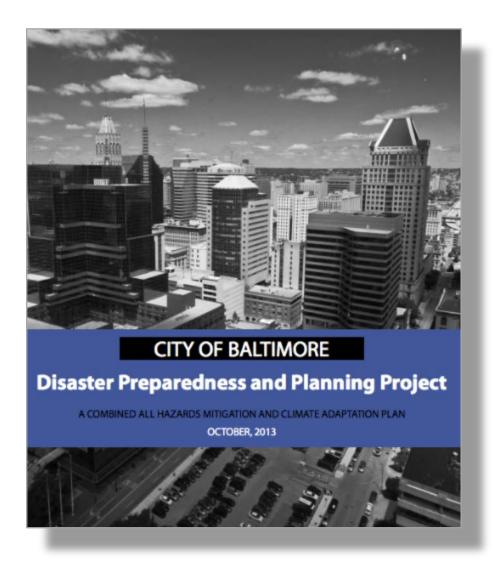
Graphic courtesy of the Integration and Application Network, University of Maryland Center for Environmental Science (ian.umces.edu/symbols/).

ROLES AND PLAYERS

Local **Federal** State Clean Water Act **Rivers and Harbors** State coastal Act management laws Dune State wetlands laws Zoning ordinance Floodplain ordinance Local coastal program Open Beach Dry Beach

PLANNING:

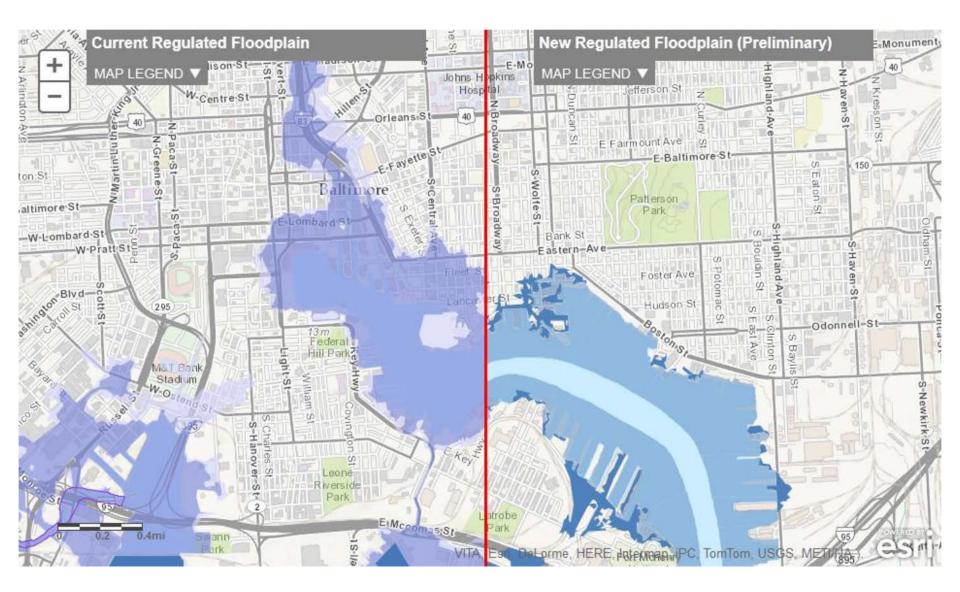
Baltimore, MD Hazard Mitigation Plan

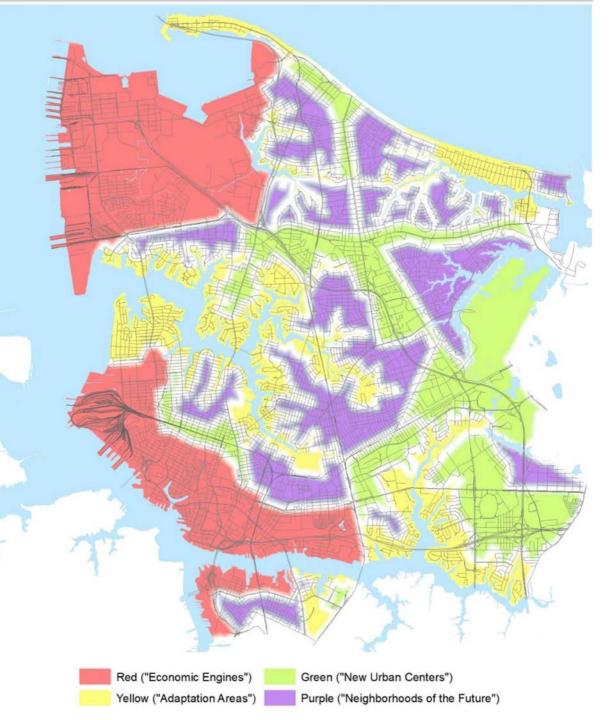


Lead Agency	MOEM
Stakeholders	BCRP (Forestry), BGE, Building Owners, DGS, DOT, DPW, Exelon, PSC, Utility customers, Veolia, Wheelabrator
Alignment with Goals	Goals 2 and 3
Connection with Existing Efforts	ℰ ♥ 🏖
	Building Standards and Zoning Codes; CAP; ESF-12; MDNR
Timeframe	Å

FLOODPLAIN REGULATIONS:

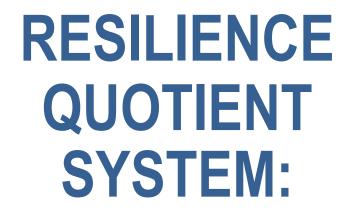
Baltimore, MD





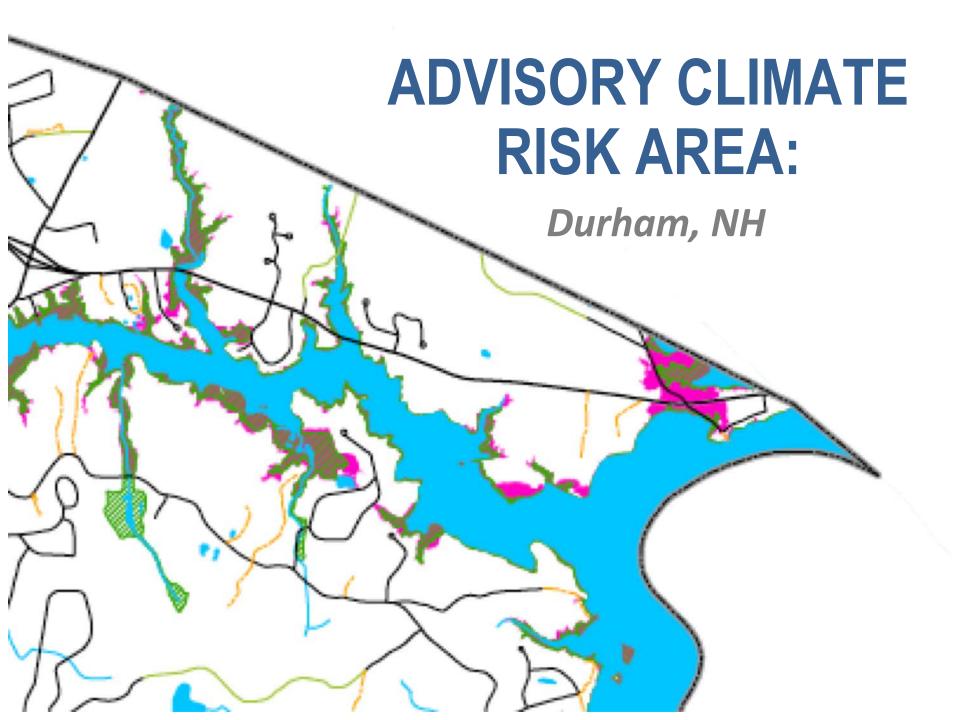
PLANNING:

Norfolk, VA Vision 2100 Plan



Norfolk, VA













PLANNING:

Resilient Edgemere (New York City)

Short-term Vision



Long-term Vision



Credit: Resilient Edgemere Community Plan (p. 22)

LOCAL BUYOUTS:

Charlotte-Mecklenburg County, NC





Credit: Charlotte-Mecklenburg Storm Water Services

SETBACKS:

Kauai, HI



Credit: Jonathan Jay, Island Breath

ECOSYSTEMS:

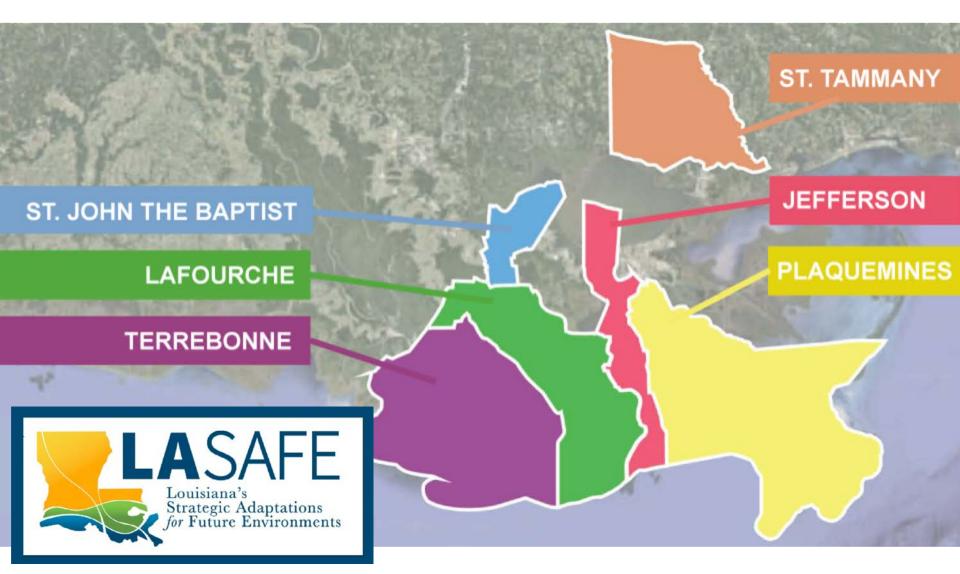
Yankeetown, FL Natural Resource Adaptation Action Area

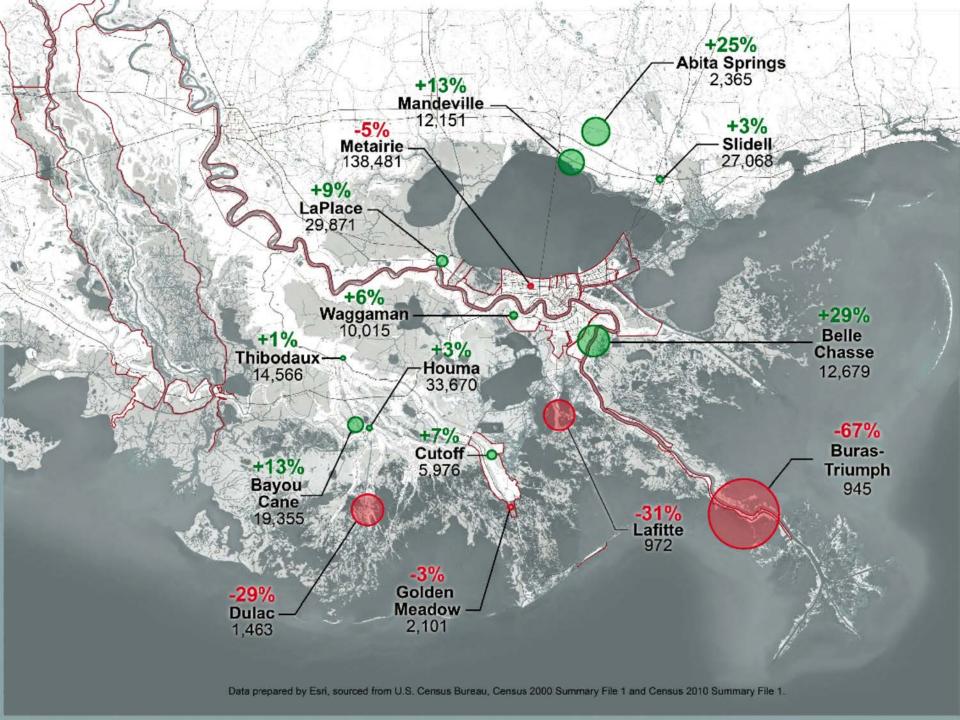


Credit: Isaac Babcock/Special to USA TODAY NETWORK - FLORIDA

RECEIVING COMMUNITIES:

Louisiana





LEGAL FEASIBILITY?

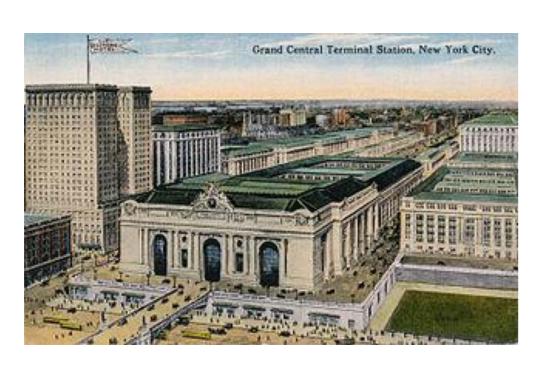
Question	Analysis
Authority?	 Local authority to zone and plan State agency roles
Compliance with state laws?	 Coastal act Floodplain requirements Wetlands regulations Historic preservation
Compliance with federal laws?	 National Flood Insurance Program Clean Water Act Americans with Disabilities Act
Constitutional questions?	TakingsSubstantive due process

Lucas v. South Carolina Coastal Council



 Per se takings: A takings will result if a property owner is deprived of <u>all</u> the economically beneficial uses of his/her property.

Penn Central Transportation Co. v. New York City



- 1) The public purpose served;
- Effect of the regulation on the owner, including the potential decrease in value of the entire property; and
- 3) The property owner's investment-backed expectations in the property.

TAKINGS EXAMPLE:

Chatham, MA



Credit: Town of Chatham, Massachusetts

MAIN TAKEAWAYS

A legal challenge that has to be considered.

however...

There are ways to minimize legal risk. For example:

- Purpose and findings
- Tailor government actions to perceived or actual risk
- Notice (e.g., real estate disclosures)

GCC's MANAGED RETREAT TOOLKIT Tentative sections may include:

- Legal and policy considerations
- Planning (e.g., CZM, comprehensive plans)
- Buyouts and acquisitions
- Regulatory tools: Limiting new development and redevelopment in at-risk areas
- Infrastructure
- Ecosystems and migration corridors
- Preparing "receiving" communities
- Funding
- Equity
- Communication strategies

http://bit.ly/ManagedRetreatToolkit

For More Information and Additional Resources:

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http://www.GeorgetownClimate.org
http://www.AdaptationClearinghouse.org
http://bit.ly/ManagedRetreatToolkit

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