### CLIMATE ADAPTATION FORUM

## Emerging Governance Structures for Climate Resilience

June 2, 2023

Nutter, McClennen & Fish LLP, Boston

and

**Streaming on Zoom** 





#### WELCOME

### Kelly Knee

Forum Organizer

Executive Director RPS Ocean Science



#### FORUM CO-CHAIRS

Kathleen M. Brill

Partner Foley Hoag LLP

**Deanna Moran** 

Vice President for Healthy & Resilient Communities

Conservation Law Foundation



































#### **Barr Foundation**























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### Julie Eaton Ernst

Resiliency Team Leader Weston & Sampson

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### Luz Arregoces

Director of Community Relations
New England Aquarium

#### WELCOME FROM HOST

### **Brent McDonald**

Of Counsel Nutter, McClennen & Fish LLP



#### PROGRAM INTRODUCTION

### Deanna Moran

Forum Co-Chair

Vice President for Healthy & Resilient Communities

Conservation Law Foundation

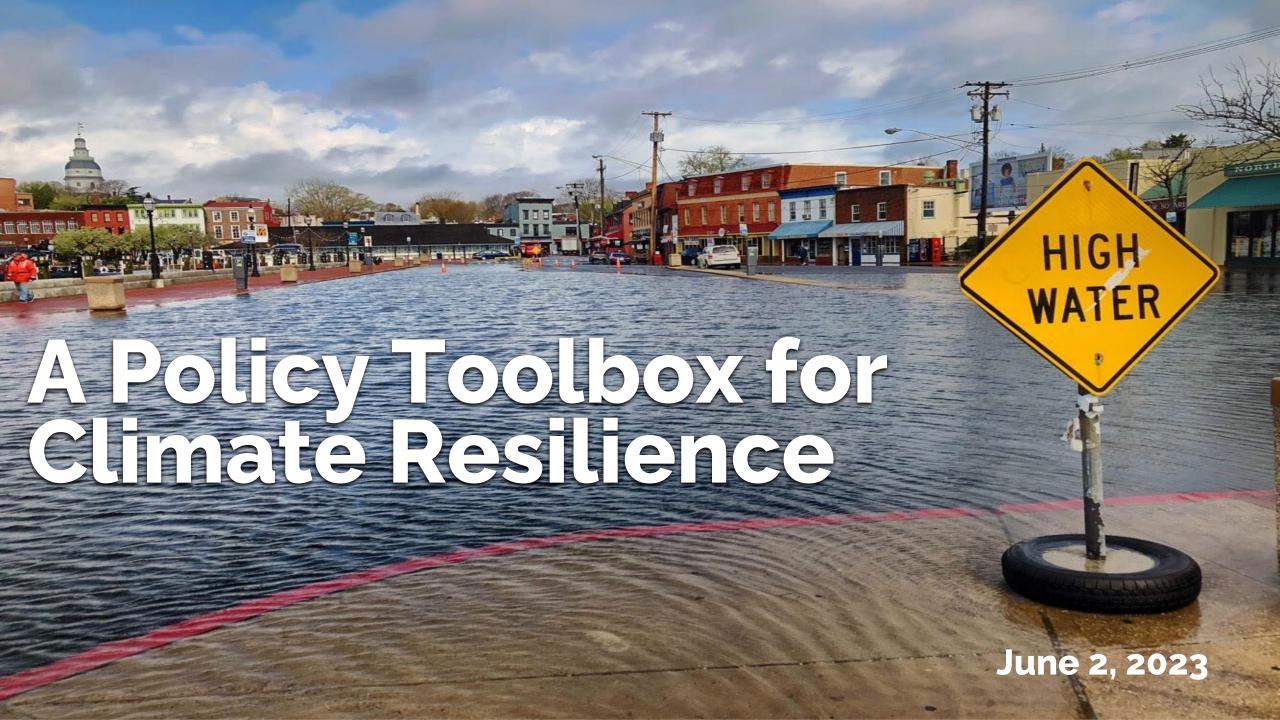


# Keynote Presentation A Policy Toolbox for Climate Resilience

### Senator Sarah Elfreth

Maryland
District 30, Anne Arundel County





# A changing climate requires a new set of policy tools

**Establishing Resilience Authorities** 

Setting ambitious policy goals

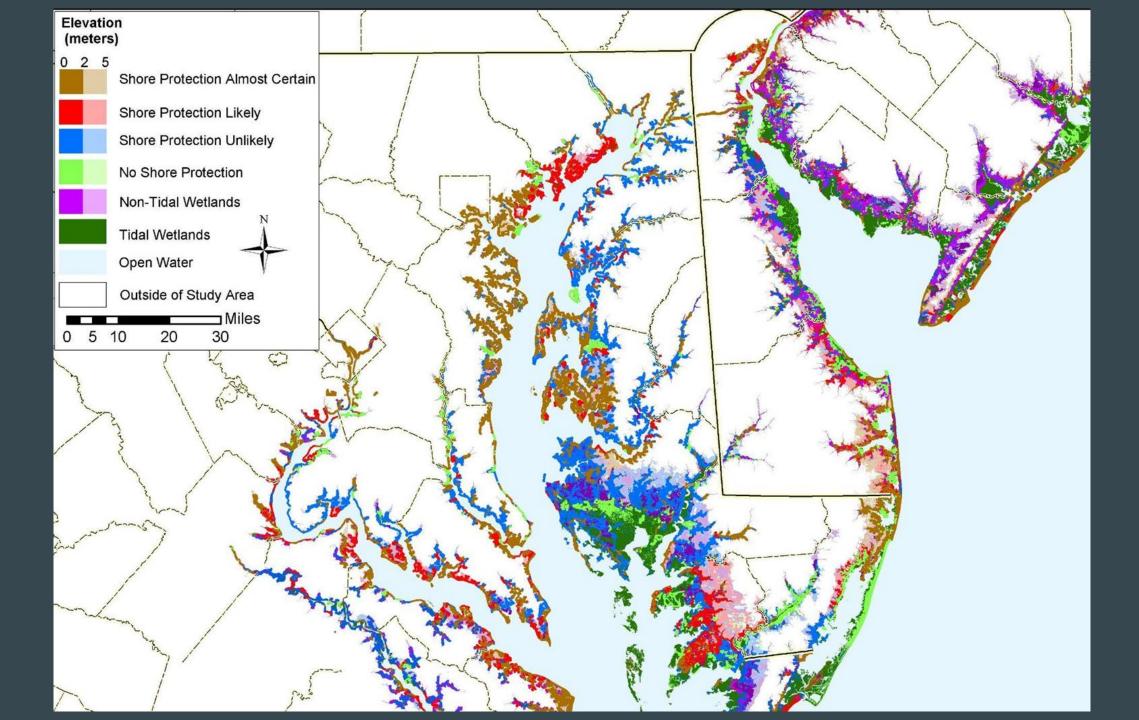
Implementing strategic policy tools

Mitigating & responding to climate change impacts

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# Maryland's Inflection Point 3,100 miles of tidal shoreline

- From 2000 to 2020, precipitation in Maryland increased by 2.63 inches per decade
- The Northeast Atlantic region saw 100 to 150 percent more flood days in 2020 than in 2000
- Projected sea level in the Chesapeake Bay will rise up to 2.1 feet by 2050 in a 2013 report

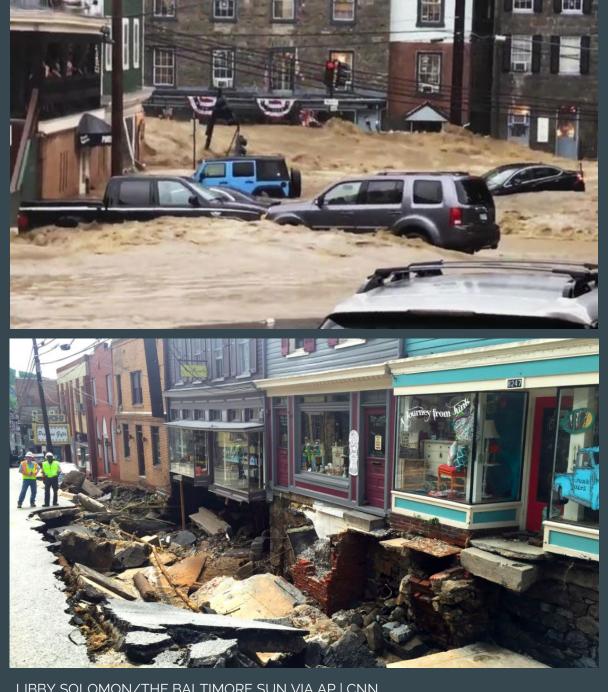


#### Annapolis sees

### 50 to 60 days

of nuisance or sunny day flooding annually.





**Ellicott City** saw

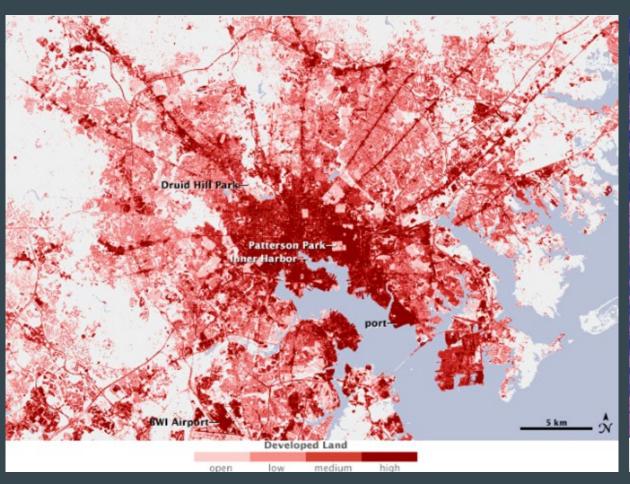
### two 1,000 year floods in two years

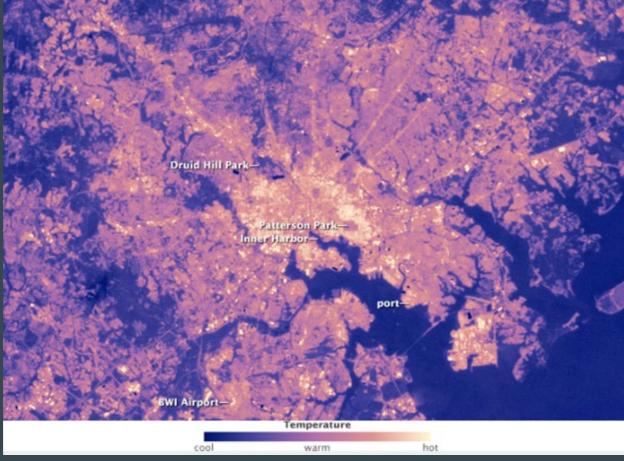
due to flash flooding and overdevelopment, resulting in three lives lost and tens of millions in damages.

#### Baltimore City sees temperatures

### 10 degrees warmer

than surrounding suburbs.

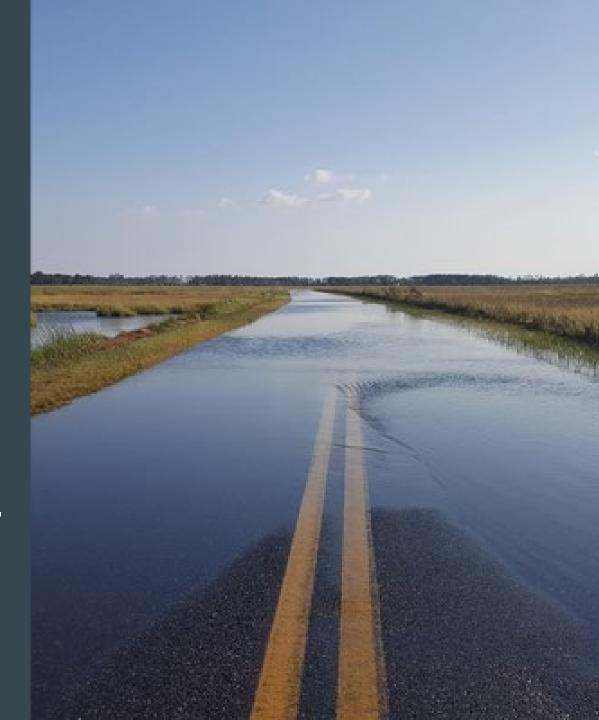




Half of **Dorchester County** is expected to be

### underwater by 2050

and saltwater intrusion is already threatening wells and formerly prime agricultural land.



#### Maryland's advantages

- → Smart mapping
  Partnership between MD
  Department of Natural
  Resources & NOAA
- → Experts at the ready University of Maryland Center for Environmental Science & University of Maryland Center for Environmental Finance

#### Maryland's disadvantages

- → No centralized strategy or coordination
- → No mechanism to build the complex infrastructure needed to combat climate change

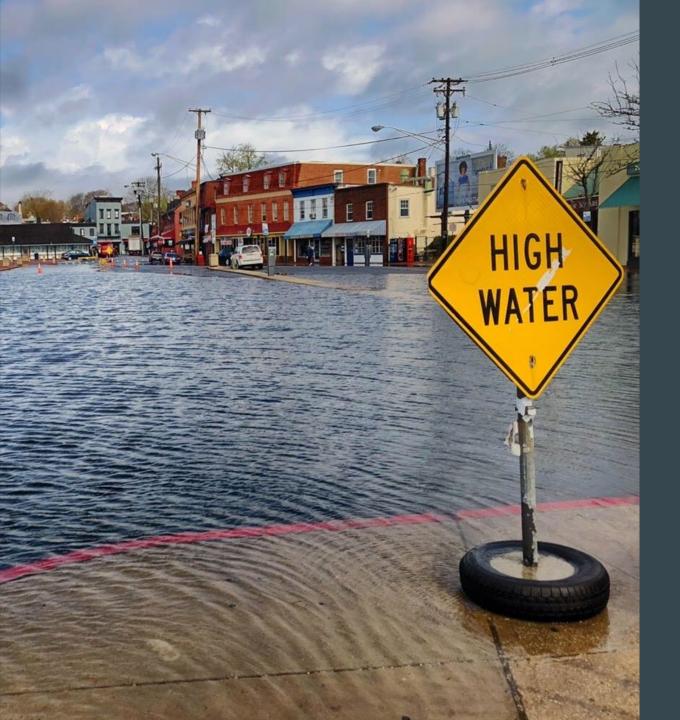


### The spark:

**Annapolis City Dock** project is a

### \$45 million plan

to preserve maritime history by raising the dock by 7 to 8 feet and building more public green space.



### The question:

How do we pay for the major infrastructure required to save and build more resilient communities?

#### Senate Bill 457: Local Governments - Resilience Authorities - Authorization

#### Goals of the legislation:

- Enables counties & municipalities, individually or jointly, to form "Resilience Authorities"
- Authorizes RAs to issue bonds to serve as the vehicle to fund critical infrastructure
- Allows localities to direct general fund revenue to RAs

#### Preamble

WHEREAS, The impacts from climate change are happening now in communities across the State of Maryland; and

WHEREAS, These impacts include rising temperatures, major rain and storm events, sea level rise, and changes in precipitation patterns; and

WHEREAS, Those things that Maryland communities depend upon and value – natural resources and ecosystems, energy, transportation, agriculture, cultural and historic resources, human health, and economic growth – are experiencing, and will continue to experience, the effects of climate changes; and

WHEREAS, Communities in coastal states account for nearly half of the nation's population and economic activity, and that cumulative damage to property in those areas could reach \$3.5 trillion by 2060; and

WHEREAS, Local governments will bear much of the responsibility and cost required to mitigate the impacts of climate change through infrastructure investment; and

WHEREAS, Resilience financing authorities can work in partnership with local governments to accelerate infrastructure financing, reduce the cost of implementation, and mitigate and manage the risks of climate change; now, therefore,

#### Senate Bill 457: Local Governments - Resilience Authorities - Authorization

#### **Definitions & limitations**

- Funds "resilience infrastructure projects" to include flood barriers, green spaces, building elevation, and stormwater infrastructure that address the effects of climate change
- Defines eligible projects as those that address sea level rise, nuisance flooding, increased rainfall, erosion, and temperature rise

- (B) A RESILIENCE AUTHORITY MAY HAS AND MAY EXERCISE ALL POWERS NECESSARY OR CONVENIENT TO UNDERTAKE, FINANCE, MANAGE, ACQUIRE, OWN, CONVEY, OR SUPPORT RESILIENCE INFRASTRUCTURE PROJECTS, INCLUDING THE POWER TO:
- (1) ACQUIRE BY PURCHASE, LEASE, OR OTHER LEGAL MEANS, BUT NOT BY EMINENT DOMAIN, PROPERTY FOR RESILIENCE INFRASTRUCTURE;
- (2) ESTABLISH, CONSTRUCT, ALTER, IMPROVE, EQUIP, REPAIR, MAINTAIN, OPERATE, AND REGULATE RESILIENCE INFRASTRUCTURE OWNED BY THE INCORPORATING LOCAL GOVERNMENT OR THE RESILIENCE AUTHORITY;
- (3) RECEIVE MONEY FROM ITS INCORPORATING LOCAL GOVERNMENT, THE STATE, OTHER GOVERNMENTAL UNITS, OR NONPROFIT PRIVATE ORGANIZATIONS;
  - (4) CHARGE AND COLLECT FEES FOR ITS SERVICES;
- (5) SUBJECT TO THE APPROVAL OF THE LOCAL GOVERNING BODY, CHARGE AND COLLECT FEES TO BACK ITS BOND ISSUANCES;
- (6) HAVE EMPLOYEES AND CONSULTANTS AS IT CONSIDERS NECESSARY;
  - (7) USE THE SERVICES OF OTHER GOVERNMENTAL UNITS; AND

#### Senate Bill 457: Local Governments - Resilience Authorities - Authorization

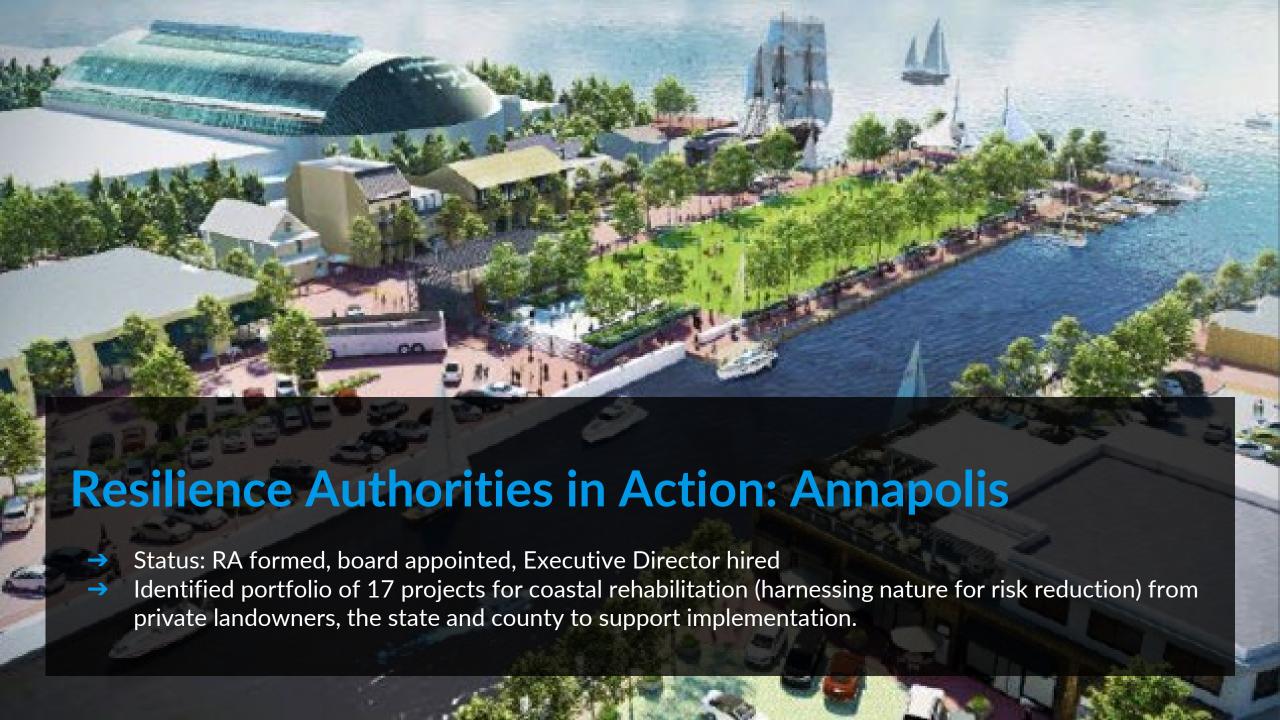
#### **Definitions & limitations**

- Local governments have flexibility in defining size of and terms of the board of RAs
- Requires annual reporting to relevant committees of the General Assembly
- RAs CAN NOT raise taxes
   (this remains the sole discretion of the local governing body)
- RAs CAN NOT exercise eminent domain to expropriate private property for public use

- (B) A RESILIENCE AUTHORITY MAY HAS AND MAY EXERCISE ALL POWERS NECESSARY OR CONVENIENT TO UNDERTAKE, FINANCE, MANAGE, ACQUIRE, OWN, CONVEY, OR SUPPORT RESILIENCE INFRASTRUCTURE PROJECTS, INCLUDING THE POWER TO:
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  - (7) USE THE SERVICES OF OTHER GOVERNMENTAL UNITS; AND

#### **Advantages of a Resilience Authority**

- Exist outside of local government procurement process, resulting in greater efficiency & speed of project completion
- Any debt service incurred by the RA does not accrue to the local government's debt ceiling policy, thereby limiting the number of projects underway at any given time
- As a non-profit, the RA is eligible to apply for certain grant funding for which local governments either aren't eligible or are not considered competitive
- RAs can make decisions outside of the political process, thereby has greater flexibility to:
  - Address priority projects
  - ◆ Address non-local government (e.g. private or P3) projects
- RAs provide greater flexibility to embrace innovative solutions, including:
  - Water Quality Revolving Loan Fund
  - Pay for Performance model contracts
  - Combination funding from multiple sources
- Scalable to address larger projects as local governments grow & projects become more complex



### Elevation Shore Protection Almost Certain Shore Protection Likely Shore Protection Unlikely No Shore Protection Non-Tidal Wetlands Fidal Wetlands Open Water Outside of Study Area

#### **RAs in Action: Charles County**

- DNR Grants Gateway funded a study of Zekiah Watershed Urban Flooding, and CCRA is now working with DNR to submit a proposal that will turn this climate challenge into an opportunity to remedy stormwater flooding holistically and incorporating green infrastructure that has the co-benefits of creating green space and trees that also provide air quality, water quality, and cooling benefits
- Five Million Trees partnership: CCRA Partnered with Casey Trees and Waldorf New Hope Community Outreach Services

### Elevation Shore Protection Almost Certain Shore Protection Likely Shore Protection Unlikely No Shore Protection Non-Tidal Wetlands Fidal Wetlands Open Water Outside of Study Area

#### **RAs in Action: Charles County**

- CCRA is joining DNR's application for NOAA's Coastal Zone Management grant with a project on the the first waterfront public access site with a beach in Charles County. This area presents the challenge of flooding and is in a Coast Smart Climate Ready Action Boundary, with high tide and storm flooding hazards and is characterized by EJ-Climate Sensitive Populations and is an area of high concern re Climate and Health.
- Hub in Waldorf through a partnership with New Hope Community Outreach Services and potentially the new "Year of Service" program through the State's new Department of Service and Civic Innovation.





#### **Ambitious policy goals**

- Clean Energy Jobs Act (2019)
  Goal: Achieve 50% renewable energy
  by 2030, 100% thereafter
- Climate Solutions Now Act (2022)
   Goal: Reduce greenhouse gas
   emissions by 60% by 2031
- Maryland the Beautiful Act (2023)
  Goal: Preserve 30% of the State's lands
  by 2030 and 40% by 2040

### Strategic policy tools

- State Retirement & Pension System Investment Climate Risk – Fiduciary Duties (2022)
   Ensures SRPS consider climate change as a financial factor when making investment decisions
- Equitable & balanced clean energy policy Community solar, incentives to develop solar for lowand moderate-income neighbors, innovative tax policy
- → **Great Maryland Outdoors Act (2022)**Record investment in State Parks, including a \$5 million set-aside for blue & green infrastructure
- → Forest Conservation Act (2023)

  Critical update to forest preservation law, prioritizing riparian buffers, multifamily housing, & contiguous forest
- Buy Clean Maryland Act (2023)
  Prioritizes clean concrete in State procurement





## Mitigating & responding to climate change impacts

- Updating of science in law (2020)
  Requires immediate & consistent updates to rainfall data used in stormwater & construction standards
- Chief Resilience Officer (2022)
  Establishes a "resilience czar" to oversee and coordinate statewide strategy
- State Disaster Recovery Fund (2023) Establishes a \$10 million fund for the state to assist local governments in instances of microstorms & disasters

#### **Senator Sarah Elfreth**

e. Sarah@SarahElfreth.com

f. @SarahforSenate

i. @SenatorSarahE

t. @SenatorSarah

### Questions

# United for Climate: Local Government Collaboration on Resilience

### Suzanne Smith

Executive Director
Sonoma County
Regional Climate Protection Authority









# United for Climate: Local Government Collaboration on Resilience

Suzanne Smith, Executive Director

Sonoma County Regional Climate Protection Authority presenting at

Emerging Governance Structures for Climate Resilience Climate Adaptation Forum

Boston, MA

June 2, 2023



#### Mission:

RCPA leads a local government coalition to mobilize climate action in Sonoma County



e Park

Sebastopol

Bodega Bay

4

Population: 486,000 County size: 1,575 sq miles

Coastline/bayline: 76 miles

Sonoma County, CA

Rohnert Park

Sonoma

Petaluma

























scta.ca.gov | rcpa.ca.gov 4

## RCPA Accomplishments

2016

**RCPA Created** 

**SHIFT Sonoma** 

2021

Sonoma Climate

**Mobilization** 

Strategy

2023

Carbon **Neutral** 

By 2030

Climate Action 2020 and Beyond

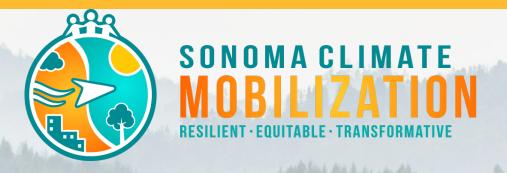
**Climate Emergency** Resolutions

**Climate Protection Initiative** 

Recognized as a White House **Climate Action** Champion in 2014







Initiative	Strategy
Transportation	<ul> <li>Drive Less Sonoma County Campaign</li> <li>EV Access for All Partnership</li> <li>Sonoma County Vehicle Miles Traveled Mitigation Bank</li> </ul>
Buildings	<ul><li>All-Electric Buildings Campaign</li><li>Carbon-Free Electricity</li></ul>
Land and Water	<ul> <li>Protect Existing Carbon Stocks</li> <li>Increase Carbon Stocks</li> <li>Scale Up Infrastructure for Sequestration</li> </ul>
Environmental Justice and Community Engagement	

#### Climate Resilience District -> Climate Protection Initiative



#### Climate Resilience District (CRD)

Authorizes local agencies to form a special district to deal with climate adaptation and mitigation.

- Parcel tax
- Sales tax
- Tax increment financing
- Benefit assessments
- Service charges
- Gifts, fees, and grants from public and private entities
- Ability to issue revenue and GO bonds
- No eminent domain authority



#### Climate Protection Initiative (CPI)

Establish stable, reliable local funds to address climate change

- Ad Hoc Committee was created by RCPA Board in 2021 and community-based Steering Committee in 2022
- Explore options for a possible climate revenue measure in 2024
- Three focus areas derived from our Climate Mobilization Strategy:
  - Transportation
  - Buildings
  - Land and Water
- Polling
- Community engagement
- Expenditure plan development



**Congestion/Backup** 



**San Pablo Baylands** 



# Project Example: State Route 37

#### **Project Elements:**

- Governance
- Infrastructure
- Baylands preservation and restoration
- Public access



Sea Level Rise/Flooding Impacts



**Catastrophic Wildfires** 

#### **Project Elements:**

- Messaging and communication
- Assisting govt. collaboration
- Planning/permitting coordination
- Partner with NGOs and others for grants and resilience planning



## Project Example: Disaster Recovery



**Extensive Flooding** 



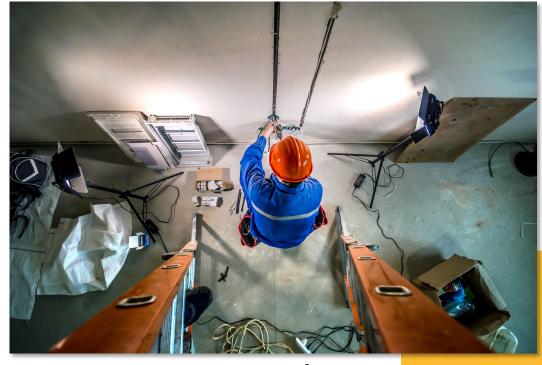
**Resilient Housing Construction** 

# Wildfire recovery – rebuild / build new housing with priority on:

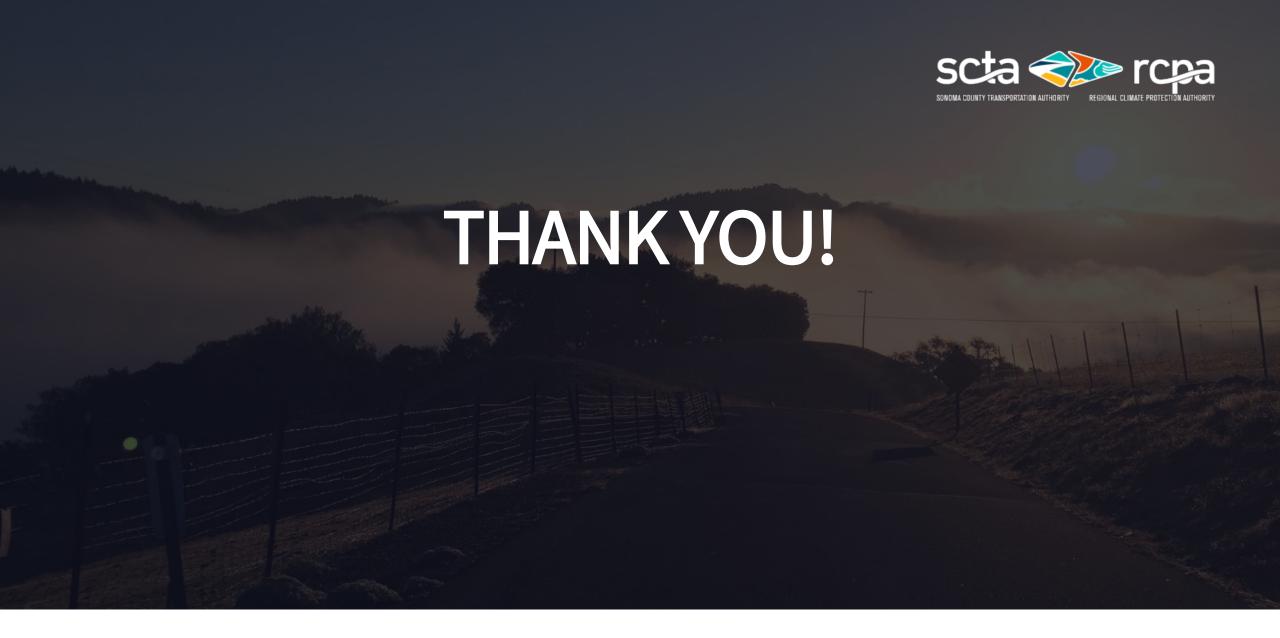
- Infill/transit oriented
- Affordable/workforce
- Climate smart



# Project Example: Renewal Enterprise District / Housing Fund



**Energy Efficiency/Electrification** 

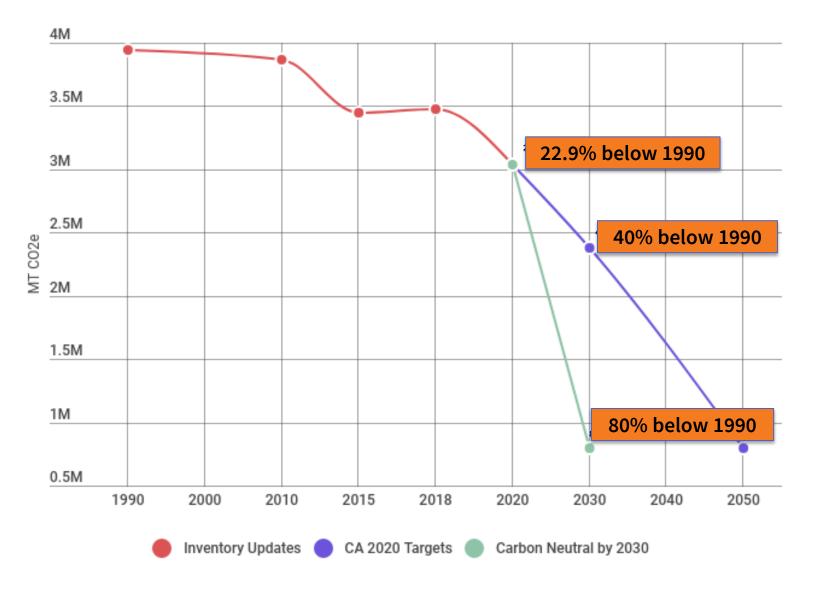








## RCPA's 2030 Climate Goals





# Decreasing Flood Risk with Regional Collaborations

# Mark Rupp

Adaptation Program Director Georgetown Climate Center



# Decreasing Flood Risk with Regional Collaborations







## Georgetown Climate Center: What We Do

Policy Development





Convening & Staffing Climate Initiatives

Opportunities for Students





Serve as a Resource to States and Communities

## www.adaptationclearinghouse.org



#### State and Local Adaptation Plans

States and communities around the country have begun to prepare for the climate changes that are already underway. This planning process typically results in a document called an adaptation plan.

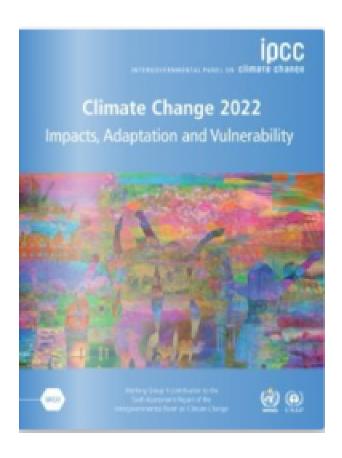
Select a State

Gregori Go

Below is a map that highlights the status of plate adaptation efforts. Click on a state to view a summery of its progress to date and to access its full profile page. State profile pages include a detailed breakdown of each state's adaptation work and links to local adaptation plans and resources. Peake move the map to view Alaska and Hawell.



## Intergovernmental Panel on Climate Change



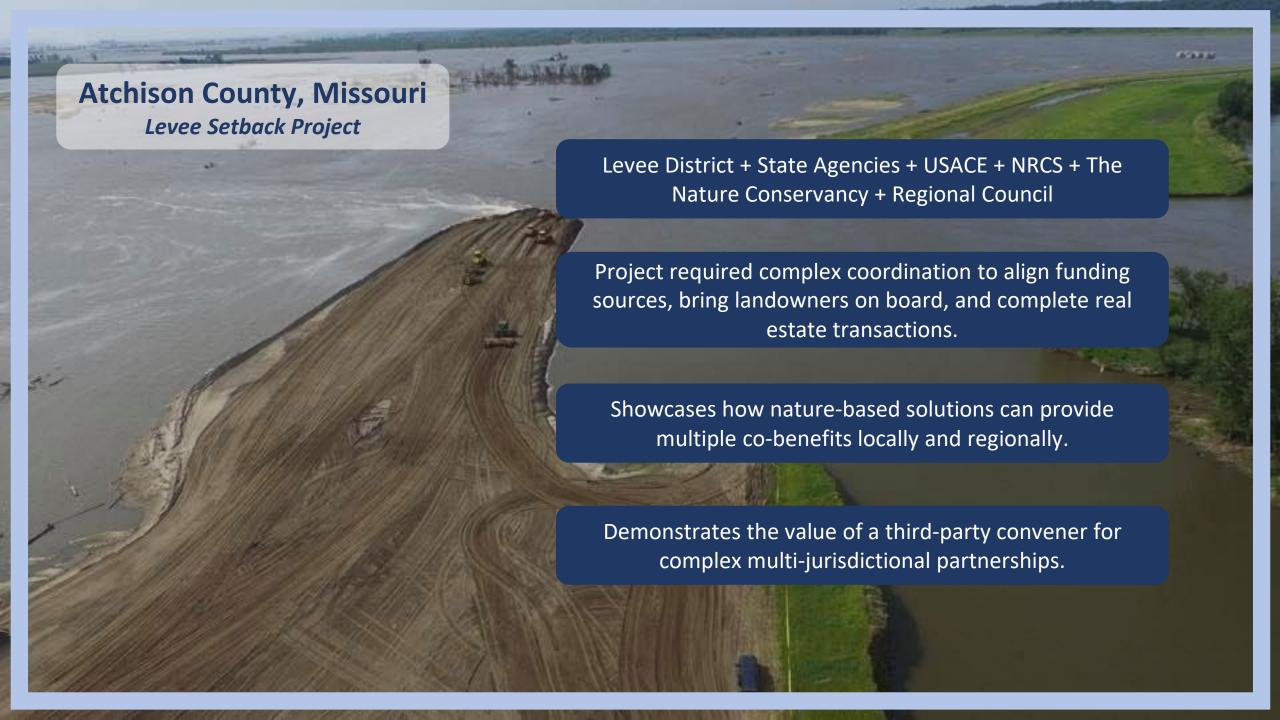
**Transformational adaptation.** Continuing and expanding current adaptation efforts can reduce some climate risks. But even with emission reductions sufficient to meet the Paris Agreement goals, transformational adaptation will be necessary.

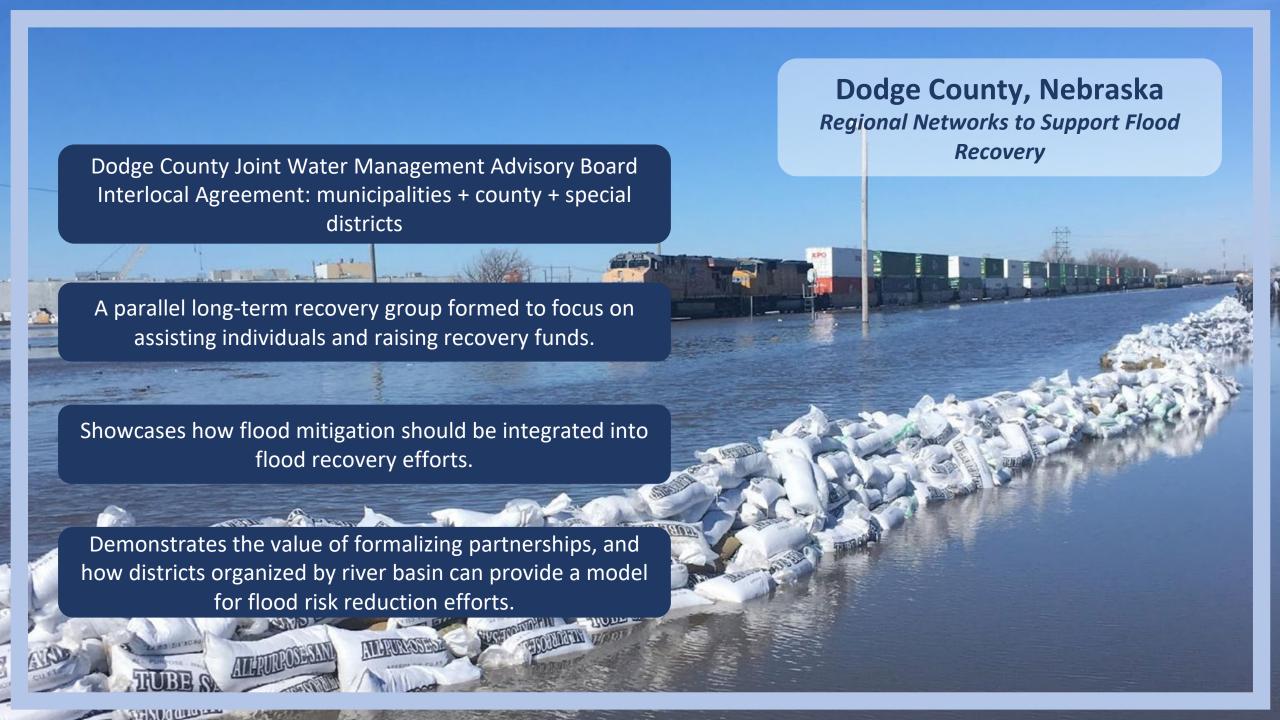
**Equity and Justice.** Climate resilient development is enabled when governments, civil society and the private sector make inclusive development choices that prioritize risk reduction, equity and justice.

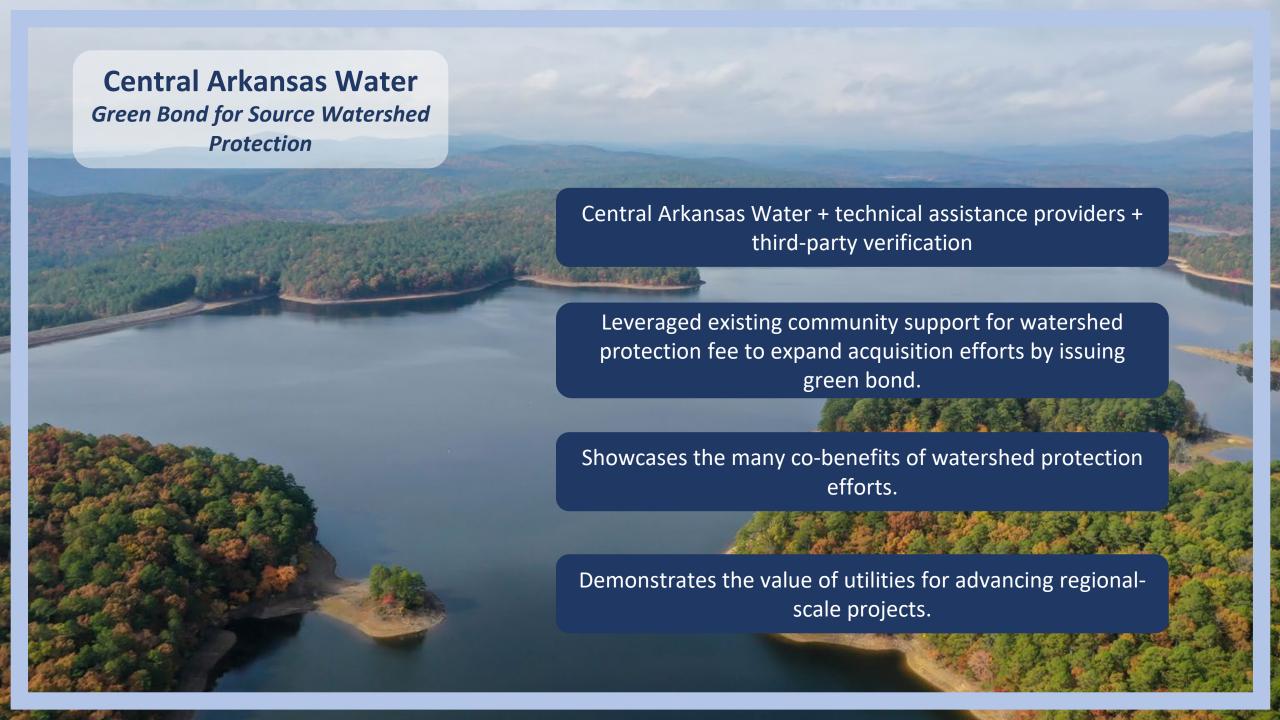
**Governance.** Actors at many scales and in many sectors, including individuals and households, communities, governments at all levels, private sector businesses, non-governmental organizations and religious groups and social movements.













### **Recommendations for Local Government**











Build a diverse coalition.

Invest time and start small.

Partner with existing regional groups.

Focus outreach on why people should care.

Consider local funding options.

#### Recommendations for State and Federal Government



Enable and empower regional authorities.



Design programs that foster regional collaborations.



Increase investments in planning and projects that reduce risk before a disaster occurs.



Federal cross-agency collaborations should support regional projects.







## WELCOME BACK

# Kathleen M. Brill

Forum Co-Chair

Partner Foley Hoag LLP

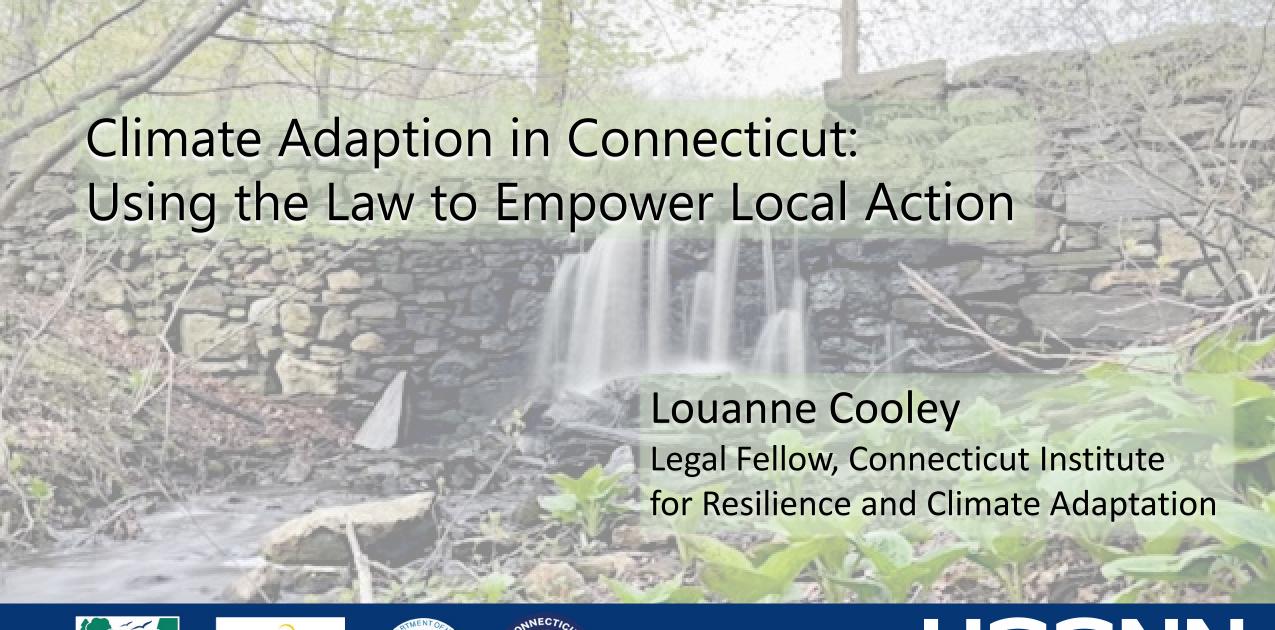


# Climate Adaption in Connecticut: Using the Law to Empower Local Action

# Louanne Cooley

Legal Research Fellow
Connecticut Institute for Resilience and Climate
Adaptation















## Imagine you are a town official in Connecticut

What are you worried about, in terms of Climate Change?

State law/ regulation

Flooding

**Transportation** 

Green house gas mitigation

Federal law/regulation

**Excessive Heat** 

Legal authority

Housing

**Politics** 

Air quality

**Environmental degradation** 

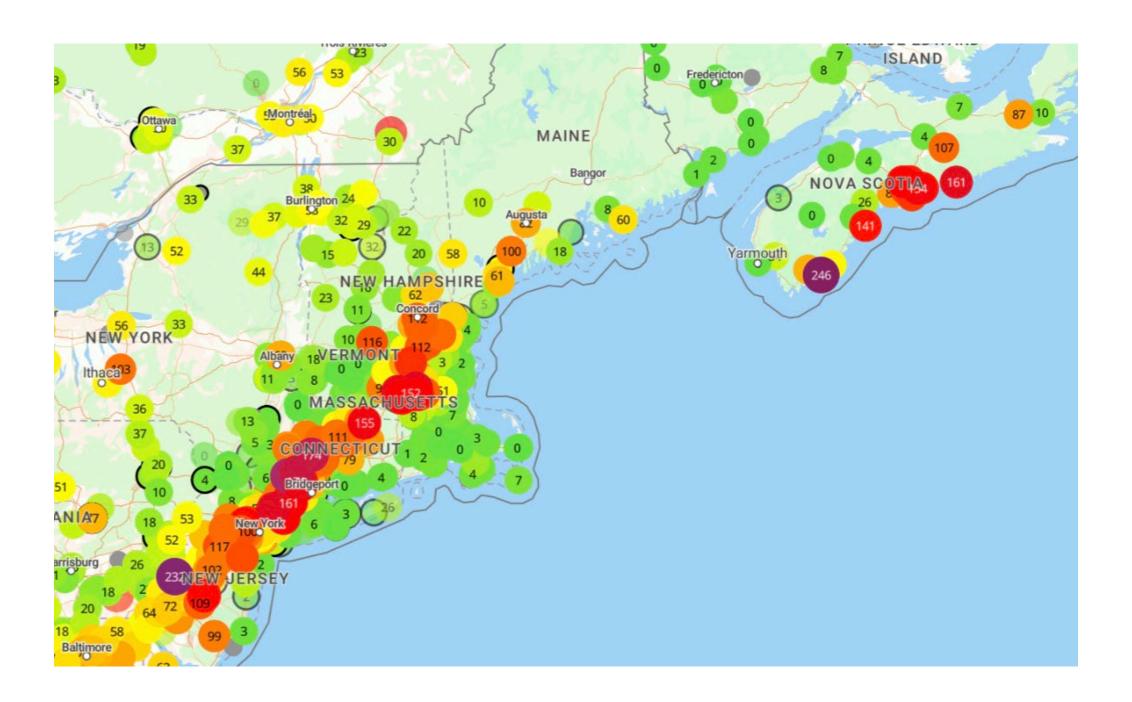
**Finance** 

**Energy infrastructure** 

Justice and equity

**Emergency management** 





## How does the state prioritize problems?

How is climate resilience funded?

Where can towns get help?

## How does the state prioritize problems?

Who has a seat at the table?



# Action should be approached in a way that is just,

equitable,

interdisciplinary

### **Executive Orders**

### Legislation

### Agency Regulatory Authority

EO 15-50 (2015) State Agencies Fostering Resilience Council

EO 16-53 (2016) Building code standards for extreme weather

EO 19-3 (2019) Governor's Council on Climate Change, adaptation planning

EO 21-3 (2021) Strengthens Green House Gas Reductions goals across state

agencies; creates Connecticut Community Climate Resilience Program

PA 18-82 climate change planning, sea level rise standards

PA 21-115 climate adaptation; Stormwater Authorities, Flood Boards

PA 21-29 zoning reform including training requirements

PA 21-43 just transition to climate-protective energy production and community investment

PA 22-25 mitigation for transportation sector

**DEEP- Office of Climate Planning** 

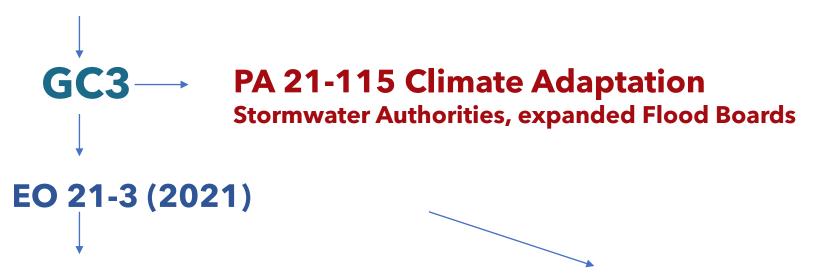
**Municipal Climate Resilient Grants** 

OPM- Climate Policy Development Coordinator

DOT- incorporating climate resiliency into planning

PURA- Equitable Modern Grid, including energy storage

### EO 19-3 (2019) Governor's Council on Climate Change, adaptation planning



### **Municipal Climate Resilient Grants**

DEEP OCP (2022-23) Resilience planning

CIRCA (2021-22) Stormwater Resilience Project Development Resilience project pipeline

#### **CIRCA Factsheets**





## How is climate resilience funded?



# PA 19-77 An Act Authorizing Municipal Climate Change and Coastal Resiliency Reserve Funds

#### PA 21-115 An Act Concerning Climate Change Adaptation

- Allows Stormwater Authorities to set fees for service;
- Expanded finance options for Flood Prevention, Climate Resilience and Erosion Control Boards;
- Expanded projects CT Green Bank can finance





associated with sea level rise is so

extensive and expensive that it wil

be difficult, if not impossible, for

the Town of Branford or any other

governmental organization to ad-

dress them all." Branford's Director

of Finance James Finch likes to use

figuring out what to do next without giving in to doom and despair. What

if the town created a fund dedicated

to addressing resilience challenges

and managed the assets similar

Branford's Plan of Conservation and invest what they have now, take a

to a pension plan? The idea is to

long term strategy, and grow the

reserve fund with the goal of match-

ing a future funding source to "the

the above quote by Arthur Ashe

to frame the town's approach to

Contact

John Truscinski, CIRCA,

Director of Resilience Planning

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state and federal laws that promote equal

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- Arthur Ashe

With over 20 miles of coastline

on Long Island Sound, Branford

front lines facing the challenges of

sea-level rise and climate change

in Connecticut. As recent storms

in the past decade have revealed

the extent of vulnerabilities across

Connecticut's coast, Branford has

taken proactive steps to put plans

in place with an eye to the future.

In 2016 a Coastal Resilience Plan

specific and town-wide options

for adaptation. An update to

was developed to identify location

Development in 2019 considered

the impact of sea-level rise to the

town's vision for the future and had

this to say: "The scope of the issues

# Where can towns get help?



### **State Agencies**







**Councils of Government (CoGs)** 

**Greenbank** 

Non-governmental and Community Based Organizations

**University resources** 





## CIRCA: using multidisciplinary teams to solve challenging problems

Science Tools Policy Communication

#### **PLANNING TOOLS**



Innovative planning that incorporates technical knowledge & leads to policy development & project implementation.

#### **TECHNICAL TOOLS**



Developing map viewers, storymaps, datasets, & guidance documents to inform planning & decision-making.

#### **FIELD RESEARCH**



Deploying instruments, analyzing data, & developing models to better understand site conditions & demonstration projects.

#### **ENGAGEMENT**



Working with stakeholders to build capacity & partnerships through events, outreach, & tool development.

### UCONN | UNIVERSITY OF CONNECTICUT

CONNECTICUT INSTITUTE FOR RESILIENCE & CLIMATE ADAPTATION (CIRCA)

## Resilient Connecticut



#### Phase 1:

Develop Resilience Planning Framework

- Coordinate with State Agencies (SAFR) and stakeholders
- Review existing local, state, and relevant national and international resilience and adaptation planning efforts
- · Draft Resilience Framework

#### Phase 2:

Conduct Resilience Planning in New Haven and Fairfield Counties

- Regional resilience planning incorporating the Resilience Framework
- Municipal resilience planning activities incorporating the Resilience Framework
- Regional engagement; coordination across plans and initial synthesis

#### Phase 3:

Synthesize, prioritize and develop implementation plans

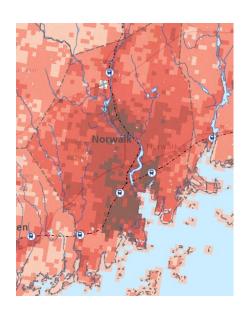
- Site plan development
- Synthesis report and Resilience Roadmap
- · Funding site plan projects

## Scientific Data & Analysis

## Legal Authority Analysis

### Policy Recommendation

**Engagement** 



Norwalk Heat Sensors

#### Short term:

- Public health and safety response
- Environmental justice framework

#### Long term:

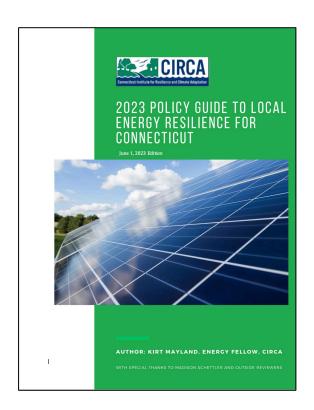
- Building codes
- Zoning codes
- Plan of Conservation and Development
- Design Standards

- Use zoning authority to regulate where cooling centers can be located in neighborhoods in need.
- Enact design standards regulating vegetation, shading, reflective materials.
- Use building code to mandate insulation standards

- Webinar with research scientist and public health official
- News articles
- Panel discussion
- Inclusion of mitigation to heat in Resilient Zoning toolkit

### CIRCA products:

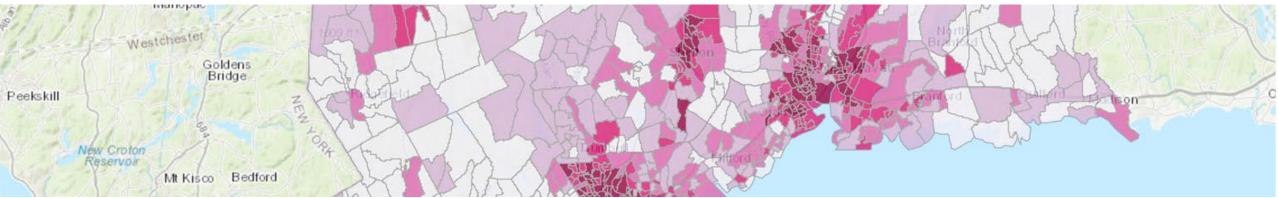
Factsheets and White Papers
Policy Resource Guides
Climate Vulnerability Mapping Tools
Environmental Justice Mapping Tools
Resilience Training for Land Use Officials



\*Newest CIRCA product\*

Guide for municipalizes to energy related incentives in the Inflation Reduction Act

#### Social Vulnerability index mapping















# Resilience, Affordability and Equity - The Future of Urban Renewal in Boston

## **Devin Quirk**

Deputy Chief for Development and Transformation Boston Planning & Development Agency





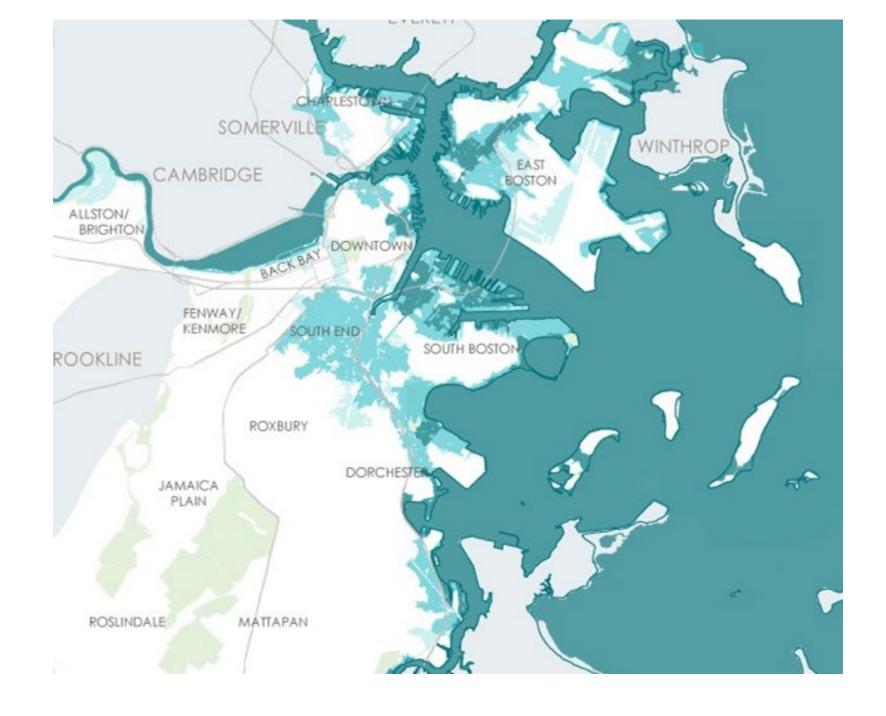
Resilience, Affordability and Equity - The Future of Urban Renewal in Boston

06/02/2023



#### **2070 Sea Level Threat**

Up to 18% of Boston's land will be exposed to flooding by 2070 in a 1% storm.





## WHAT'S AT STAKE?

People and Buildings Exposed to a 1% Flood Risk

Boston is the world's 8<sup>th</sup> most vulnerable city to financial loss from sea level rise, and 4<sup>th</sup> in the US.

18,000 **PEOPLE** 2,000 BUILDINGS (Worth \$20B) TTT TTT TTT TTT TTT TTT

85,000 **PEOPLE** ŤŤŤŤŤŤŤŤŤŤŤŤ

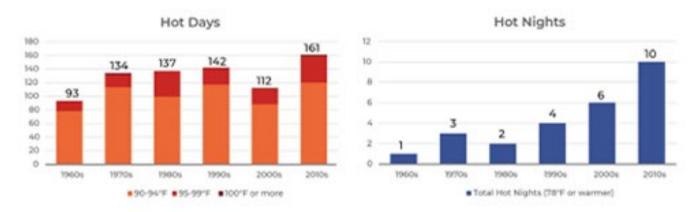
(Worth \$85B) 

2030+

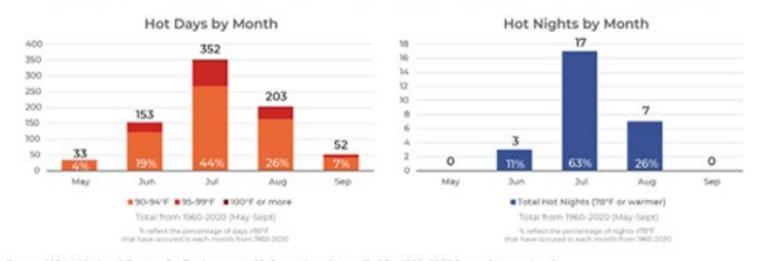
2070+

12,000 BUILDINGS

## In the last decade, Boston experienced more hot days and nights than any decade in the previous 50 years.



#### Historically, days above 90°F have mainly occurred between May and September.







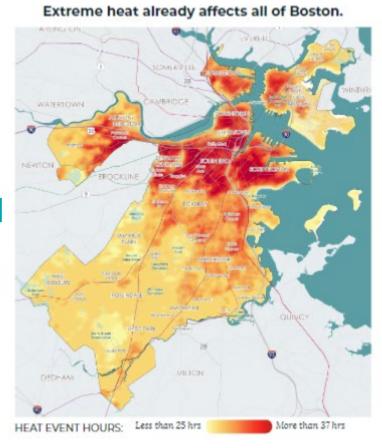
#### **Heat Indexes**

#### **Key Indices:**

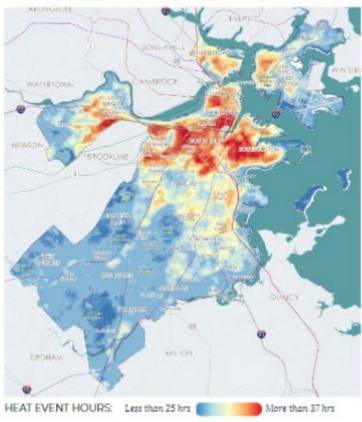
- 1. Daytime Air Temp
- 2. Nighttime Air Temp
- 3. Urban Heat Island
- 4. Heat Duration

## Neighborhoods Impacted EJ communities top the list

- 1. Chinatown
- 2. Roxbury
- 3. Mattpan
- 4. Allston /Brighton
- 5. East Boston
- 6. Dorchester



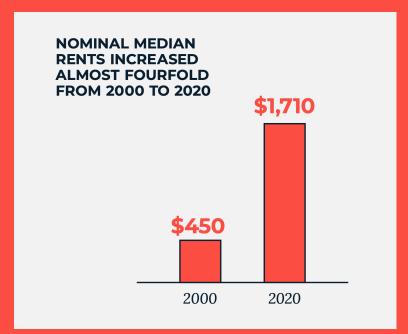
#### Some places are hot for longer.







In addition to the threats from climate change, Boston also has significant social equity challenges in the affordability of housing and racial disparities in wealth

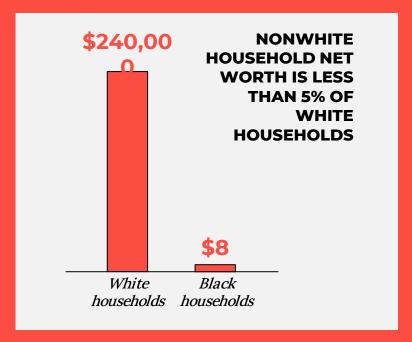






**28**%

MORE LIKELY THAN
WHITE RENTERS TO BE
SEVERELY COST
BURDENED



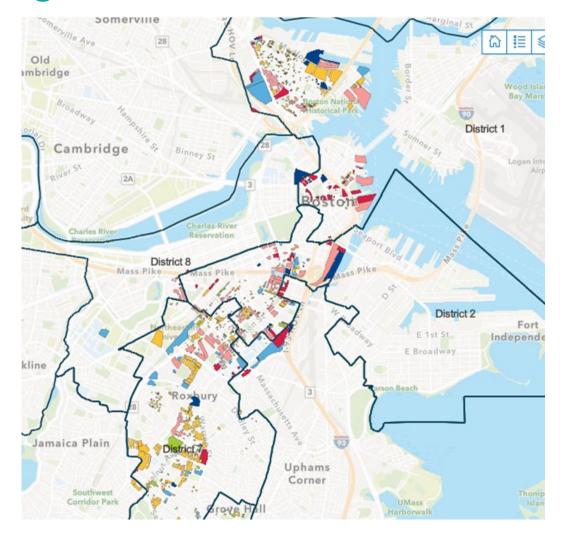


## Boston's Planning and Development Legal Authorities are firmly rooted in the past

- In the 1950's, with the rise of cars and disinvestment in urban centers, Boston leaders championed urban renewal programs to redevelop struggling areas across the City, but these tools were ultimately used in a manner that unjustly displaced thousands from their homes.
- Boston's Urban Renewal Plan areas are expiring in early 2025. While there is no need to extend policies tied to such a negative social justice legacy, this expiration also presents and opportunity.

### There are 2 Major Challenges in Ending Urban Renewal

- 1. Urban Renewal tools allows the BPDA to enforce agreements valued by community members
  - There are 832 Land Disposition Agreements (covenants) across the city
  - They protect 11K Units of Income Restricted Affordable Housing,
  - 1,734 units of senior housing.
  - **1.8M square feet of open space**, 48% of which is potentially developable.
  - 56 community and/or institutional-focussed land use designations
- 2. Urban Renewal provides tools the City may want for future community development efforts
  - The BPDA can acquire and dispose of land for purposes that City of Boston cannot – such as the purchase of property with the purpose of creating affordable housing.
  - The BPDA can enter into tax agreements and provided zoning tools to accelerate the construction of important





### Creating a new BPDA charter to meet today's need

#### 1957: Blight, Decadence, Substandard Housing



"Massachusetts General Laws Chapter 121A and Massachusetts Regulations 760 CMR 25.00 authorize the creation of single-purpose, project-specific, private Urban Renewal Corporations for undertaking residential, commercial, civic, recreational, historic or industrial projects in areas which are considered to be decadent, substandard or blighted open space."





"In this moment of urgent challenge and opportunity, Boston's growth must reflect the possibilities for our brightest future—
<u>from affordable housing and racial equity, to climate resilience</u>
<u>and healthy, connected communities."</u>

- Mayor Michelle Wu



### "An Act to Improve and Modernize Planning and Community Development"

#### The Act Officially Sunsets Urban Renewal

 The BPDA will be prohibited from taking further actions related to blight, decadence, or substandard housing, thereby ending this chapter in Boston's history

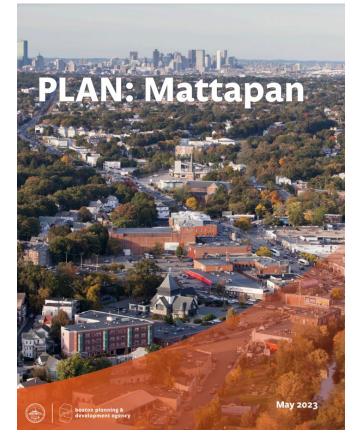
The termination of Urban Renewal is done in a way that appropriately addresses the downside risks associated with the ending urban renewal:

- BPDA retains its ability to enforce restrictions that protect community assets, including all existing Land Disposition Agreements without need for further extension
- The Act directs the agency to take real estate actions associated with key planning principles:
  - (1) resiliency, including climate change mitigation and adaptation;
  - (2) affordability, including the creation and retention of affordable housing and support for local businesses; and
  - (3) community development, including expanding access to economic opportunity, enhancing public social services, and improving the built environment consistent with the objectives of the act



## Through the Act, the BPDA can deploy powerful community development tools in service of this new mission

- The Act preserves the BPDA's **Chapter 30B real estate exemption** including the ability to do demonstration projects tied to Resilience, Affordability and Community Development purposes.
  - BPDA may engage in direct negotiations with property owners for real estate acquisitions and dispositions tied to this mission
  - Enhances the BPDA's ability to create Public Private Partnerships
- Creates the ability to negotiated property tax agreements (Ch. 121a and 121b) for projects that align for the new mission - rather than tying these tools to blight findings.
- The Act also authorizes the agency to act as a public economic development agency tied to our new charter in order to fund worthy projects, clear title issues, and to issue bonds.



BPDA's recently approved PLAN Mattapan identify community needs for public-private partnerships for economic development



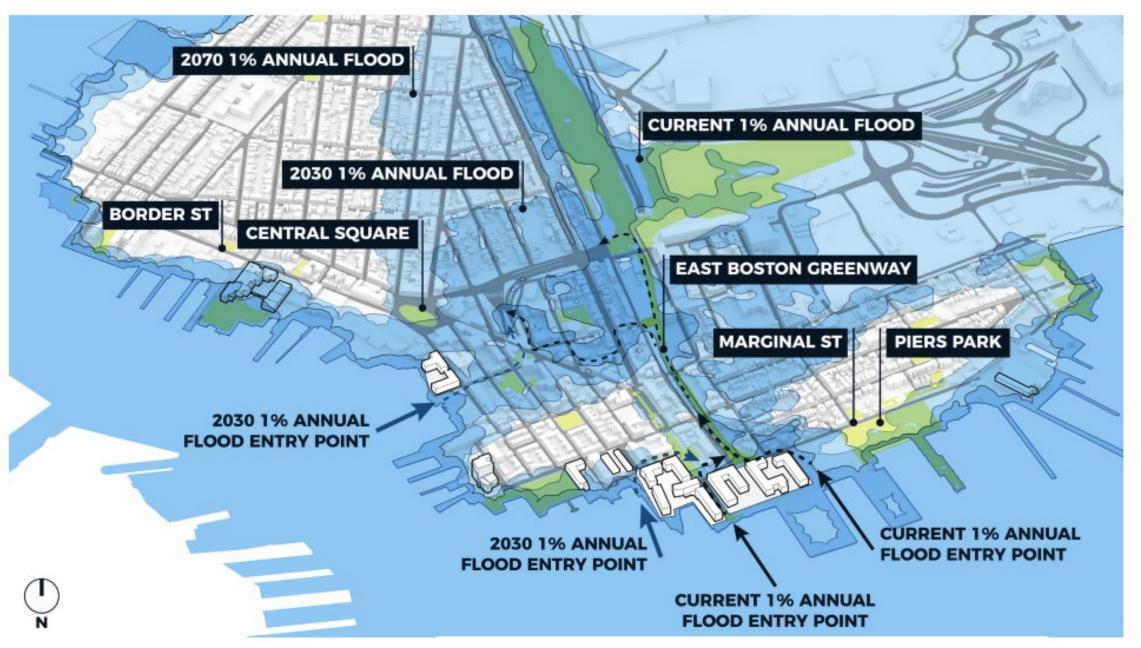
## Because Urban Renewal is so closely tied to mission of the BPDA, the Act also establishes a new future for the BPDA:

- The legislation modernizes the charter of the BPDA:
  - Establishes a new Agency mission focused on affordability, equity and resilience
  - Consolidates the BRA/EDIC into a single organization
- While the center of planning activities will move to the City over time, the BPDA board will remain the entity overseeing development, but is envisioned to eventually be staffed and managed much more like other boards and commissions across the city and the Commonwealth
  - The agency will continue to be governed by a board of five members 4 of which appointed by the Mayor and confirmed by the City Council
  - The Planning Board functions of Boston remain consistent with today's structure with the BPDA Board continue to approve development decisions through the **Article 80 process** and the Zoning Commission adopting changes to the zoning code.





## An example of putting the concept into action - East Boston



The gradations of blue in the map show how the 1% annual chance flood extent changes as sea levels rise. The colors do not indicate depth of flooding. The arrows show the flood entry points and pathways with current sea levels, 9 inches of sea level rise (2030s), and 36 inches of sea level rise (2070s).



The Climate Ready Boston
Team has identified strong
conceptual plans for
closing flood pathways







The Act provides the City with the tools necessary to negotiate with the dozens of private property owners that own pieces of the flood incursion pathway in East Boston.

Acquisition is just a starting point, inward of flood walls we could also deploy tools to:

- Create affordable housing
- Support arts or small businesses uses
- Develop property through public private partnerships
- Clear title issues
- Assist financing through favorable property tax rates





## MODERATED DISCUSSION

### **Panel Moderator:**

Joan Fitzgerald, Professor of Public Policy and Urban Affairs Northeastern University

### **Panelists:**

- Louanne Cooley, Connecticut Institute for Resilience and Climate Adaptation
- Senator Sarah Elfreth, Maryland
- **Devin Quirk**, Boston Planning & Development Agency
- Mark Rupp, Georgetown Climate Center
- Suzanne Smith, Sonoma County Regional Climate Protection Authority



## CLOSING REMARKS

## Gabriela Boscio Santos

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