



INSTITUTE FOR  
Sustainable  
Communities

# Spotlight on Governance & Collaboration

## Cross-Cutting Challenges 1

Resilient Vermont  
Solutions Summit

# CEQ Adaptation Task Force – Final Report to the President (Oct 2010)

- Policy Goals & Recommendations:
  - Encourage & Mainstream Adaptation Planning Across Federal Agencies
  - Improve Integration of Science Into Decision-Making
  - Address Key Cross-Cutting Issues
  - Enhance Efforts to Lead & Support International Adaptation
  - Coordinate Capabilities of Federal Government to Support Adaptation
    - “[a]daptation requires coordination across multiple sectors, geographical scales, and levels of government . . . . Because impacts, vulnerability, and needs vary by region and locale, adaptation will be most effective when driven by local or regional risks and needs.”

# Key Governance Questions for Resilience

- How to localize? 50 states, 3K Counties, 19,500+ municipalities
- What is the appropriate scale for various approaches to adaptation planning & strategy development?
- What approaches enable multi-sectoral collaboration (to manage trade-offs and synergies), multi-jurisdictional collaboration (both horizontal across equivalent adjoining jurisdictions and vertical across local-state-national governments)?
- What mechanisms enable long-term initiatives to flourish beyond the terms in office of particular elected officials?
- How to integrate with existing intergovernmental functions and relationships

# PlaNYC – New York City



## City Agencies

- Dept. of Buildings
- Dept. of City Planning
- Dept. of Design & Construction
- Dept. of Environmental Protection
- Dept. of Health
- Dept. of Law
- Dept. of Parks & Recreation
- Dept. of Sanitation
- Dept. of Transportation
- Economic Development Corp.
- Office of Emergency Management
- Office of Management & Budget

## State Agencies/Authorities

- Dept. of Environmental Conservation
- Dept. of State
- Dept. of Transportation
- Governors Island Preservation and Education Corporation
- Hudson River Park Trust
- Metropolitan Transportation Authority
- NY Power Authority
- NYS Public Service Commission
- NJ Transit
- Port Authority of NY/NJ
- State Emergency Management Office

## Federal Agencies

- Amtrak
- National Park Service

## Private Companies

- Astoria Energy LLC
- AT&T
- Cablevision
- Con Edison
- CSX
- National Grid
- NRG Energy
- NY Independent System Operators
- Sprint Nextel
- Suez Energy, NA
- Time Warner Cable
- T-Mobile
- TransCanada
- USPowerGen
- Verizon

# PlaNYC to NYS 2100 Commission



## **NYS 2100 COMMISSION**

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Recommendations to Improve  
the Strength and Resilience of  
the Empire State's Infrastructure



# San Diego Regional Climate Initiative



- Metro-scale collaboration including local governments, Tijuana River Estuary and the Port of San Diego
- Elements of climate adaptation & mitigation
- SB 375/AB 32

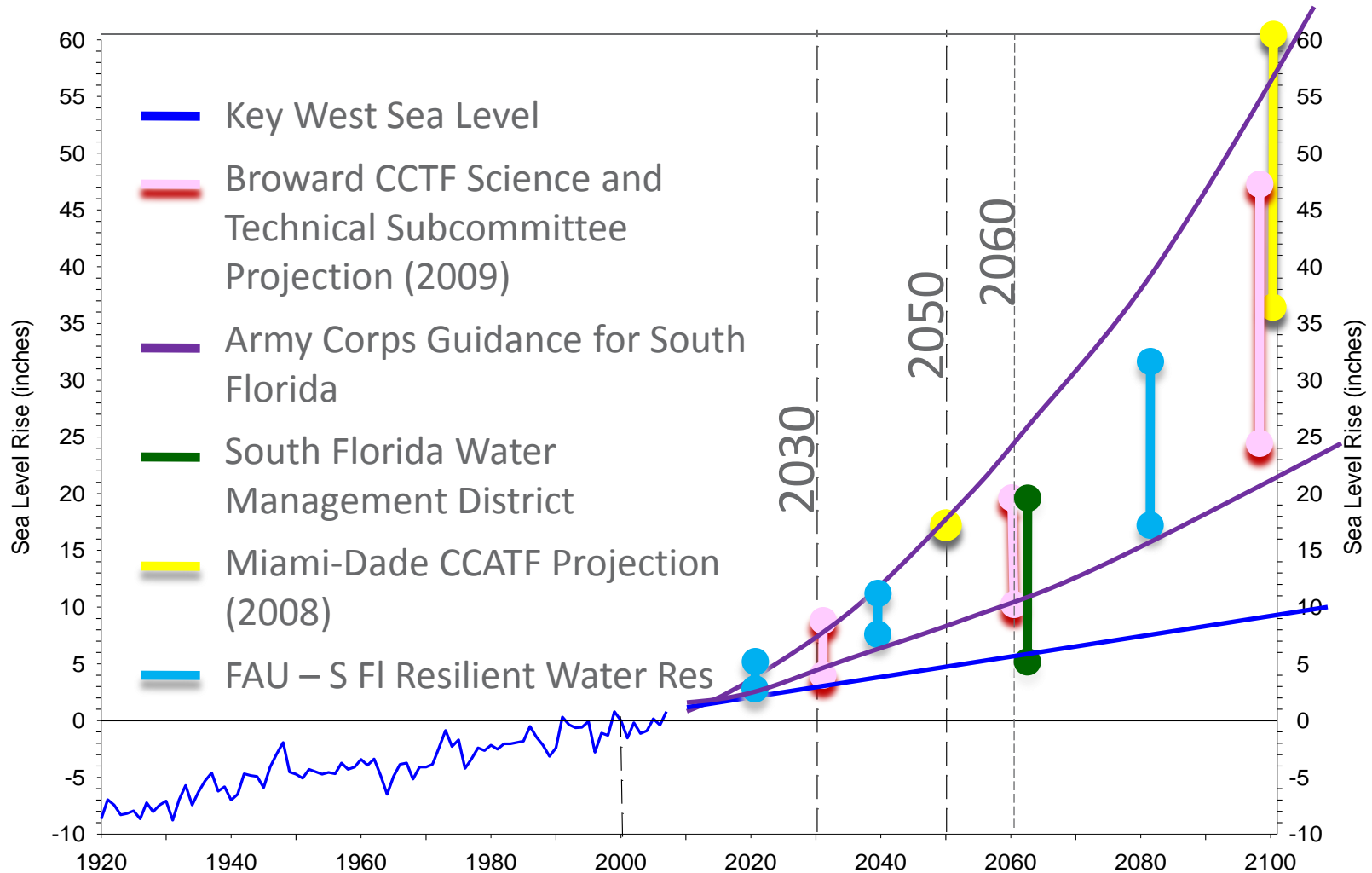


# Southeast Florida Regional Climate Change Compact

- Driven by County Government:  
Palm Beach, Broward, Miami-Dade  
and Monroe Counties
  - Regional Population: 5.5M
  - One third of Florida's  
population, total economy &  
emissions – 2011 GMP \$260B
- Compact Objectives
  - Develop a regional voice on  
state and federal policy
  - Develop a Regional Climate  
Action Plan
  - Meet Annually in Regional  
Climate Action Summits

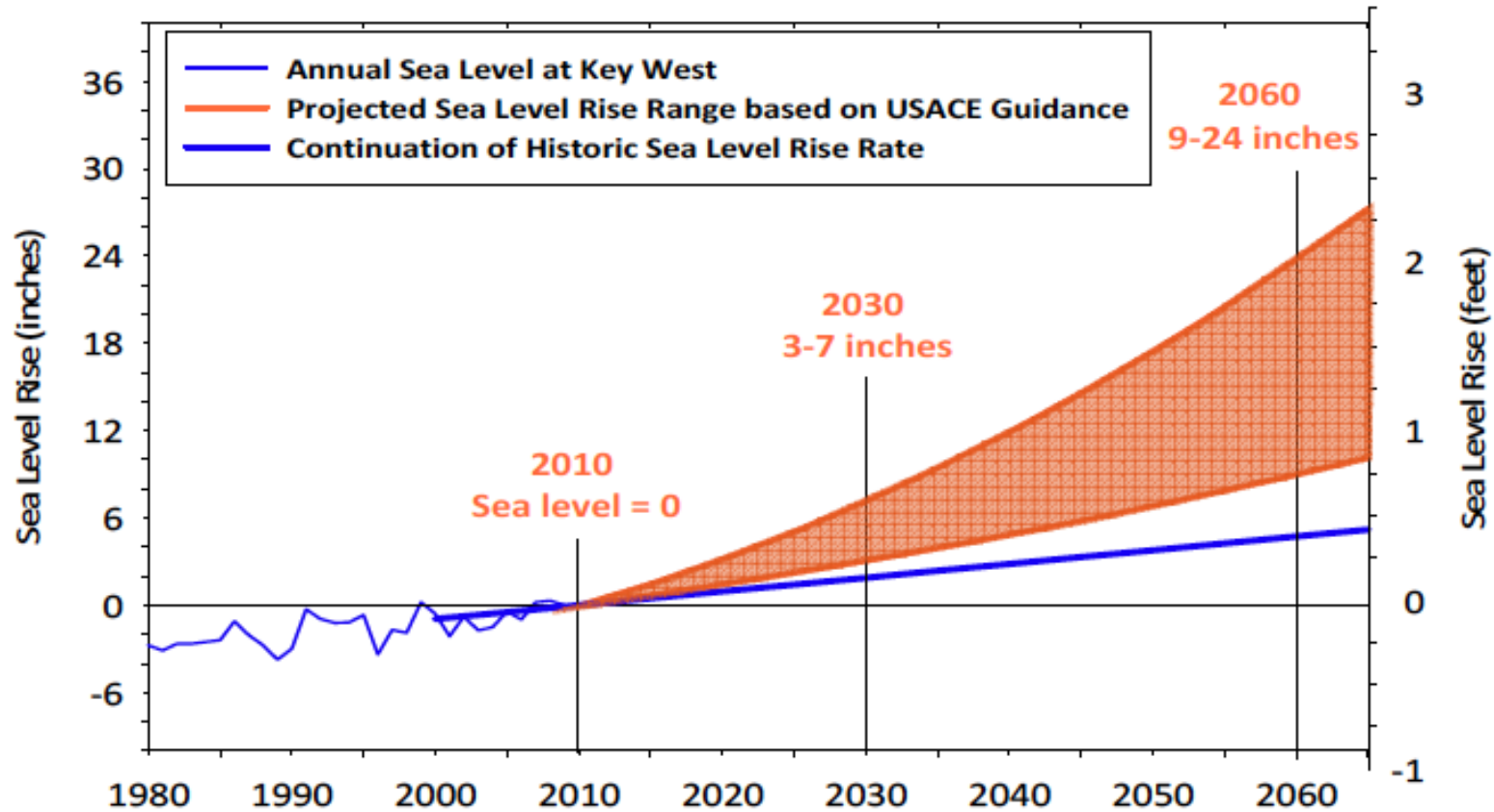


# 2009 Baseline in SE Florida ---





# SLR Consensus Work Group: Final Planning Projections



# The Western Adaptation Alliance

- A “Learning Network” of Western Cities
- Focused on Urban Climate Adaptation for Arid/Semi-Arid Regions
- Initiated in 2010/11 as a USDN Regional Network
- Initial funding from a USDN Innovation Fund Grant in early 2011



# The Western Adaptation Alliance

- Arizona
  - Flagstaff
  - Phoenix
  - Tucson
- Colorado:
  - Aspen
  - Boulder (City & County)
  - Denver
  - Fort Collins
- Nevada
  - Las Vegas
- New Mexico
  - Santa Fe
- Utah
  - Salt Lake City
  - Park City



Collectively, these 11 cities represent 20% of the population of these 4 states, but anchor 70% of the combined gross state product

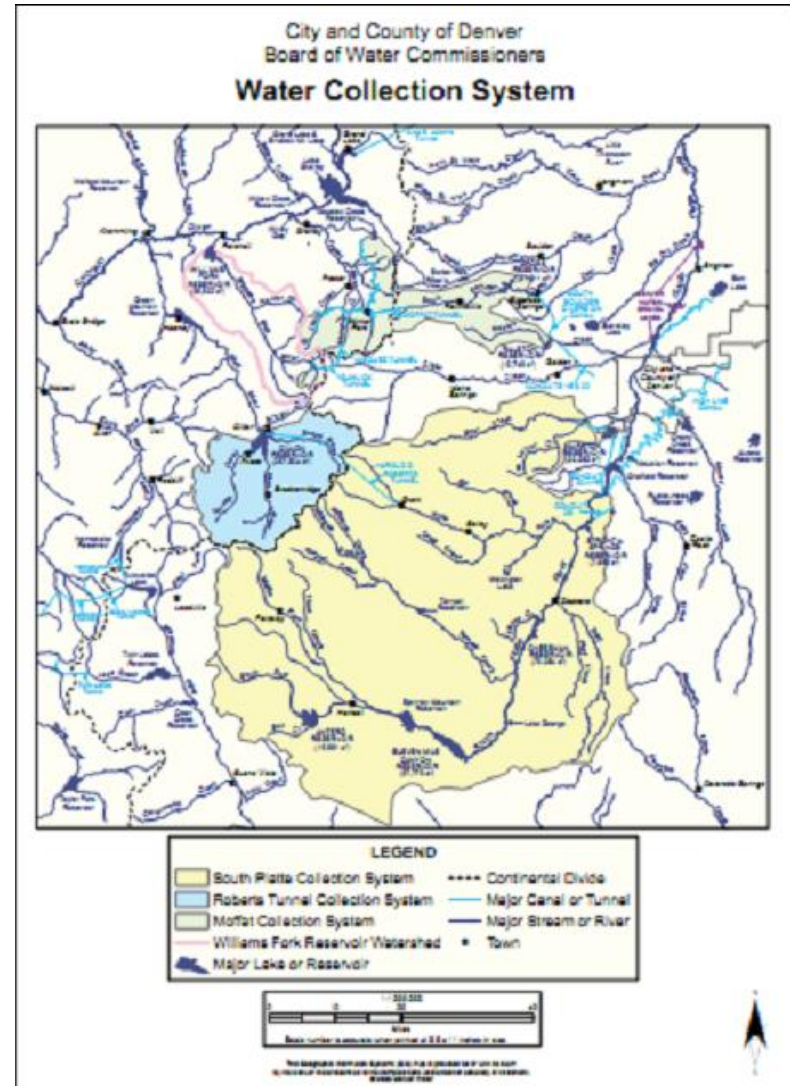
# Alliance Objectives

- Regional Collaboration
  - Recognize and utilize commonalities across the region
  - Collaborate regionally when appropriate
  - Embrace and understand regional differences
  - Respect each other and leverage shared knowledge and collective skills
- Local Application
  - Plan locally, consistently applying shared regional understandings
  - Utilize a multidisciplinary, integrated approach to solutions
  - Plan for multiple time frames and impact scenarios
  - Select strategies with multiple benefits and minimal detrimental impacts
  - Apply a “degrees- of- risk” framework



# Forest to Faucets Partnership

- Unique collaboration between Denver Water and USFS
- \$16.5M from rate payers matched by USFS
- 38K additional forested acres addressed





# The Significance of the SE Florida Compact: “Resilience Regionalism”

- Addresses a key challenge to adaptation in the US: intergovernmental coordination around the unique problems of a place
- Efficiencies in project cost management
- Enables scaling of solutions to meet human/natural systems of significance
- Enables the integration of climate mitigation & adaptation objectives into a cohesive, locally-driven climate agenda
- Enables the development of a regional “voice” and “vision” for future prosperity