Southeast Florida Regional Climate Change Compact

Collaborative Climate Resilience Planning





































Changing Temperatures

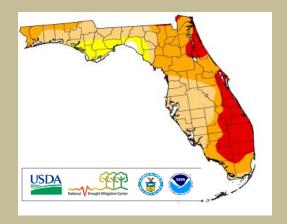




Extreme Weather







Sea Level Rise









participate in a Regional Climate Team with other counties party or Climate Change Action Plan

SECTION 6: That each county shall work with other counties party to this compact in developing a Southeast Florida Regional Climate Change Action Plan. The Action Plan could, at a minimum, include the following components:

(a) A baseline of greenhouse gas emissions for Southeast Florida; (b) Strategies for coordinated emission reductions throughout the built environment to include the use of energy efficiency,

energy conservation, and the use of demand-side renewable energy resources;

Strategies for coordinated emission reductions from the transportation sector to include increased reliance on public transit, emerging vehicle technologies, and advanced biofuels;

Strategies for coordinated emission reductions resulting from changes in local and regional land use;

Strategies for the coordinated regional preparation for and adaptation to a rapidly changing global environment based upon regional mapping of projected sea-level rise and any resulting amplification of localized impacts of tropical cyclone events. Such strategies shall incorporate climate preparation concerns for the regional economy, regional infrastructure and the built environment, social and cultural needs, and natural systems within the four counties party to this compact.

SECTION 7: That each county shall commit to participating with other counties party to this compact in hosting the Second Southeast Florida Regional Climate Change Summir in October, 2010.

Commissioner Katy Sorenson Miami-Dade County

Palm Beach County

The Compact

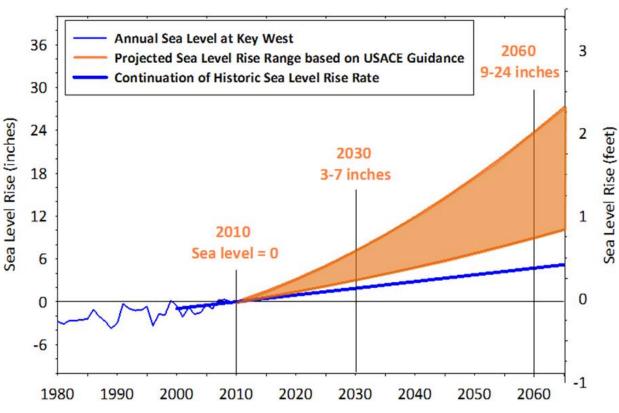


- **State and Federal Climate Policy** Collaboration
- Technical Planning **Tools**
- **Regional Climate Change Action** Plan
- **Annual Summits**



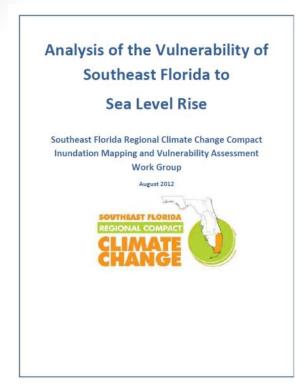
Planning for Sea Level Rise



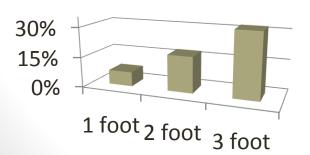


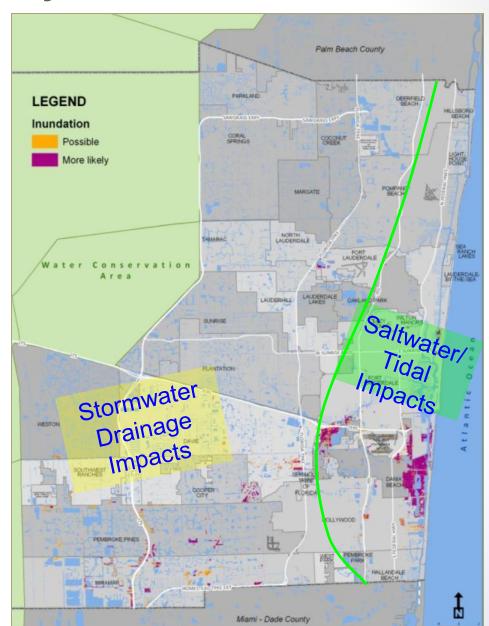


Vulnerability Sea Level Rise



SE FL Airports with >20% Property below Sea Level







Regional Climate Change Action Plan









A Region Responds to a Changing Climate

Southeast Florida Regional Climate Change Compact Counties

Regional Climate Action Plan

October 2012



110 Actions

- Sustainable Communities &
 Transportation Planning (33)
- Water Supply, Management and Infrastructure (18)
- Natural Systems (14)
- Agriculture (6)
- Energy and Fuel (8)
- Risk Reduction & Emergency
 Management (7)
- Public Outreach (11)
- Public Policy (13)

(110)

Regional Climate Change Action Plan OBJECTIVE

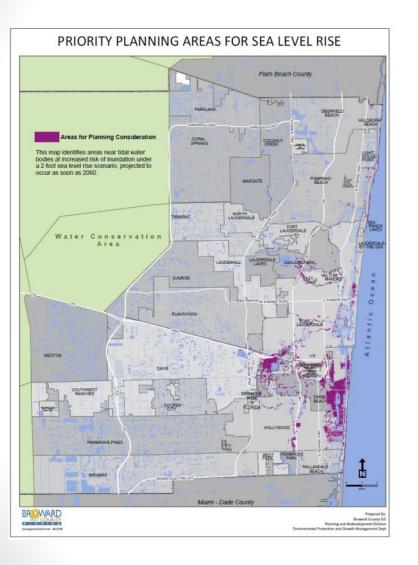
To **integrate** climate adaptation and mitigation into *existing* systems.

To **implement** through *existing* local and regional organizations.





Amending Broward's Land Use Plan



POLICY A.03.05

Broward County shall evaluate (land use) plan amendments within PPAs and strongly discourage those amendments which would place additional...development at risk of flooding from sea level rise.

In review of such amendments, the County shall consider:

- a. Sea level rise/flood protection mitigation...; or
- b. Flood protection improvements ... which would mitigate or enhance flood protection and adaptation from rising sea levels.

Expanding the Collaboration

Municipal and NGO
 Representation on the
 Compact Staff Steering
 Committee











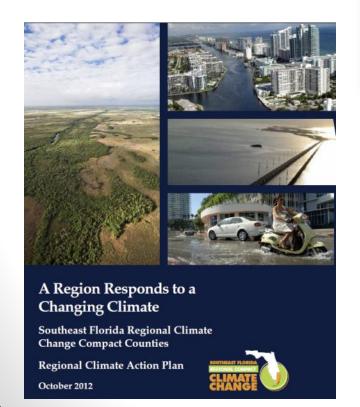


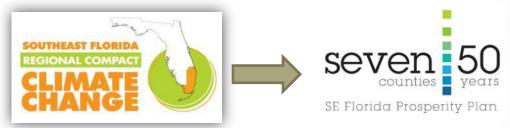




RCAP as a Regional Template

- Expand upon the SE Florida Regional Climate Action Plan
 - Broaden recommendations
 - Identify additional focal areas
 - Expand the planning horizon









Conclusions

- SE Florida is vulnerable and experiencing climate impacts now.
- Local and regional planning now can address risks and reduce future vulnerability.
- Working at every level of government is necessary to build regional climate resilience.



