

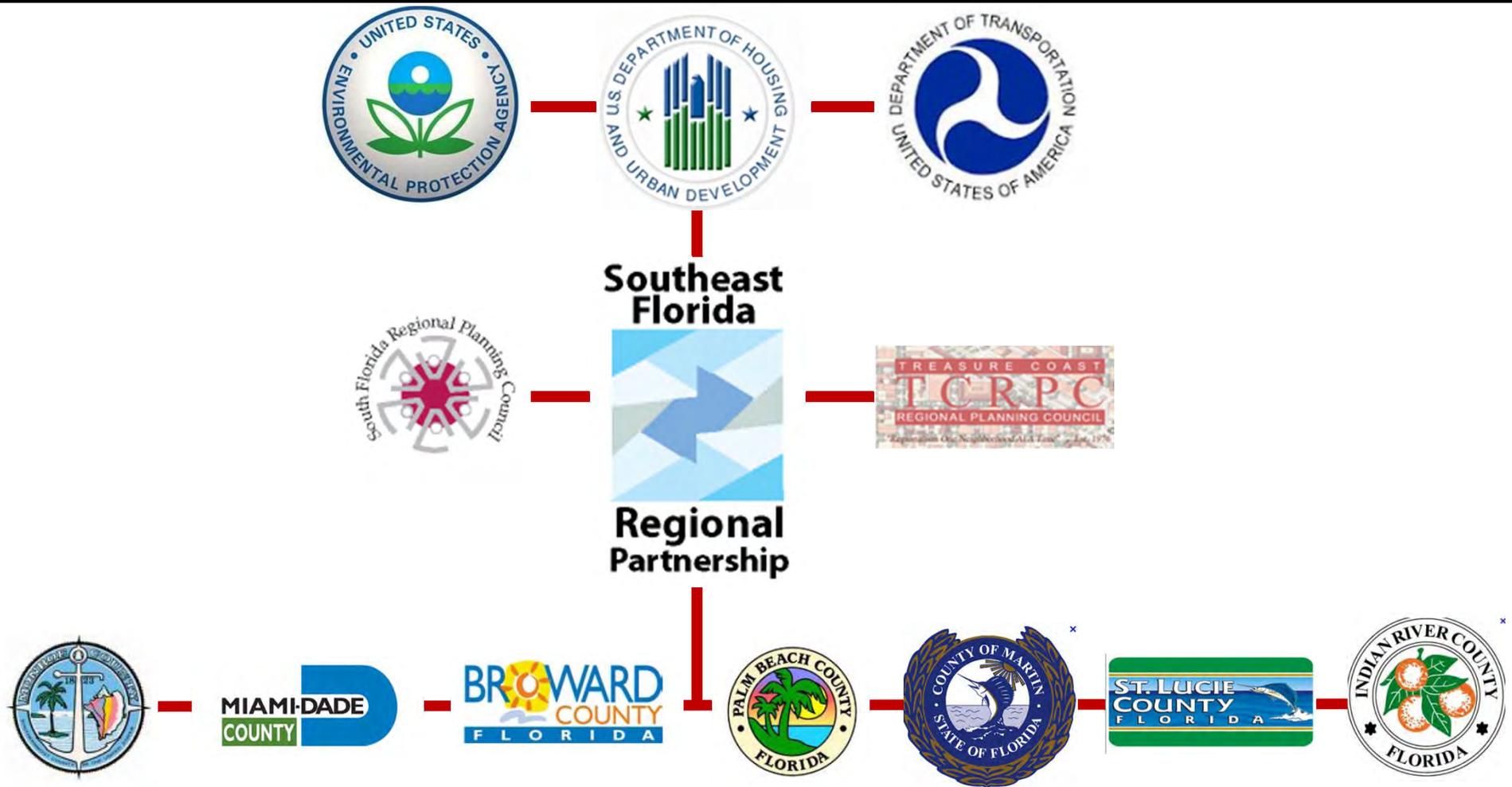
SOUTH FLORIDA ECOSYSTEM
RESTORATION TASK FORCE

12.7.12



Jim Murley
South Florida Regional
Planning Council

A HUD Sustainable Communities Initiative



The mission of the Office of Sustainable Housing and Communities is to create strong, **sustainable communities** by connecting housing to jobs, fostering local innovation, and build a more diverse, resilient & globally competitive economy

Dover, Kohl & Partners

Citizen-Based Regional Planning & Visioning

doverkohl.com

@DoverKohl 

Duany Plater-Zyberk & Company

Planning, Policy, Modeling Tools

dpz.com

Emerge
Consulting
Public Outreach

Robert Burchell, PhD,
Rutgers University
Economic Analysis

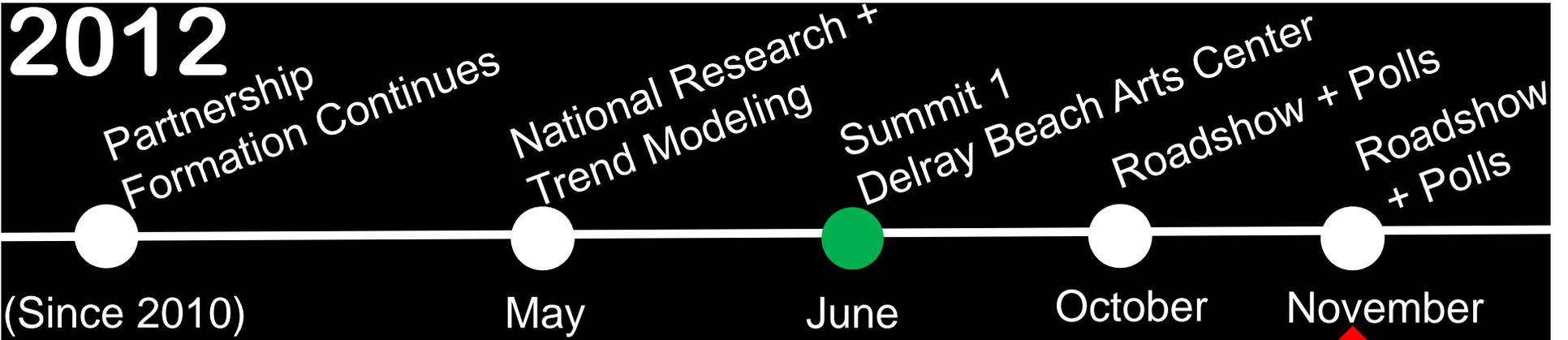
HDR
Transportation &
Infrastructure

ROAR Media
Communications

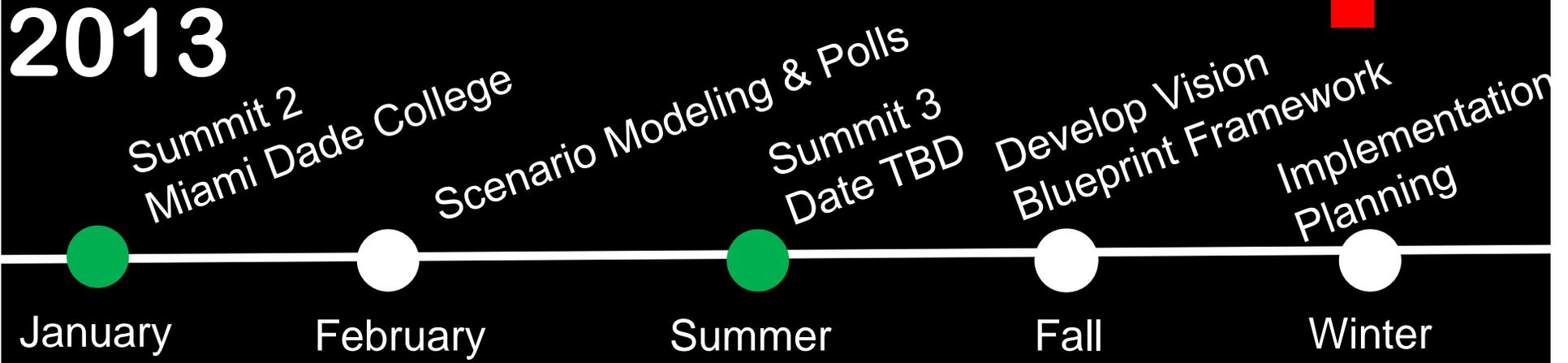
Criterion Planners
Scenario Modeling and
Implementation

Cardno ENTRIX
Enviro Economics, Ecology,
Sustainability & Climate Change

2012



2013



2014



Southeast Florida

Corporation Size: 5th Largest Metropolitan Corporation in the Nation

Budget: \$40 Billion/year

Organization: 7 Major Divisions (Counties)
121 Departments (Municipalities)

Main Businesses: Transportation, Housing, Health Care, Leisure Services, Education, and Water

Employment: 2.8 million who help support another 4 million family members

Shareholder Increase Market Share (Population) by 35%

Expectations: Increase Employment (Jobs) by 31%

... and no business plan

Statewide in 2060...

- Florida will grow at twice the rate as the US as a whole.
- Florida will represent roughly 10% of future US population & employment growth.
- SE Florida will represent 32% of future statewide population and future employment growth.
- Almost two-thirds of the net growth of the region between 2000 and 2010 was made up of foreign-born.

Southeast Florida...

- The employment rate is rising.
- The unemployment rate is decreasing (since mid-2011)
- SE Florida has more people than 33 states
- Population growth increasing (since 2009); SE Florida adds 186 new people per day

seven 50 initiatives underway

Southeast Climate Compact
Regional Growth Baseline Plan

A Unified Strategy for Southeast Florida



Produced by the GHG Inventory

November 2011

BROWARD COUNTY FLORIDA

MIAMI-DADE COUNTY

REGIONAL CLIMATE LEADERSHIP SUMMIT

PALM BEACH COUNTY FLORIDA

Southeast Florida Regional Climate Change Compact

WHEREAS, there is consensus among the world's leading scientists that global climate change is among the most significant problems facing the world today; and

WHEREAS, Florida is considered one of the most vulnerable areas in the country to the consequences of climate change with Southeast Florida on the front line to experience the impacts of climate change, especially sea level rise; and

WHEREAS, Broward, Miami-Dade, Palm Beach and Monroe Counties, herein the four counties that comprise the Southeast Florida Region, share in common a strong quality of life rooted in the region's rich cultural heritage, vigorous economy, and environmental resources of global significance; and

WHEREAS, the aforementioned four counties of Southeast Florida, which represent approximately 30% of the population of the State of Florida, are physically linked one to the other by the Atlantic Ocean coastline and share some of the world's most renowned natural resources such as the Everglades, our unique coral reefs, beautiful beaches, and fragile Keys ecosystem; and

WHEREAS, the four counties of Southeast Florida and their respective populations, totaling more than five million residents, are expected to share in disproportionately high risks associated with climate change due to low land elevations, rising sea level projections, and anticipated increases in tropical storm events; and

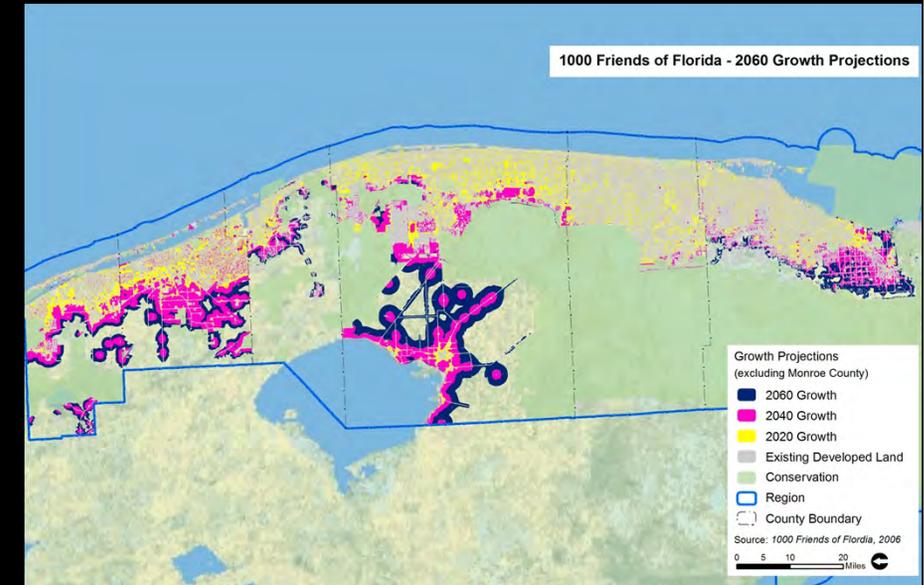
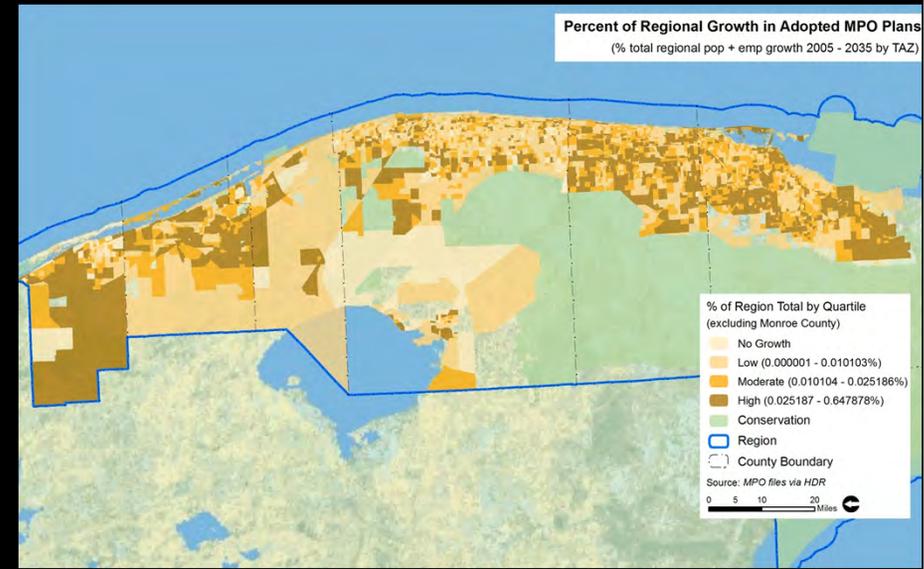
WHEREAS, rising sea levels could limit the effectiveness of critical drainage infrastructure, endanger beaches, and coastal natural resources and increase incidents of saltwater intrusion on the Biscayne Aquifer - putting at risk the drinking water supply for the entire population of Southeast Florida; and

WHEREAS, local government, and the region as a whole, must give significant consideration to adaptation strategies designed to protect public infrastructure, property, water resources, natural areas and native species, and basic quality of life; and

FIRST ANNUAL REPORT
February 2011

April 2011
Prepared by the Technical Ad hoc Work Group

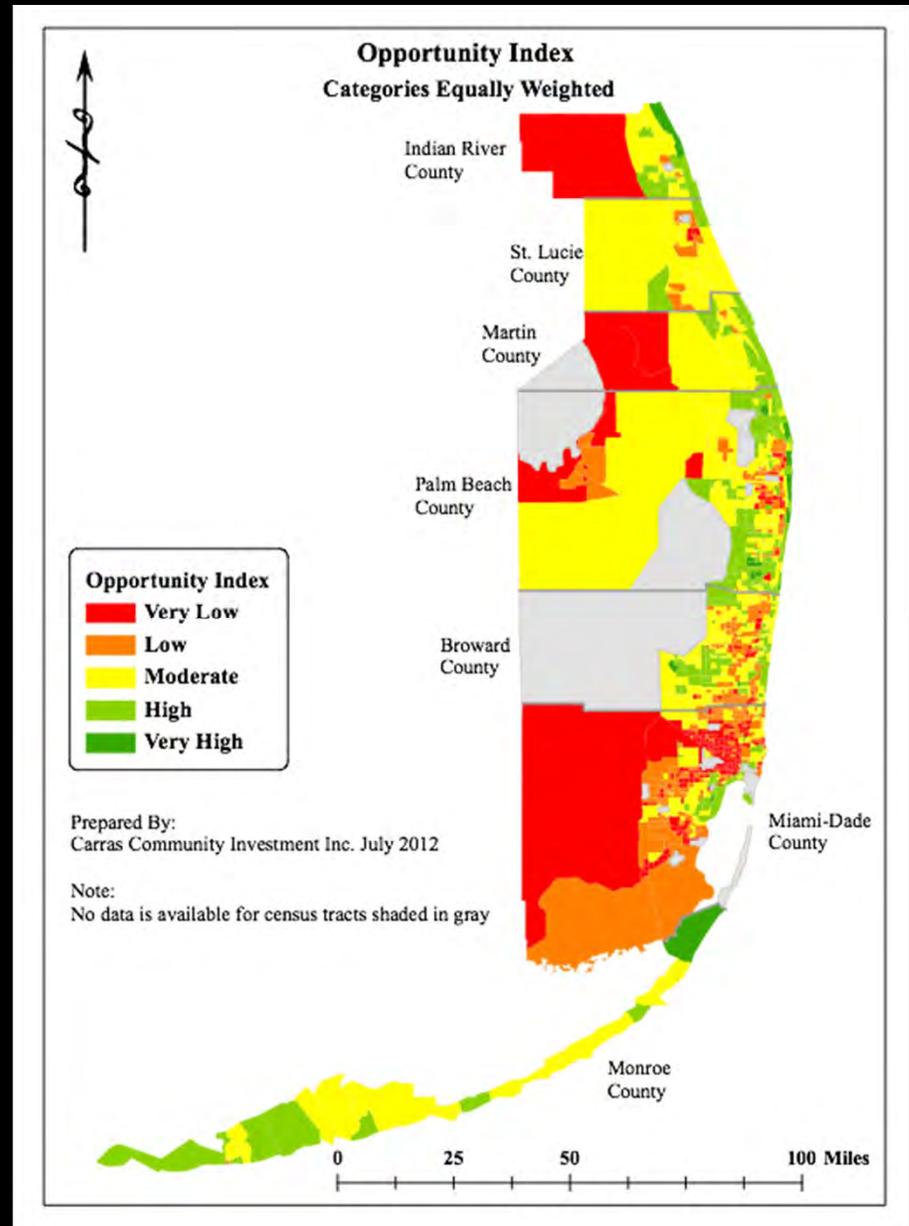
SOUTHEAST FLORIDA REGIONAL CLIMATE COMPACT
CLIMATE CHANGE



4 County Compact becomes 7 County

Data Warehouse

seven 50 initiatives underway



Regional Transport Model

Fair Housing & Equity/Opportunity Assessment

Opening Summit June 27, 2012



Listen to the talks: Seven50.org

Opening Summit June 27, 2012



one word cards

seven  50
counties years

ONE WORD
that comes to mind
about **SOUTHEAST**
FLORIDA:

NOW:

pausing

IN THE FUTURE:

pulsing

(in my vision)

250+ respondents

In the future I would like Southeast Florida to be:

More economically resilient (145 votes, 63%)



More walkable (95 votes, 42%)



More bikable (78 votes, 34%)



Safer for children (49 votes, 21%)



More environmentally sustainable (108 votes, 47%)



More prepared for changes to climate (60 votes, 26%)



More sociable/convivial (40 votes, 17%)



More equitable, open to diverse communities (58 votes, 25%)



More attractive aesthetically (55 votes, 24%)



More unified as a region (112 votes, 49%)



Seven50 Roadshow



Monroe County



Miami Dade



Broward



Palm Beach

Presenting, Polling, Surveying, Meeting in Work Groups, Meeting Stakeholders...

Seven50 Roadshow



Indian River



Martin County



St. Lucie



Stakeholder Groups

Presenting, Polling, Surveying, Meeting in Work Groups, Meeting Stakeholders...

Livability Principles

- 1 Provide More Transportation Choices
- 2 Promote Affordable Housing
- 3 Enhance Economic Competitiveness
- 4 Support Existing Communities
- 5 Coordinate Policies & Leverage Investment
- 6 Value Communities & Neighborhoods
- 7 Enhance Resilience to Climate Change

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- How and where will we provide workforce and affordable housing?

- How can we reduce housing, insurance and transportation costs?

- How and where will we grow?

- Which industrial centers will define our economy?

- How can we expedite Everglades restoration?
- Can we provide water resources for growth?



- How can we align our regional efforts and adapt institutions?

- What actions will reduce greenhouse emissions?

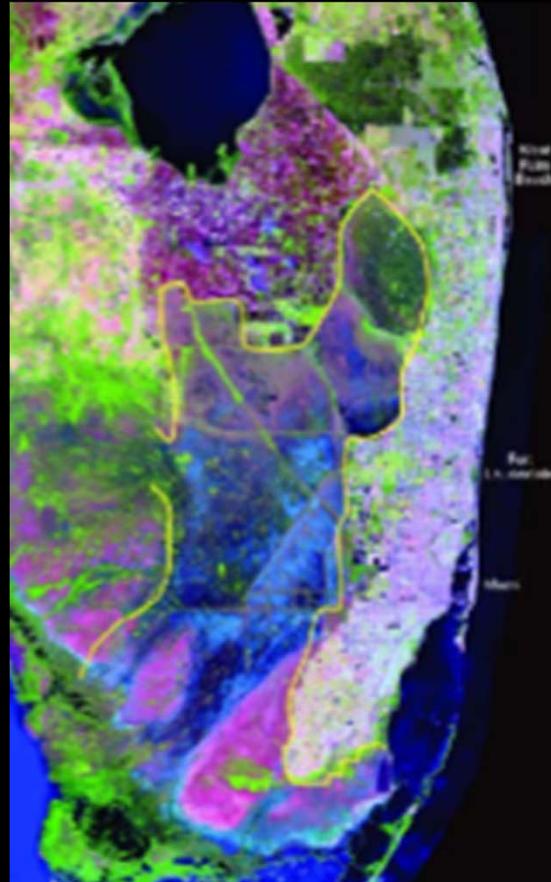
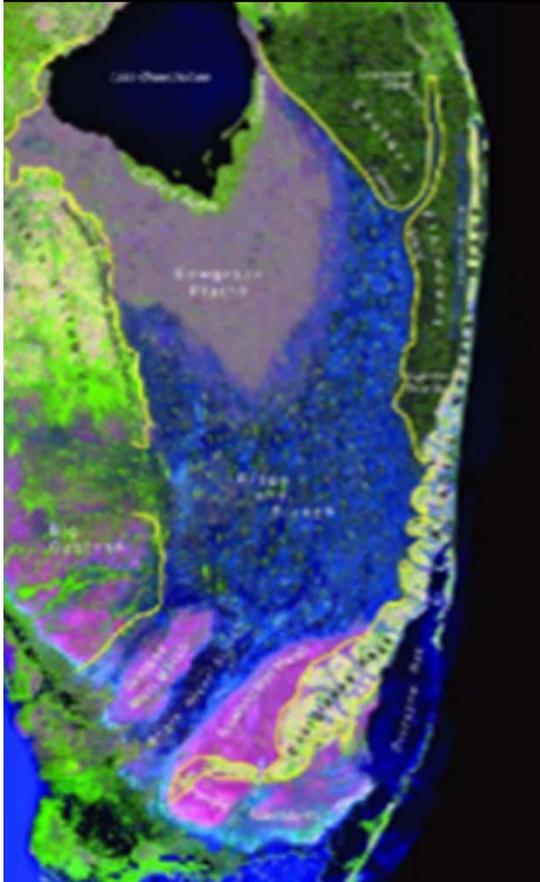
- Are there steps we can take that will make us safer from future storms?

- How can we reduce congestion?

- What types of transportation systems should we invest in?

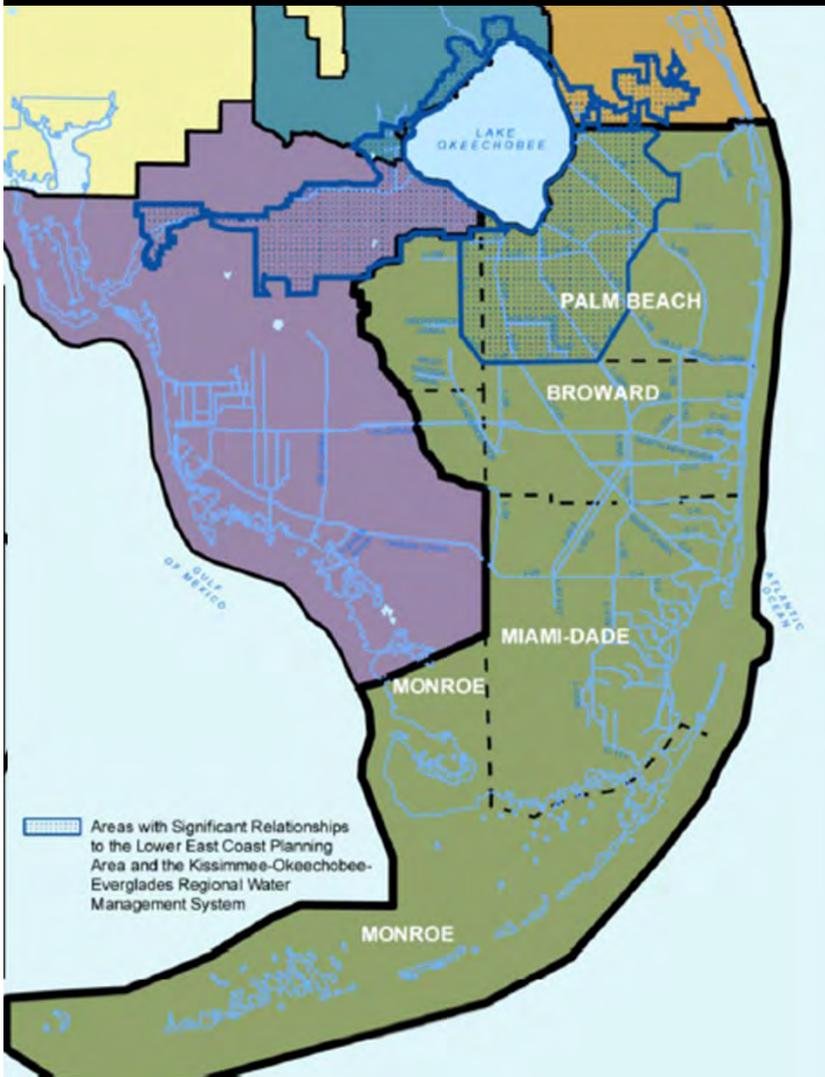
- How to balance movement of goods and people?

Progress Toward Restoring the Everglades: The Fourth Biennial Review, (2012)



Environmental Concerns

Lower East Coast Water Supply Planning



- Identify sufficient water resource & supply
- Increase levels of conservation
- Protect environment including Everglades
- Provide information for use on local Comprehensive Plans
- Achieve compatibility with other local Plans including the Comprehensive Everglades Restoration Plan

The SFWMD is developing the 2012 Lower East Coast Water Supply Plan Update to assess projected water demands and potential sources of water for the period from 2010 to 2030.

South Florida ecosystem restoration task force:

Vision

**A healthy South Florida
Ecosystem that supports
diverse and sustainable
communities of plants,
animals and **people****

Goal 3: Foster Compatibility of the Built and Natural Systems

The diversity of landscapes, including some of the most intensively developed and densely populated areas in the state, has contributed to the **economic success** and high quality of life enjoyed by Floridians and experienced by visitors from around the world.

Development patterns have resulted in the loss of natural habitats and connectivity. The region's intensive growth and development have also heightened concerns regarding **flood protection and water supply**.

Goal 3: Foster Compatibility of the Built & Natural Systems

Subgoal 3-A: Use & Manage Land in a Manner Compatible with Ecosystem Restoration

- Objective 3-A.1: Designate or acquire an additional 10,000 acres of lands needed for parks, recreation, and open space to complement South Florida Ecosystem restoration through local, state, and federal programs by 2015.
- Objective 3-A.2: Increase participation by 350,000 acres in the Grassland Reserve Program, Wetland Reserve Program, Farm and Ranch Land Protection Program, and the Environmental Quality Incentive Program to promote compatibility between agricultural production and South Florida Ecosystem restoration by 2014.
- Objective 3-A.3: Increase the use of educational programs and initiatives to further public and local government understanding of the benefits of South Florida Ecosystem restoration.

Subgoal 3-B: Maintain or Improve Flood Protection in a Manner Compatible with Ecosystem Restoration

- Objective 3-B.1: Objective 3-B.1: Maintain or improve existing levels of flood protection for the urban, agricultural, and natural environments.
- Objective 3-B.2: Objective 3-B.2: Rehabilitate the Herbert Hoover Dike to provide adequate levels of flood protection to the communities and lands surrounding Lake Okeechobee.

Subgoal 3-C: Provide Sufficient Water Resources for the Built & Natural Systems

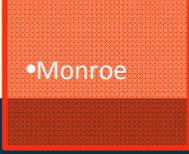
- Objective 3-C.1: Plan for regional water supply needs.
- Objective 3-C.2: Increase volumes of reuse on a regional basis.
- Objective 3-C.3: Increase water made available through the state's Water Protection and Sustainability Program and the SFWMD Alternative Water Supply Development Program.

Livability Principles

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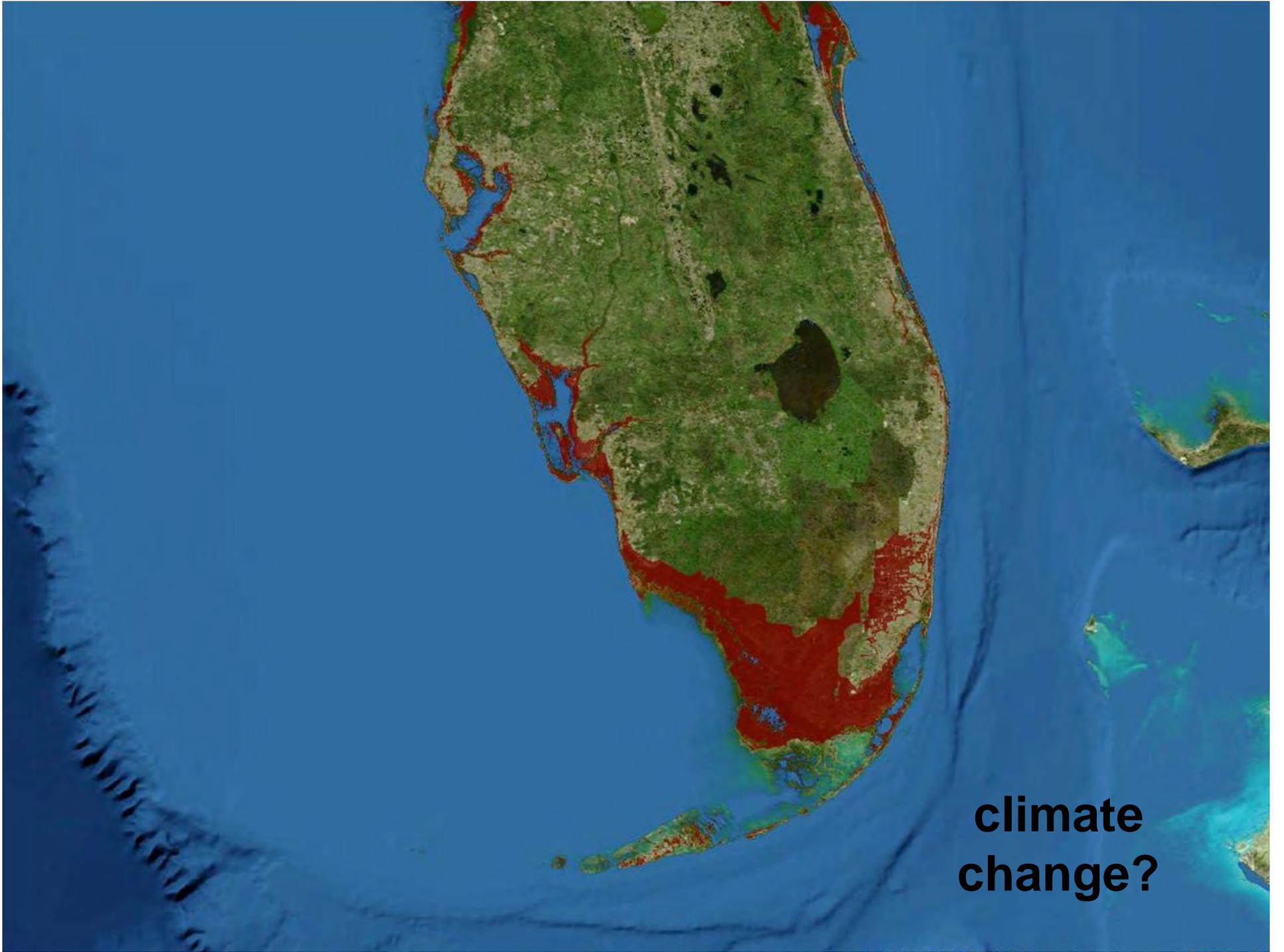
Integrating Climate Resiliency with Regional Prosperity Plan

- Create the
- Seven50
- Resiliency Element



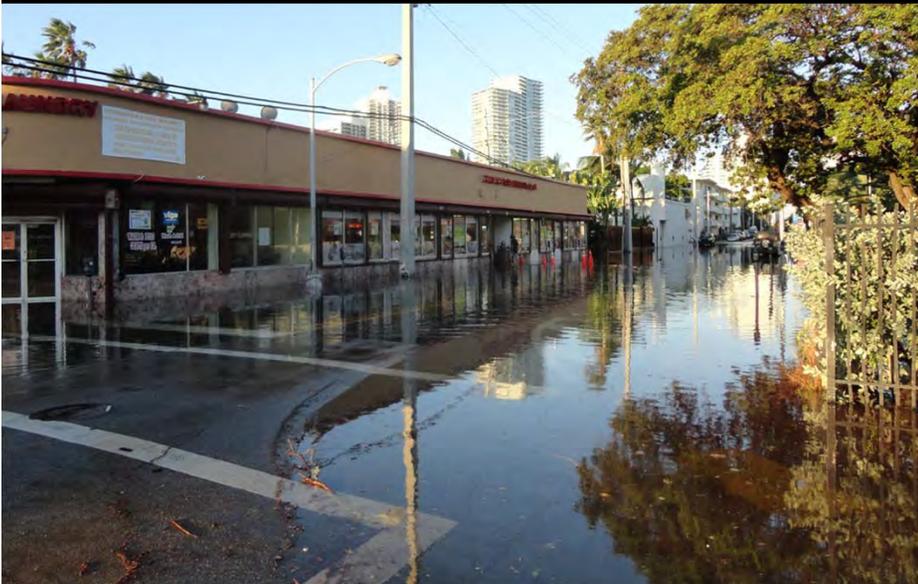
- Develop Base for
- Northern Counties
- “Climate Compact”

- Complete
- “Climate Compact”
Action Plan



**climate
change?**

extreme flooding from seasonal tides



Miami Beach

Work Groups

1. Education, Workforce, and **Economic** Development;
2. **Development** Patterns (Housing, Transportation, Healthy Communities);
3. **Environment**, Natural Resources, and Agriculture;
4. **Climate** Resilience;
5. Community Assets and **Culture**; and
6. Inclusive Regional **Leadership** & Opportunity

work group priorities

Climate Resilience

- protect water supply (esp. land acquisition) **#1**
- prioritize capital improvement plans and improvement projects
- build more sustainable communities (codes)
- monitor vital signs for biological communities
- provide education (risk reduction, emergency management)

work group priorities

Environment, Agriculture & Natural Resources

- ensure clean and available water **#1**
- provide more transportation choices
- reliable, competitively priced, clean energy systems
- leverage Florida's natural and cultural assets in a sustainable manner
- support existing communities

Southeast Florida Regional Climate Leadership Meeting Dec. 6-7, 2012



THE 4TH ANNUAL SOUTHEAST FLORIDA
REGIONAL CLIMATE LEADERSHIP SUMMIT
Broward, Miami-Dade, Monroe, and Palm Beach Counties – Florida

THE
SUMMIT

HOME | WHO WE ARE | KEY CONTACTS | CALENDAR | COMPACT DOCUMENTS | RELATED LINKS



Calendar

The 4th Annual Southeast Florida Regional Climate Leadership Summit

Dec. 6-7, 2012

For more information, visit the Summit page [Here](#).

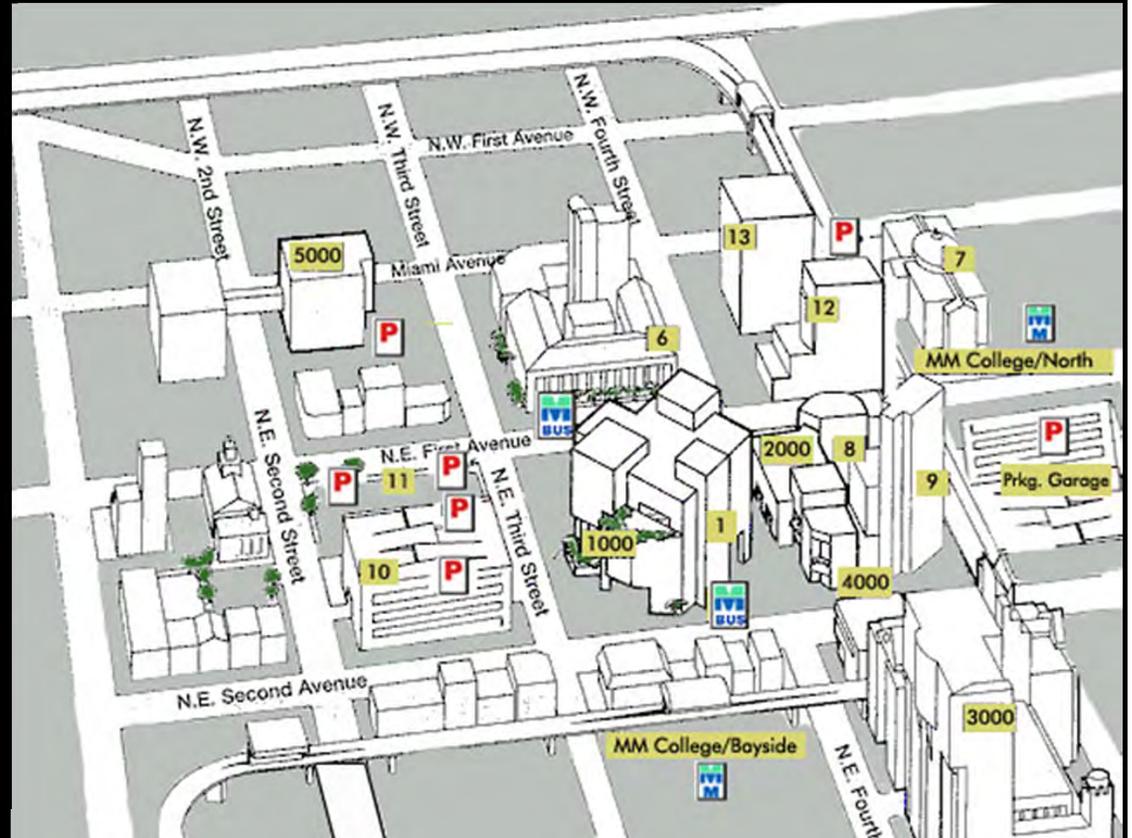
Regional Climate Action Plan Released

The Compact Counties are pleased to announce the release of the Regional Climate Action Plan. To download the Plan and supporting appendices, go to the [Documents](#) page.

[The 4th Annual Southeast Florida
Regional Climate Leadership](#)

Jupiter Beach Resort 5 North A1A Jupiter, FL

Second Summit January 24, 2013



seven
counties

50
years

Miami Dade College

seven 50 mobile app
counties year

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