



# Protect What You Love

## A Grassroots Tool Kit

Version 7

Prepared for the Climate Action Coalition of Florida  
By  
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## Introduction

The purpose of this document is to give residents of Palm Beach County the background and communication tools needed to initiate meaningful dialogue with members of their communities about adaptation, and to encourage their municipal government to sign on to the Southeast Florida Regional Climate Change Compact's Mayor's Climate Action Pledge. Example at: [http://mydelraybeach.com/sites/default/files/assets/boards%20and%20committees/green%20implementation%20advancement%20board/Resolution%2008-14%20Mayors'%20Climate%20Action%20Pledge\\_0.pdf](http://mydelraybeach.com/sites/default/files/assets/boards%20and%20committees/green%20implementation%20advancement%20board/Resolution%2008-14%20Mayors'%20Climate%20Action%20Pledge_0.pdf)

As of December 15, 2015 the following municipalities have signed the Pledge:

**City of Fort Lauderdale**

Adopted 11/6/2012

**City of Key West**

Adopted 12/4/2012

**City of Boynton Beach**

Adopted 12/4/2012

**Town of Hillsboro Beach**

Adopted 12/5/2012

**Village of Pinecrest**

Adopted 12/11/2012

**City of Dania Beach**

Adopted 1/22/2013

**City of Hollywood**

Adopted 1/23/2013

**City of Lauderhill**

Adopted 1/28/2013

**Town of Davie**

Adopted 2/6/2013

**City of Hallandale Beach**

Adopted 2/6/2013

**City of Miami Beach**

Adopted 2/6/2013

**City of Pompano Beach**

Adopted 2/12/2013

**City of Oakland Park**

Adopted 2/20/2013

**Town of Lauderdale-By-The-Sea**

Adopted 2/26/2013

**City of Coconut Creek**

Adopted 2/28/2013

**City of North Lauderdale**

Adopted 3/12/2013

**City of Wilton Manors**

Adopted 3/12/2013

**City of Deerfield Beach**

Adopted 3/19/2013

**City of Margate**

Adopted 3/20/2013

**City of Sunrise**

Adopted 3/26/2013

**Town of Surfside**

Adopted 5/15/2013

**City of South Miami**

Adopted 9/3/2013

**Town of Bay Harbor Islands**

Adopted 2013

**City of Delray Beach**

Adopted January 21, 2014

**City of West Palm Beach**

Adopted May 26, 2015

**City of Coral Gables**

Adopted August 25, 2015

**Town of Jupiter**

Adopted December 15, 2015

A current list of municipalities that have signed the Pledge is maintained at: <http://www.southeastfloridaclimatecompact.org/mayors-climate-action-pledge-signing-cities/>

## **Meeting with the Mayor Campaign**

### Phase I: Conducting Community Meetings (See Resources in Appendix A)

#### Objectives:

- To inform community members about the connections between observable climate change impacts and regional efforts to address them.
- To document adaptation challenges in our communities
  - Obtain contact information for people who are trying to find ways to address their climate change impacts
  - Determine the district in which the climate change impacts are taking place, and the elected officials responsible for that geography
- To determine who is willing to phone the mayor's office, or attend a meeting with the mayor.

### Phase II: Meeting with your Mayor Objectives:

- To discuss the connections between observable climate change impacts and regional efforts to address them, with emphasis on Workshops for Municipal Staff and Elected Officials
- To discuss observable climate change impacts occurring in their district and their responses to them
- To discuss Florida State Statutes related to sea level rise planning and Adaptation Action Areas
- To discuss SE FL Regional Climate Change Compact technical assistance and best practice sharing
- To get The Mayor's Climate Action Pledge on the Agenda of your City Commission, with permission for a representative from your group to make a presentation
- To secure support for a Resolution to sign the Mayor's Climate Action Pledge

### Phase III: Presenting at a City Council Meeting Objectives:

- Restating the points raised in Phase II
- To turn out a representative concerned public, that is respectful of City Council protocol, to show that the speaker is representing a larger group of concerned citizens
- To have your City Commission sign the Mayor's Climate Action Pledge

For help with Mayor meetings and City Council presentations, contact Jan Booher  
JJLBooher@comcast.net

## Talking Points for Community Meetings

Strategy 1: Focus discussion on observable phenomena, and what is being done to address them.

Strategy 2: Share and document personal stories regarding climate change impacts, and attempts to get public officials and others to address them. Exchange contact information with community members who are experiencing adaptation challenges.

Strategy 3: Highlight the need to preserve and protect property and public health, and the desire to save tax dollars.

### Climate Change Impacts in Palm Beach County include:

- Loss of coastal well fields due to saltwater intrusion caused by sea level rise, forcing coastal municipalities to use expensive reverse osmosis, or to use wells further inland, and pay to lay piping to the coast.
- Increased coastal flooding due to sea level rise, forcing residents to elevate their air conditioning units and homes, replace cars damaged by saltwater, work to replenish beaches, and determine how to increase street drainage and modify sea walls. History of flooding increases our flood insurance rates.
- Increased inland flooding due to sea level rise and sluggish drainage due to increases in groundwater levels, and our aging gravity fed canals and canal gates. This flooding damages property and increases our flood insurance rates.
- Sea level rise and heat waves associated with climate change have been identified as risks to public health in Southeast Florida. Pages 95 – 98 of this document list these health concerns: <http://www.southeastfloridaclimatecompact.org/wp-content/uploads/2014/09/rcap-hia-3-18-14-1-small.pdf>

See Powerpoint Available on the Climate Action Coalition Website for use at these meetings.

<https://cacflorida.wordpress.com/grassroots-toolkit-south-florida/>

## Civic Awareness

Determine your district, and the municipal officials responsible for your community. Share this information with members of your community. Links to Palm Beach County municipal websites can be found here: <http://www.pbcgov.com/publicaffairs/municipalities/links.htm>

- Telephone number and email addresses for Mayors of Palm Beach County Municipalities (Appendix C).
- Encourage people to use the precinct finder to determine the districts in which they live at every level of government, and who their representatives are, at this link: <https://www.pbcelections.org/precinctfinder.aspx>
- There is a Local Mitigation Strategy for Palm Beach County that municipalities can adopt through individual municipal resolution (Appendix B). The purpose of the Palm Beach County LMS is to develop and execute an ongoing unified strategy for reducing the community's vulnerability to identified natural, technological and societal hazards. The strategy provides a rational, managed basis for considering and prioritizing hazard-specific mitigation options and for developing and executing sound, cost-effective mitigation projects. The LMS also provides a basis for justifying the solicitation and use of local, state, federal and other monies to support hazard mitigation projects and initiatives. All jurisdictions wishing to participate in and share in the benefits deriving from the LMS program must complete and file a fully executed resolution (see Appendix B) which conforms to the adoption standards jointly established and amended by the Palm Beach County Board of County Commissioners and the LMS Steering Committee.
- There is a FEMA Community Rating System (CRS) that awards points for steps taken by municipalities to manage the floodplain to reduce the community's risk. Flood insurance rates are discounted within participating municipalities that have accumulated points for steps taken, thereby discounting homeowner's flood insurance, as well as insurance on municipal infrastructure.

### Examples:

Town of Jupiter Inlet Colony	CRS Rating: 8	Discount: 10%
City of Palm Beach Gardens	CRS Rating: 7	Discount: 15%
City of Lake Worth	CRS Rating: 9	Discount: 5%
City of Riviera Beach	Not participating	
City of Boca Raton	CRS Rating: 8	Discount: 10%

Find out if your community is participating in the FEMA Community Rating System at this link, what its rating is if participating, and the flood insurance discount it is receiving at this link: <http://www.pbcgov.com/dem/floodawareness/floodprograms/communityrating.htm>

To read about the steps participating municipalities can take to accumulate FEMA CRS points, see the brochure at this link: [http://www.fema.gov/media-library-data/20130726-1708-25045-7720/99032\\_nfip\\_small\\_brochure.pdf](http://www.fema.gov/media-library-data/20130726-1708-25045-7720/99032_nfip_small_brochure.pdf)

## Contacting Your Mayor to Schedule a Meeting

### Email Template to the Mayor Requesting a meeting

Dear Mayor (name),

I live (in/at your municipality's name or your address), and my (homeowner's association, Sierra Club chapter, Audubon Society chapter, League of Women Voters chapter, church or fellowship, etc.) is active with the Climate Action Coalition of South Florida. ([www.cacflorida.org](http://www.cacflorida.org))

We would like to make an appointment with you, at your convenience, to discuss the Mayor's Climate Action Pledge. There is no fiscal impact associated with signing the pledge. The pledge connects municipalities to resources, and facilitates best practice sharing in building climate resilience.

Warm Regards,  
(Your name)  
(Your contact information) (Your organizational Affiliation)

[www.cacflorida.org](http://www.cacflorida.org)

Attach the Sea Level Rise Memo to the email [cacflorida.files.wordpress.com/.../sea-level-rise-memo-for-public-officials.docx](mailto:cacflorida.files.wordpress.com/.../sea-level-rise-memo-for-public-officials.docx)

### Phone Call Script to the Mayor's Office to ask for a meeting:

Say: Hello, is this Mayor (name)'s office?  
(If yes, speak to that person. If not, ask for the appropriate person)

Say: My name is (name), and I live (in/at your municipality's name or your address). My (homeowner's association, Sierra Club chapter, Audubon Society chapter, League of Women Voters chapter, church or fellowship, etc.) is active with the Climate Action Coalition of South Florida, and a few of us would like to come in to speak with Mayor (name).

They will most likely ask what it is about:  
Say: We are working to build climate resilience in (your municipality).

If they ask for more:  
We've seen that our Palm Beach County website has a plan to prepare for the effects of climate change, like sea level rise <http://www.pbcgov.com/climate/>, and we'd like to meet to discuss what (your municipality) is doing.

(If they are willing to book an appointment, schedule a meeting)

Say: I will have to verify the time with the (2 or 3) other people who would like to come. (Name the affiliations of anyone coming with you i.e. HOA, church, non-profit. Confirm that the person with whom you are speaking handles scheduling, and be sure to call to confirm the appointment or reschedule as needed. You will then be the point person with that office for scheduling.)

If you need help scheduling a meeting in your community contact Jan Booher [JJLBooher@comcast.net](mailto:JJLBooher@comcast.net)

Talking Points for Meetings with Public Officials

**Open with a modification of one of the PowerPoints that best fits the situation. It can be printed with several slides to a page.** (APPENDIX C) The PowerPoint presentations have information about the Southeast Florida Regional Climate Compact, the Regional Climate Action Plan, and the current scientific consensus regarding climate change impacts and sea level rise in the region.

**Your district is affected.** If you can, bring people from the public official's district that are experiencing adaptation challenges in their community, or invite the public official to a community meeting where adaptation concerns are discussed. Be specific in describing water management challenges and costs, as well as what people are trying to do about adaptation challenges in their neighborhoods. Identify solutions that citizens are trying to implement. See links to water management challenges in Appendix D.

**Taking steps to manage our floodplain decreases our flood insurance rates.** Discuss your municipality's FEMA CRS rating & how it can be improved.

**Preserving our natural systems is critical to preserving our infrastructure and water supply.** Our natural systems protect us and make us more climate resilient. Maintenance of open spaces is critical for water storage and aquifer recharge.

**Shovel ready projects that reflect sea level rise projections must be placed in municipal Local Mitigation Strategies and in Comprehensive Plans before a major hazard.**

**The Southeast Florida Regional Climate Change Compact is providing regional leadership on climate change resiliency.** Sign the Mayor's Climate Action Pledge, and begin to participate in best practices for the region.

**Will you place the Mayor's Climate Action Pledge on the Agenda of the next City Commission Meeting, and allow us to make a presentation about it?** (If you already have someone placing the Pledge on the Agenda, ask for this commissioner's support for the Pledge when it comes before the commission.)

Leave a copy of the Sea Level Rise Memo with each staff member and public official present. You can download it from <https://cacflorida.wordpress.com/grassroots-toolkit-south-florida/> or print it from APPENDIX D of this document.

## Email Follow-up with Public Officials after Meeting

Mr. or Mrs. XXX,

Thank you for meeting with us regarding the adaptation challenges we are facing in our community. It was interesting to learn how (your municipality) is meeting the challenges posed by climate change, like sea level rise. Working together regionally and mapping out strategies to create vibrant, resilient communities is the next logical step. The Climate Action Coalition is requesting that municipalities in the region sign the pledge, because regional participation and cooperation will enhance our ability to apply for federal and state funding that requires regional partnerships, and it will encourage the pooling of limited resources to achieve our collective climate action goals. Working collaboratively will serve to protect the assets of the region's unique quality of life and economy, guide future investments, and foster livable, sustainable and resilient communities. Signing the pledge has no fiscal impact. The actions encouraged for municipalities after they sign the pledge are available at this link <http://www.southeastfloridaclimatecompact.org/past-the-pledge/>

If you have questions about the pledge, please contact Penni Redford, the current PBC Municipalities Coordinator for The Southeast Florida Regional Climate Change Compact [PRedford@wpb.org](mailto:PRedford@wpb.org)

- Information about the Southeast Florida Regional Climate Compact is available at [www.southeastfloridaclimatecompact.org](http://www.southeastfloridaclimatecompact.org)
- The Palm Beach County website also has information about the Compact, and about Palm Beach County's efforts to become more sustainable and climate resilient at <http://www.pbcgov.org/climate/>
- Palm Beach County Municipalities that have signed the Mayor's Climate Action Pledge are listed here with links to their resolutions:

City of Boynton Beach                      [http://www.boynton-beach.org/mediarelease\\_detail\\_T2\\_R7.php](http://www.boynton-beach.org/mediarelease_detail_T2_R7.php)

City of Delray Delray Beach              <http://mydelraybeach.com/giab>

City of West Palm Beach                  [http://wpb.org/wp-content/uploads/acms/2015-06-08-Draft\\_City\\_Commission\\_Agenda/ACM\\_20384.pdf](http://wpb.org/wp-content/uploads/acms/2015-06-08-Draft_City_Commission_Agenda/ACM_20384.pdf)

Town of Jupiter                              <https://www.jupiter.fl.us/documentcenter/view/9094>

Regards,

(Your name)

[www.cacflorida.org](http://www.cacflorida.org)

Alternate content:

Thank you for agreeing to place the Mayor's Climate Action Pledge on the Agenda at the next City Commission Meeting, and allowing us to make a presentation about how climate change and sea level rise pose risks to your municipality.

OR

Thank you for agreeing to support the Mayor's Climate Action Pledge when it comes up for a vote (confirm and reference the date it will be on the Agenda).

OR

Address specific objections the commissioner had to signing the Mayor's Climate Action Pledge in your closing.

## **Email or Phone Campaign to Contact the Mayor's Office**

### Phone Call Script for Citizens in Your Municipality to Support Your Efforts

Say: Hello, is this Mayor (name)'s office?

(If yes, speak to that person. If not, ask for the appropriate person.)

My name is (name), and I live (in/at your municipality's name or your address),

(When you reach the appropriate person)

Say: I would like to know if we have a Climate Action Plan. The county's website shows concern for more extreme rainfall, sea level rise, and coastal erosion, and I want to be sure we are doing everything we can. I would like (your municipality) to sign the Southeast Florida's Climate Change Compact's Mayor's Climate Action Pledge. It would connect (your municipality) to technical assistance and best practice sharing.

(No matter what they say, try to leave a message. If they give you a voicemail box, read the material above.)

Say: Thank you for passing my concerns on to Mayor (name).

### Email Template

Dear Mayor (name),

I live (in/at your municipality's name or your address), and am concerned about our community's climate resilience. I saw that our Palm Beach County website has a plan to prepare for our changing climate <http://www.pbcgov.com/climate/>. Please let me know if the city is planning to sign the Southeast Florida Regional Climate Action Compact's Mayor's Climate Action Pledge.

Thank you,

(Your name)

(Your contact information)

## **Appendix A**

### **Resources to assist in organizing community meetings**

- Meeting Announcement/Flyer
- Sign In Sheet/Questionnaire
- Form for Documentation on Residents with Adaptation Concerns
- Regional Climate Action Plan Resolution
- Handout: Sea Level Rise and Human Health



## Protect What You Love

### A Community Discussion

(Date and Time)

Sea Level Rise is creating challenges in our communities. Come find out what is being done to help our friends and neighbors reduce the risks to their property and health.

(Location)

(Street Address)

(Hours)

(Phone/email contact)





### Documentation on Residents with Adaptation Concerns

Name	
Address	
Email	
Phone	
Adaptation Concern	
Attempted Solutions	
Who has been contacted in the government about the problem?	
What engineers, contractors, or other professionals have been consulted about the problem?	
<b>Who recorded this information?</b>	
Name	
Contact Information	

## Regional Climate Action Plan Resolution

As a resident of Palm Beach County, I recognize the serious threat that a changing climate poses on Florida, especially to the southeast Florida region. The causes of this threat originate from high emissions of greenhouse gases (GHG), particularly the burning of fossil fuels, which have increased land and water temperatures across the globe. According to the Intergovernmental Panel on Climate Change (IPCC), made up of over 700 scientists from around the world, the increase in average global temperatures is expanding the volume of ocean water and melting glaciers and ice sheets, leading to Sea Level Rise (SLR).

To confront the problem of a changing climate and Sea Level Rise, I support the Southeast Florida Regional Climate Change Compact (Compact) between Palm Beach, Broward, Miami Dade and Monroe counties and the Regional Climate Action Plan (RCAP) with 110 mitigation and adaptation plans. I also support the Federal Administration's Climate Action Plan to reduce greenhouse gas emissions and create resiliency in our built infrastructure and natural resources.

To protect our region against increasing risks, including more severe weather from hurricanes to droughts, coastal and interior flooding, salt water intrusion into our water supply, the viability of the Everglades and economic and social costs to personal property and public infrastructure, I request that:

- The federal, state and local governments formally recognize South Florida's high vulnerability to Sea Level Rise and that these government entities collaborate with more funding on integrated climate change plans that address the issues facing the region, including the restoration of the Everglades.
  
- Following the vote by the Board of Commissioners of Palm Beach County to support the Southeast Florida Regional Climate Action Plan (RCAP), that the municipalities in the county sign the Mayor's Pledge and that the Sea Level Rise regional data be incorporated into local comprehensive plans.
  
- The State Legislature consult annually with the Southeast Florida Regional Climate Change Compact to determine state policies that best respond to Sea Level Rise adaptation and mitigation priorities.
  
- My Congressional, State Legislative and Local Representatives support of the Environmental Protection Agency's (EPA) Clean Power Plan proposed on June 2, 2014 for existing power plants to cut their carbon emissions. For Florida, that could mean a 38 percent carbon pollution reduction of the 2005 levels by 2030.

Print Name \_\_\_\_\_

Address \_\_\_\_\_

City/County \_\_\_\_\_

District \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

Email Address \_\_\_\_\_

Date \_\_\_\_\_

## **Overview**

### **Sea Level Rise (SLR) and Human Health**

- Health problems associated with SLR are often overlooked, but there are several ways that SLR can have a negative impact on your health.
- The health effects associated with SLR are similar to problems that we experience related to flooding, storm surge after a large tropical system (e.g. hurricane), and high tides.
- Higher sea levels can also make the problems that we are already dealing with related to flooding, storm surge, and high tides much worse

#### ***Possible Short-Term Health Effects***

- **Injury**  
Trauma obtained during flood or surge event or during cleanup after the event can lead to injury (e.g. cuts, broken bones).
- **Food and Water Contamination**  
Spoilage of food, microbial contamination (e.g. salmonellosis), and poor drinking water quality are all possible if rising seas invade our aquifers and agricultural areas.
- **Respiratory Illness**  
Standing water or flood events can lead to mold, which may cause respiratory illness (e.g. allergies) or make existing illness, like asthma, worse.
- **Mental Health**  
Stress-related disorders, depression, or post-traumatic syndrome may occur related to economic/property losses, population displacement, or the threat of these things occurring.
- **Death**  
Drowning and other fatal injuries may occur due to SLR, especially in combination with storm surge or flooding events.

## ***Possible Long-Term Health Effects***

- **Vector borne Disease**  
There may be changes in distribution and habitats for disease vectors, such as new places for mosquitoes to live and breed.
  
- **Marine Toxins**
  - Changes in harmful algal blooms (e.g. red tide) in fresh and salt water may lead to more exposure to marine toxins.
  - Aerosolized marine toxins may cause respiratory problems in humans, or the toxins may accumulate in fish that are eaten by humans.
  
- **Food and Water Contamination and Insecurity**
  - Some of the short-term effects will also be seen in the long-term.
  - In addition, soil and water salinization will make it difficult to ensure that there is enough food and water to meet everyone's needs.
  - Because of this, there may be major changes in food production and distribution.
  
- **Mental Health**  
Again, some of same short-term effects will be seen in the long-term.
  
- **Public Health and Medical Infrastructure**  
SLR may cause damage to local infrastructure leading to reduced access to healthcare, inability of emergency responders to reach people in-need, inability of public health officials to respond to health-related issues (e.g. outbreaks).
  
- **Environmental Contamination**  
Overflow of waste from sewage treatment facilities or landfills can cause release of chemicals, sewage, and pollutants in the air and water system, which can lead to many negative health effects.
  
- **Violence and War**  
As people are unable to access the resources needed for survival, some will turn to violence (small-scale) to obtain what they need, and countries may resort to war (large-scale) for the same reasons.
  
- **Population Displacement**
  - We will have problems with both immigration (people from islands around the Caribbean migrating to Florida due to the effects of SLR on their land) and emigration (migration of Floridians from the coastal regions inland).
  - Displacement may cause more problems with homelessness and greater population living in shelters, which can facilitate outbreaks of respiratory and gastrointestinal disease.

### **Additional Resources**

#### Websites:

- US Environmental Protection Agency, Climate Change and Human Health: <http://www.epa.gov/climatechange/impacts-adaptation/health.html>
- Climate Institute, Human Health: <http://www.climate.org/topics/health.html>
- Centers for Disease Control and Prevention, Climate and Health Program, Health Effects: <http://www.cdc.gov/climateandhealth/effects/default.htm>
- Weather Underground, Sea Level Rise, Impacts of Sea Level Rise: [http://www.wunderground.com/climate/SeaLevelRise.asp#Header1\\_4](http://www.wunderground.com/climate/SeaLevelRise.asp#Header1_4)

#### Articles:

- Rose JB, et al. Climate variability and change in the United States: potential impacts on water- and foodborne disease caused by microbiologic agents. *Environ Health Perspect* 2001; 109(suppl 2): 211-221.
- Kelm ME. Sea-level-rise disaster in Micronesia: sentinel event for climate change? *Disaster Med Public Health Preparedness* 2010; 4: 81-87.
- Kahn AE, et al. Drinking water salinity and maternal health in coastal Bangladesh: implications of climate change. *Environ Health Perspect* 2011; 119: 1328-1332.

## **Appendix B**

### **Text Required to be Included in Local Mitigation Strategies**

## RESOLUTION

### **A RESOLUTION OF (JURISDICTION), AUTHORIZING (JURISDICTION) TO APPROVE AND ADOPT THE 2015 REVISED PALM BEACH COUNTY LOCAL MITIGATION STRATEGY PLAN; AND PROVIDE AN EFFECTIVE DATE.**

**WHEREAS**, Palm Beach County is susceptible to a variety of natural, technological, and human-caused disasters, including but not limited to, severe weather, hazardous materials incidents, nuclear power plant emergencies, communicable diseases, and domestic security incidents as well as climate change impacts and sea level rise that causes increased inundation, shoreline erosion, flooding from severe weather events, accelerated saltwater contamination of ground water and surface water supplies, and expedited loss of critical habitats, and

**WHEREAS**, the Disaster Mitigation Act of 2000, was enacted to establish a national disaster hazard mitigation program to reduce the loss of life and property, human suffering, economic disruption, and disaster assistance costs resulting from disasters, and to assist state, local, and tribal governments in implementing effective hazard mitigation measures to ensure the continuation of critical services and facilities after a natural disaster, and **WHEREAS**, the Disaster Mitigation Act of 2000, as a condition for qualifying for and receiving future Federal mitigation assistance funding as well as reimbursement for Presidentially Declared Disasters, requires such governments to have Federal Emergency Management Agency approved hazard mitigation plans in place that identify the hazards that could impact their jurisdictions, identify actions and activities to mitigate the effects of those hazards, and establish a coordinated process to implement plans; and

**WHEREAS**, Palm Beach County's Local Mitigation Strategy, in coordination with governmental and non- governmental stakeholders having an interest in reducing the impact of disasters, and with input from the private sector and other members of the public, developed and revised the Palm Beach County Local Mitigation Strategy; and

**WHEREAS**, the 2015 revised Local Mitigation Strategy has been approved by the Florida Division of Emergency Management and the Federal Emergency Management Agency subject to adoption by the County Board of County Commissioners; and

**WHEREAS**, the LMS Steering Committee recommends the formal adoption of the 2015 Revised Local Mitigation Strategy, including planned future enhancements described therein, by the County and all 38 participating municipalities.

**NOW, THEREFORE, BE IT RESOLVED BY (JURISDICTION) THAT:**

Section 1. The foregoing “Whereas” clauses are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this Resolution upon adoption hereof.

Section 2. The (Jurisdiction) hereby approves and adopts the 2015 Revised Local Mitigation Strategy Plan (attached hereto as Exhibit A) in its entirety, as revised by the LMS Steering Committee and approved by the Palm Beach County Board of County Commissioners, the Florida Division of Emergency Management and the Federal Emergency Management Agency.

Section 3. The (Jurisdiction) authorizes the appropriate (Jurisdiction) Officials to pursue available funding opportunities for implementation of proposed mitigation initiatives described in the Local Mitigation Strategy, and upon receipt of such funding or other necessary resources, seek to implement the actions in accordance with the mitigation strategies set out by the Local Mitigation Strategy.

Section 4. The (Jurisdiction) will continue to support and participate in the Local Mitigation Strategy planning and implementation process as required by Federal Emergency Management Agency, the Florida Division of Emergency Management, and the Palm Beach County Local Mitigation Strategy Steering Committee.

Section 5. The (Jurisdiction) will consider incorporating climate change concerns, sea level rise and natural hazards into the local comprehensive plan and into future reviews of flood prevention regulations and zoning codes.

Section 6. The (Jurisdiction) directs (jurisdiction Clerk/other) to transmit an original of the executed Resolution to the Palm Beach County Division of Emergency Management, attention Local Mitigation Strategy Coordinator (712-6481), for filing in the Office of the Clerk & Comptroller.

Section 7. This Resolution shall become effective immediately upon passage.

**PASSED AND ADOPTED THE \_\_\_\_ day of \_\_\_\_, 20\_\_.**

The (Jurisdiction) will consider incorporating climate change concerns, sea level rise and natural hazards into the local comprehensive plan and into future reviews of flood prevention regulations and zoning codes.

**APPENDIX C**

**LIST OF MAYORS OF PALM BEACH COUNTY  
MUNICIPALITIES**

## Mayors of Palm Beach County Municipalities

Municipality	Mayor	Phone	email
Atlantis	David Kintz	561-965-1744	
Belle Glade	Steve B. Wilson		
Boca Raton	Susan Haynie	561-393-7708	<a href="mailto:shaynie@ci.boca-raton.fl.us">shaynie@ci.boca-raton.fl.us</a>
Boynton Beach	Jerry Taylor	(561) 742-6010	taylorj@bbfl.us
Briny Breezes	Mike Hill	(561) 272-5495	brinytownclerk@yahoo.com
Cloud Lake*			
Delray Beach	Cary Glickstein		glickstein@mydelraybeach.com
Glen Ridge*			
Golf			
Greenacres	Samuel J. Ferreri		Sferreri@ci.greenacres.fl.us
Gulf Stream			
Haverhill	Jay Foy	( 561) 689-0370	MayorandCouncil@townofhaverhill-fl.gov
Highland Beach	Bernard Featherman	(561) 278-4548	
Hypoluxo	Ken Schultz	(561) 588-9431	mayor@hypoluxo.org
Juno Beach	Mort Levine	561-626-1122	mlevine@juno-beach.fl.us
Jupiter	Karen J. Golonka	(561) 741-2214	kareng@jupiter.fl.us
Jupiter Inlet Colony			
Lake Clarke Shores	Valentin Rodriguez, Jr.		VRodriguez@LakeClarke.org
Lake Park	James DuBois		jdubois@lakeparkflorida.gov
Lake Worth	Pam Triolo	(561)586-1735	ptriolo@lakeworth.org
Lantana	David J. Stewart		<a href="mailto:dstewart@lantana.org">dstewart@lantana.org</a>
Manalapan	David S. Cheifetz	(561) 383-2561	mayorcheifetz@manalapan.org
Loxahatchee Groves	David Browning	561-793-2418	
North Palm Beach	Darryl Aubrey	(561)841-3355	
Ocean Ridge	Geoffrey A. Pugh		<a href="mailto:info@oceanridgeflorida.com">info@oceanridgeflorida.com</a>
Mangonia Park			
Palm Beach	Gail L. Coniglio	561-838-5414	
Palm Beach Gardens	Bert Premuroso		<a href="mailto:rpremuroso@pbgf.com">rpremuroso@pbgf.com</a>
Pahokee	Colin Walkes	561-924-5534	cwalkes@cityofpahokee.com
Palm Springs	Bev Smith	(561) 965-4010	
Riviera Beach	Thomas Masters	(561) 845-4145	mayormasters@rivierabch.com
Palm Beach Shores	John Workman		online email form
South Bay	Shanique Scott		<a href="mailto:scotts@southbaycity.com">scotts@southbaycity.com</a>
	Dr. Donald W. Clayman		
South Palm Beach	Clayman		dclayman@southpalmbeach.com
Royal Palm Beach	Matty Mattioli	(561) 790-5103	
Wellington	Bob Margolis		rmargolis@wellingtonfl.gov
West Palm Beach	Jerri Muoio	(561) 822-1400	jmuoio@wpb.org
Tequesta	Abby Brennan		online email form

\*email only

## **APPENDIX D**

### **Sea Level Rise Memo for Public Officials**

## What's going on with Sea level Rise in Palm Beach County?

The Climate Action Coalition of South Florida needs your help to protect our community from sea level rise. With your help, we can implement policies that will make our Palm Beach County communities strong and resilient to withstand the threats of sea level rise.

### What is at stake?

Climate change poses many serious threats in South Florida. Sea level rise in particular puts citizens at risk of increased tidal flooding, beach erosion, and intensified hurricanes. Here in Palm Beach County, there are many properties, businesses, critical facilities, and infrastructure that are located in high-risk areas. A rising tideline can infiltrate our freshwater supply through salt-water intrusion. Higher erosion rates will wash away beaches threatening the tourism economy, one of Florida's most important industries. Sea level rise will intensify the power of hurricanes, allowing the destruction to reach further inland.

Level of Inundation	Total Taxable Value at Risk in PBC*
1 foot	\$557 million
2 feet	\$1.9 billion
3 feet	\$4.5 billion

\*Southeast Florida Regional Climate Change Compact. Inundation Mapping and Vulnerability Work Group. *Analysis of the Vulnerability of Southeast Florida to Sea Level Rise*. N.p.: n.p., 2012. Print. p. 96

### Why worry about sea level rise now?

The impacts of sea level rise are already being felt in Palm Beach County today. Some of the constituents in your district responded to a recent survey conducted by the Climate Action Coalition of South Florida. Here's what they told us:

- **Boynton Beach:** "Sluggish canal drainage caused flooding at the entrance to our community with 10" of rain near Boynton Beach Blvd. and Jog Rd. The canal behind my house swells during major rain and storm events causing the water to move even further up into my yard!"
- **Delray Beach:** "I live off W. Linton Blvd. about a 1/2 mile (east) from Kings Point where last January, we had a bad flood which killed about 3 people (stranded in their cars). This was flash flooding - a climatic change event - showing us that we need more storm drainage."
- **SE Delray Beach:** "In my neighborhood, homes were flooded, cars were flooded (mine was!) and two persons perished on Jan 9-10, 2014. This was due to horizontal rains, but sea level is rising in Delray!"

- **Hypoluxo:** “The Lantana Beach is all but gone. They just redid the parking lots and their wonderful, but there is barely a foot or two of actual sand to enjoy. We have to travel farther to go to the beach. We also have had the roads of our community flooded by torrential downpours. The drainage system gets overwhelmed and cannot accommodate all the water. I've actually had to miss a half-day of work because I couldn't leave my house. Other cars were stalled in the road trying to get out.”

With the growing population and thriving coastal development it is crucial that we address the risks of sea level rise to ensure that Boynton Beach continues to thrive in the future. Many constituents are already experiencing flood-related impacts today and with 3 to 7 inches of sea level rise in the next 10 years, these impacts will quickly only get worse. Actions taken today can protect Boynton Beach from both current and future risks while improving the way we see the ever-changing coastline.

### ***What is the Regional Climate Action Plan (RCAP)?***

In January 2010 Broward, Miami-Dade, Monroe, and Palm Beach Counties came together to create the Southeast Florida Regional Climate Change Compact (Compact). The goal of the Compact is to coordinate climate change policy options across county lines. To accomplish this goal, the Compact published the Regional Climate Action Plan which is a detailed guide containing 110 recommendations of actions that will prepare Southeast Florida for the effects of climate change.

If your municipality is interested in becoming a signatory of the RCAP, you can find out more information from the county municipal coordinator, Penni Redford . By becoming a signatory, you will be preparing your municipality and constituents for the impacts that we face from climate change by working with local experts that will help you determine what the targeted next steps are for your district.

### ***What can YOU do next?***

There are some important leaders in implementing climate adaptation in Palm Beach County. The following are some types of adaptations that your municipality can implement and local contacts who can be referred to as experts in the field. If you are interested in developing any of these strategies, these people may be very helpful for you.

**APPENDIX E**

**FLORIDA STATUTES RELATED TO SEA LEVEL RISE  
PLANNING AND LINKS TO ADAPTATION AREA  
IMPLEMENTATION ADVICE**

**Florida Statute section 163.3178(2)(f)1 requires the inclusion of the language below into comprehensive plans:**

<http://www.leg.state.fl.us/statutes/index.cfm?>

[App\\_mode=Display\\_Statute&Search\\_String=&URL=0100-0199/0163/Sections/0163.3178.html](http://www.leg.state.fl.us/statutes/index.cfm?App_mode=Display_Statute&Search_String=&URL=0100-0199/0163/Sections/0163.3178.html)

Include development and redevelopment principles, strategies, and engineering solutions that reduce the flood risk in coastal areas which results from high-tide events, storm surge, flash floods, stormwater runoff, and the related impacts of sea-level rise.

**Florida Statute §163.3177(6)(g)10. (2014) defines Adaptation Action Areas:**

<http://www.leg.state.fl.us/Statutes/index.cfm?>

[App\\_mode=Display\\_Statute&Search\\_String=&URL=0100-0199/0163/Sections/0163.3177.html](http://www.leg.state.fl.us/Statutes/index.cfm?App_mode=Display_Statute&Search_String=&URL=0100-0199/0163/Sections/0163.3177.html)

At the option of the local government, develop an adaptation action area designation for those low-lying coastal zones that are experiencing coastal flooding due to extreme high tides and storm surge and are vulnerable to the impacts of rising sea level. Local governments that adopt an adaptation action area may consider policies within the coastal management element to improve resilience to coastal flooding resulting from high-tide events, storm surge, flash floods, stormwater runoff, and related impacts of sea-level rise. Criteria for the adaptation action area may include, but need not be limited to, areas for which the land elevations are below, at, or near mean higher high water, which have a hydrologic connection to coastal waters, or which are designated as evacuation zones for storm surge.

## **APPENDIX F**

### **TEMPLATE SCRIPT FOR PUBLIC PRESENTATIONS**



## CLIMATE ACTION COALITION OF SOUTH FLORIDA

My name is \_\_\_\_\_ : address \_\_\_\_\_

I'm a member of (if relevant) \_\_\_\_\_, and a member of the Climate Action Coalition of South Florida.

We are a non-partisan group of organizations and individuals working together in support of the Southeast Florida Regional Climate Action Plan (RCAP) and the federal administration's climate action plan.

I would like to thank \_\_\_\_\_ for \_\_\_\_\_. I'm here tonight to explain why we have brought this pledge before you, and to do my best to answer any questions you may have.

The regional climate action plan was created by the Southeast Florida Regional Climate Change Compact: a compact comprised of Palm Beach County, Broward County, Miami-Dade County, and Monroe County.

The compact represents a new form of regional climate governance designed to allow local governments to set the agenda for adaptation to climate change impacts while providing an efficient means for state and federal agencies to engage with technical assistance and with support.

Our coalition is working to get municipalities on board so they can:

- Take advantage of technical assistance and support that will build climate resilience to keep our property and infrastructure safe, and
- Participate in best practice sharing

Municipalities throughout Palm Beach County are already responding to climate change impacts, including:

- Saltwater intrusion that causes municipalities to move their wells inland or to install reverse osmosis facilities (as we have here in Boca Raton).
- Coastal beach erosion and flooding, like we are seeing now during the highest tides of the year, and

- Inland flooding caused by the inability of our aging canal system to keep up with the rising sea level

On May 21, 2015, Governor Rick Scott signed Senate Bill 1094 into law, which now requires municipalities to include sea level rise in the coastal management element of their comprehensive plans, to eliminate inappropriate and unsafe development in the coastal areas when opportunities arise (often as part of redevelopment plans after disasters.)

We at the Climate Action Coalition of South Florida would like you to sign the Mayor's Climate Action Pledge, and to participate in regional workshops: to share the best practices that have been implemented in (Boca Raton), and to learn from your counterparts in other municipalities, who have experienced climate change impacts before us.

The Regional Climate Action Plan provides a basket of 110 key recommendations in the areas of:

- Sustainable communities and transportation planning
- Water supply, management and infrastructure
- Natural systems
- Agriculture
- Energy and fuel
- Risk reduction and emergency management
- Outreach and public policy

Municipalities are encouraged to identify the vulnerabilities in their own communities. They can then consult the key recommendations that were compiled by experts in the various fields, as to what can be done to address them. None of the recommendations in the plan are mandatory.

There is model language for comprehensive plan elements, an implementation guide, and there are many other resources available through the Southeast Florida Regional Climate Change Compact.

I am here tonight because I believe that by signing the Mayor's Climate Action Pledge, you will be engaging in a process that protects our infrastructure and property, and that by signing the pledge you would be demonstrating leadership on an issue of the utmost regional importance.

Thank you.