

# MEMORANDUM

Agenda Item No. 11(A)(16)

**TO:** Honorable Chairman Jean Monestime  
and Members, Board of County Commissioners

**DATE:** January 21, 2015

**FROM:** R. A. Cuevas, Jr.  
County Attorney

**SUBJECT:** Resolution directing the Mayor in conjunction with the Office of Intergovernmental Affairs to initiate discussions related to climate change with private insurance and reinsurance professional organizations, member local governments in the Southeast Florida Climate Change Compact, the Florida Office of Insurance Regulation's Department of Financial Services, and other key stakeholders to develop long-term risk management solutions

**This item was amended at the December 11, 2014 Land Use & Development Committee to include quarterly status reports to commence from the effective date of the Resolution until the issuance of the final report.**

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Rebeca Sosa, and Co-Sponsors Commissioner Daniella Levine Cava and Commissioner Jose "Pepe" Diaz.

  
\_\_\_\_\_  
R. A. Cuevas, Jr.  
County Attorney

RAC/smm




# MEMORANDUM

(Revised)

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and Members, Board of County Commissioners

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Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☐ No committee review
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's \_\_\_\_\_, 3/5's \_\_\_\_\_, unanimous \_\_\_\_\_) to approve
- ☐ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved \_\_\_\_\_ Mayor  
Veto \_\_\_\_\_  
Override \_\_\_\_\_

Agenda Item No. 11(A)(16)

1-21-15

RESOLUTION NO. \_\_\_\_\_

RESOLUTION DIRECTING THE MAYOR OR  
DESIGNEE IN CONJUNCTION WITH THE OFFICE OF  
INTERGOVERNMENTAL AFFAIRS TO INITIATE  
DISCUSSIONS RELATED TO CLIMATE CHANGE  
WITH PRIVATE INSURANCE AND REINSURANCE  
PROFESSIONAL ORGANIZATIONS, MEMBER  
LOCAL GOVERNMENTS IN THE SOUTHEAST  
FLORIDA CLIMATE CHANGE COMPACT, THE  
FLORIDA OFFICE OF INSURANCE REGULATION'S  
DEPARTMENT OF FINANCIAL SERVICES, AND  
OTHER KEY STAKEHOLDERS TO DEVELOP LONG-  
TERM RISK MANAGEMENT SOLUTIONS

**WHEREAS**, Florida is considered one of the most vulnerable areas in the country with respect to the consequences of climate change, with Southeast Florida on the frontline to experience the impacts of climate change, especially sea level rise, due to its low-lying topography and extensive coastal infrastructure; and

**WHEREAS**, climate scientists and other groups such as the Southeast Environmental Research Center and the National Oceanic and Atmospheric Administration's Coastal Services Center have predicted the potential erosion of dry land and loss of waterfront property in Miami-Dade County as a result of sea level rise; and

**WHEREAS**, due to severe weather impacts, insured losses for the global insurance industry rose to \$40 billion during the first decade of this century; and

**WHEREAS**, members of the reinsurance industry have been conducting research to assess the cost of adapting to severe weather impacts using a rigorous risk management approach to assess local total climate risk and included proposed adaptation measures to address total climate risk on an economic basis; and

**WHEREAS**, using predictive scenarios, at least one study has estimated the expected losses for Southeast Florida by scenario and by hazard ranged from \$17 billion, or 8.5 percent of Gross Domestic Product in 2008, to \$33 billion or 10 percent of the projected Gross Domestic Product in 2030; and

**WHEREAS**, it is estimated that approximately \$30 billion of the total expected loss in 2050 could be avoided if a comprehensive plan for adaptation were implemented; and

**WHEREAS**, a recent report by the Geneva Association, the leading international think tank for strategically important insurance and risk management issues, concluded that historic climate records are no longer reliable tools in either risk assessment or rate setting; and

**WHEREAS**, insurance rates continue to climb and could soon become prohibitive; and

**WHEREAS**, Miami-Dade County has been in the forefront of these issues for many years; and

**WHEREAS**, the Miami-Dade County Comprehensive Development Master Plan (hereinafter "the CDMP") was amended to address sea level rise and climate change, through policies which call for the consideration of sea level rise and climate change as an integral component of all planning processes, including incorporation into public investment processes and decisions; and

**WHEREAS**, the Board of County Commissioners (hereinafter "this Board") had previously created the Miami-Dade Climate Change Advisory Task Force, established in July 2006 for a period of five years, through the adoption of Ordinance No. 06-113, which served as an advisory board to this Board on the issue of global warming climate change and was charged with identifying potential future climate change impacts to Miami-Dade County, while providing recommendations regarding mitigation and adaptation measures to respond to climate change; and

**WHEREAS**, the Miami-Dade Climate Change Advisory Task Force, sunset and dissolved in 2011, pursuant to Ordinance No. 06-113; and

**WHEREAS**, Miami-Dade County is a member of the Southeast Florida Regional Climate Compact, which is a groundbreaking collaboration of four counties - Monroe, Miami-Dade, Broward, and Palm Beach - working together as a region on climate change policy, mitigation and adaptation; and

**WHEREAS**, in July of 2013, this Board created the Miami-Dade Sea Level Rise Task Force through the adoption of Resolution No. R-599-13 to review the relevant data and prior studies, assessments, reports, and evaluations of the potential impact of sea level rise on vital public services and facilities, real estate, water and other ecological resources, waterfront property, and infrastructure; and

**WHEREAS**, at the direction of this Board, on July 1, 2014, the Miami-Dade Sea Level Rise Task Force issued a report with their findings that included an assessment of the likely and potential impacts of sea level rise and storm surge over time, and a set of six recommendations relative to amendments to the CDMP, capital facilities planning, budgetary priorities and other County programs as necessary to ensure that Miami-Dade County is taking appropriate actions to reduce its contributions to climate-induced sea level rise and to ensure its resiliency to the increase in sea level rise, storm surge and related impacts which are expected to occur; and

**WHEREAS**, after making their recommendations the Miami-Dade Sea Level Rise Task Force sunset and dissolved in July of 2014, pursuant to Resolution No. R-559-13; and

**WHEREAS**, the Miami-Dade Sea Level Rise Task Force made the recommendation that this Board pass legislation requiring Miami-Dade County to initiate discussions with private insurance and reinsurance professional organizations, member local governments in the

Southeast Florida Climate Change Compact, and the Florida Office of Insurance Regulation's Department of Financial Services to develop long-term risk management solutions,

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA,** that this Board:

**Section 1.** Directs the Mayor or Mayor's designee in conjunction with the Office of Intergovernmental Affairs to initiate discussions related to climate change with private insurance and reinsurance professional organizations, member local governments in the Southeast Florida Climate Change Compact, the Florida Office of Insurance Regulation's Department of Financial Services, and other key stakeholders to develop long-term risk management solutions.

**Section 2.** Further directs the Mayor or Mayor's designee to prepare a report regarding the issues identified in Section 1 above, provide the report to this Board within one year of the effective date of this resolution and place the completed report on an agenda of the Board pursuant to Ordinance No. 14-65[[·]]<sup>1</sup> >>and directs that, from the effective date of this resolution to the time the final report is issued, the Mayor or Mayor's designee shall prepare quarterly status reports regarding the issues identified in Section 1 above, and provide the status reports to this Board on a quarterly basis and place the status reports on an agenda of the Board pursuant to Ordinance No. 14-65.<<

The Prime Sponsor of the foregoing resolution is Commissioner Rebeca Sosa, and the Co-Sponsors are Commissioner Daniella Levine Cava and Commissioner Jose "Pepe" Diaz. It was offered by Commissioner \_\_\_\_\_, who moved its adoption. The motion was seconded by Commissioner \_\_\_\_\_ and upon being put to a vote, the vote was as follows:

<sup>1</sup> Committee amendments are indicated as follows: Words stricken through and/or [[double bracketed]] are deleted, words underscored and/or >>double arrowed<< are added.

Jean Monestime, Chairman

Esteban L. Bovo, Jr., Vice Chairman

Bruno A. Barreiro

Jose "Pepe" Diaz

Sally A. Heyman

Dennis C. Moss

Sen. Javier D. Souto

Juan C. Zapata

Daniella Levine Cava

Audrey M. Edmonson

Barbara J. Jordan

Rebeca Sosa

Xavier L. Suarez

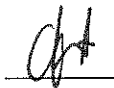
The Chairperson thereupon declared the resolution duly passed and adopted this 21<sup>st</sup> day of January, 2015. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this Resolution and the filing of this approval with the Clerk of the Board.

MIAMI-DADE COUNTY, FLORIDA  
BY ITS BOARD OF  
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: \_\_\_\_\_  
Deputy Clerk

Approved by County Attorney as  
to form and legal sufficiency.



Christopher A. Angell