

# Memorandum



**Date:** December 1, 2009

Agenda Item No. 1D1

**To:** Honorable Chairman Dennis C. Moss and  
Members, Board of County Commissioners

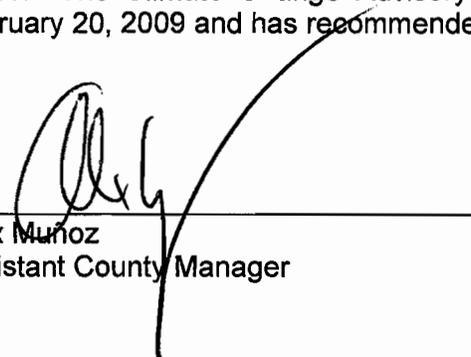
**From:** George M. Burgess  
County Manager

A handwritten signature in black ink, appearing to read "Burgess", written over the printed name of George M. Burgess.

**Subject:** Sunset Review of County Boards for 2009 – Climate Change Advisory Task Force

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In accordance with the provisions of Section 2-11.40 of the Code of Miami-Dade County, I am transmitting the 2009 Sunset Review of County Boards Report for the Climate Change Advisory Task Force. The Climate Change Advisory Task Force approved the attached report at its meeting of February 20, 2009 and has recommended the continuation of its board.



A large, stylized handwritten signature in black ink, appearing to read "Alex Muñoz", written over a horizontal line. The signature is written in a cursive style with a long, sweeping underline that extends to the right.

Alex Muñoz  
Assistant County Manager

cmo14109

**Date:** February 23, 2009

**To:** George M. Burgess  
County Manager

**From:** Clerk of Courts, Harvey Ruvin  
Chairperson, The Climate Change Advisory Task Force

**Subject:** Sunset Review of County Boards for 2009 – The Climate Change Advisory Task Force

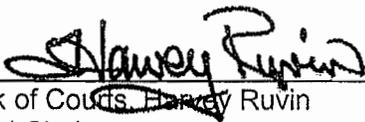
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Pursuant to Section 2-11.40 of the Code of Miami-Dade County, I am submitting the 2009 Sunset Review of County Boards Report for the Climate Change Advisory Task Force for transmittal to the Board of County Commissioners (BCC). The Board approved the attached report at its meeting of February 20, 2009.

It is recommended that the BCC approve the continuation of The Climate Change Advisory Task Force.

#### **BACKGROUND**

It has now been established with sound scientific evidence that Climate Change is indeed occurring on a global level. It is therefore crucial that Miami-Dade County begin planning for those future impacts, to help anticipate what these impacts may be and begin taking steps now to prevent or mitigate them. In order to address this long term challenge, Miami-Dade County established The Climate Change Advisory Task Force by Ordinance # 06-113 on July 18, 2006, for an initial period of five (5) years. This diverse group of knowledgeable individuals from the community is charged with identifying potential future climate change impacts to Miami-Dade County, prioritizing these impacts, and then providing recommendations to the Board of County Commissioners for actions that should be taken to begin planning for, and mitigating, these impacts, as well as continuing to reduce Greenhouse Gas (GHG) emissions. Although the Task Force presented its first set of 34 recommendations to the BCC in April 2008, this is only the beginning of a long-term and critical planning process. This Task Force should continue to function because the vast knowledge and expertise of its members is of great benefit to Miami-Dade County's crucial and long-term planning process to protect from future impacts of climate change.



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Clerk of Courts, Harvey Ruvin  
Board Chairperson

**SUNSET REVIEW QUESTIONNAIRE  
MIAMI-DADE COUNTY BOARDS  
2009**

**I. GENERAL INFORMATION**

1. **Name of Board reporting:** Miami-Dade Climate Change Advisory Task Force (CCATF)
2. **Indicate number of board members, terms of office, and number of vacancies:**  
**Number of Board Members:** 25  
**Terms of Office:** Must be Miami-Dade County resident; must have reputation for integrity, community service, and have demonstrated interest in field/activity related to global warming/climate change.  
**Number of Vacancies:** 4\*  
\*Nine (9) appointments by the County Manager expired 1/31/09. Six (6) of these are expected to be reappointed and three (3) will be filled with new appointments. The 4<sup>th</sup> vacancy is in the process of being filled with a new appointment.
3. **Identify number of meetings and members' attendance (Attach records reflecting activity from Jan. 1, 2007 through December 31, 2008):**  
**Number of Meetings:** 7 full Task Force meetings and 72 Subcommittee meetings  
**Number of Meetings with a Quorum:** 6  
**Attendance Records:** See Attachment
4. **What is the source of your funding?** There is no funding source for this Board.
5. **Date of Board Creation:** July 18, 2006 by Ordinance 06-113
6. **Attach a copy of the ordinance creating the Board** (Please include all subsequent amendments).  
See Attachment – No Amendments have been made.
7. **Include the Board's Mission Statement or state its purpose:**  
The CCATF was established for the purpose of providing technical assistance and advice to the Board of County Commissioners as to mitigation and adaptation measures to respond to future global warming/climate change impacts.
8. **Attach the Board's standard operating procedures, if any.** See Attachment
9. **Attach a copy of the Board's By-Laws, if any.** NA
10. **Attach a copy of the Board minutes approving the Sunset Review Questionnaire, including a vote of the membership.**  
See Attachment

**II. EVALUATION CRITERIA**

1. **Is the Board serving the purpose for which it was created? (Please provide detailed information)** Yes, the CCATF created six separate committees to address specific issues associated with climate change mitigation and adaptation and these committees have been actively meeting since June 2007. These committees are comprised of Task Force appointed members and other interested members of the public. The first set of Task Force recommendations were presented to, and accepted by, the BCC on April 22, 2008. The committees and full Task Force continue to meet regularly to develop additional recommendations.

**SUNSET REVIEW QUESTIONNAIRE  
MIAMI-DADE COUNTY BOARDS  
2009**

2. **Is the Board serving current community needs?** (Please provide detailed information) Yes, the Climate Change Advisory Task Force is serving community needs by assisting in the identification and support of additional efforts to reduce Greenhouse Gas (GHG) emissions, as well as assisting in the community's climate change adaptation planning by offering recommendations for actions in the planning and preparation for future climate change impacts.
3. **What are the Board's major accomplishments?**
- a. **Last 24 months** \_The CCATF created six separate committees and 2 additional subcommittees to address specific areas of concern and action for Greenhouse Gas emission reduction and climate change adaptation planning. It has presented periodic update reports to the BCC and an initial set of 35 recommendations for actions the County should consider taking to reduce greenhouse gas emissions (climate change mitigation) and to adapt to future climate change impacts.
- b. **Since established** Same as above
4. **Is there any other board, either public or private, which would better serve the function of this board?**  
No, Miami-Dade County is considered a leader in climate change mitigation and adaptation planning at the local government level as a result of the establishment of this Task Force. Over 175 knowledgeable individuals have been participating in this Task Force and there is currently no other comparable public or private board in Miami-Dade County that is functioning in this capacity.
5. **Should the ordinance creating the Board be amended to better enable the Board to serve the purpose for which it was created? (If "Yes", attach proposed changes)**  
Yes. Response to local climate change mitigation and adaptation concerns require regional efforts and therefore, the ordinance should be revised to remove the stipulation that members be a resident and elector of Miami-Dade County. In addition, the requirement for a minimum of 4 Task Force meetings per year should be reduced to at least 2 meetings per year, as long as each Task Force committee meets at least twice per year. Most committees of the Task Force currently meet approximately once per month.
6. **Should the Board's membership requirements be modified?**  
Yes, see response in #5 above.
7. **What is the operating cost of the Board, both direct and indirect? (Report on FY 2007 and FY 2008)**  
There are no additional costs above the salary of support staff already assigned to the Task Force and performing similar work.
8. **Describe the Board's performance measures developed to determine its own effectiveness in achieving its stated goals.**  
The Task Force is utilizing the performance measures as outlined in Section 3(e) and Section 4 of Ordinance 06-113, with respect to minimum meeting requirements and reporting schedules, as well as submittal of recommendations on an annual basis.

**SUNSET REVIEW QUESTIONNAIRE  
MIAMI-DADE COUNTY BOARDS  
2009**

Also: Include a diskette, saved in Word, of the County Manager's transmittal memorandum to the Board of County Commissioners with the Board's recommendation.

Attendance for the Climate Change Advisory Task Force Meetings  
January 1, 2007 – December 31, 2008

Meeting Dates	02/23/07	03/15/07	04/19/07	06/06/07	01/11/08	01/14/08	03/20/08
Quorum?	Yes	Yes	Yes	Yes	Yes	No	Yes
Member Name							
Abess, Leonard				X			
Bartel, Jeffrey (Represented by M.J. Rodriguez after 2/23/07)	X						
Cantillo, Dr. Adriana Y.	X	X	X	X	X	X	X
Dekle, Carolyn		X	X				X
Farago, Alan	X	X	X		X	X	X
Frankel, Marcus	X	X		X	X		X
Fuentes, Jose		X	X	X	X		
Gladwin, Hugh	X	X	X		X	X	
Guerra, Cynthia	X	X	X	X		X	X
Kimball, Dan	X			X		X	X
Kipnis, Capt. Dan	X	X		X	X		X
Leatherman, Prof. Stephen							
Liebman, Nancy	X	X	X				
Liano-Montes, Antonio (Appointed 11/06 – 04/07)							
McCrackine, Sean	X		X	X	X	X	X
Milian, P. E., Arsenio	X		X				

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**Attendance for the Climate Change Advisory Task Force Meetings  
January 1, 2007 – December 31, 2008**

Meeting Dates	02/23/07	03/15/07	04/19/07	06/06/07	01/11/08	01/14/08	03/20/08
Moss, Esquire, Tony		X					X
Murley, James F. (Jim)	X	X	X	X	X		X
Olmedillo, Guillermo	X	X	X	X		X	
Parker, Dr. John (Jack)		X	X		X	X	X
Pettigrew, Esq., Richard (Appointed 04/07 – Present)			X	X	X		
Plater-Zyberk, Elizabeth	X			X	X	X	
Ravinet, Dr. Alfredo							
Rodon, Rafael				X			
Rodriguez, M. J. "Manny (Appointed as FPL Rep. By /For J. Bartel after 2/23/07)		X				X	
Ruvin, Harvey Clerk of Courts	X	X	X	X	X	X	X
Wanless, Prof. Hal	X	X	X	X	X	X	X

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MEMORANDUM

Agenda Item No. 7(A)

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**TO:** Honorable Chairman Joe A. Martinez  
and Members, Board of County Commissioners

**DATE:** (Second Reading 07-18-06)  
April 25, 2006

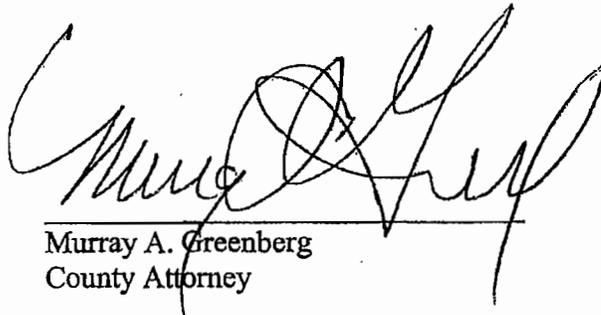
**FROM:** Murray A. Greenberg  
County Attorney

**SUBJECT:** Ordinance creating the  
Miami-Dade County  
Climate Change Advisory  
Task Force

07/06-113

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The accompanying ordinance was prepared and placed on the agenda at the request of Commissioner Natacha Seijas, Commissioner Jose "Pepe" Diaz, Commissioner Audrey M. Edmonson, Commissioner Carlos A. Gimenez, Commissioner Barbara J. Jordan and Commissioner Dorrin D. Rolle.



Murray A. Greenberg  
County Attorney

MAG/bw

# Memorandum



**Date:** July 18, 2006  
**To:** Honorable Chairman Joe A. Martinez  
and Members, Board of County Commissioners  
**From:** George M. Burgess  
County Manager  
**Subject:** Ordinance Creating the Miami-Dade County Climate Change Advisory Task Force

The proposed ordinance creating the Climate Change Advisory Task Force will require the department to organize meetings, provide technical guidance, and prepare reports required by the Task Force.

The Department of Environmental Resources Management expects to utilize existing staff to absorb the additional responsibilities. However, if additional resources are required, the department will work with the Office of Strategic Business Management to provide adequate funding.

  
Assistant County Manager

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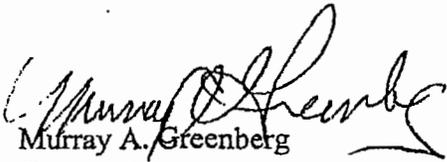


# MEMORANDUM

(Revised)

**TO:** Honorable Chairman Joe A. Martinez  
and Members, Board of County Commissioners

**DATE:** July 18, 2006

**FROM:**   
Murray A. Greenberg  
County Attorney

**SUBJECT:** Agenda Item No. 7(A)

Please note any items checked.

- "4-Day Rule" ("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
- Bid waiver requiring County Manager's written recommendation
- Ordinance creating a new board requires detailed County Manager's report for public hearing
- Housekeeping item (no policy decision required)
- No committee review

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

Agenda Item No. 7(A)  
07-18-06

ORDINANCE NO. 06-113

ORDINANCE CREATING THE MIAMI-DADE COUNTY CLIMATE CHANGE ADVISORY TASK FORCE; PROVIDING FOR MEMBERSHIP, ORGANIZATION AND PROCEDURE, APPOINTMENT AND TENURE, FUNCTION AND RESPONSIBILITY; PROVIDING SEVERABILITY, INCLUSION IN THE CODE, AND AN EFFECTIVE DATE

**BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA:**

Section 1. Climate Change Advisory Task Force; purpose.

In accordance with Sections 2-11.36 through 2-11.40 of this Code, there is hereby created and established an advisory board to be known as the Miami-Dade County Climate Change Advisory Task Force (hereinafter referred to as the CCATF) for the purpose of providing technical assistance and advice to the Board of County Commissioners as to mitigation and adaptation measures to respond to global warming climate change.

Section 2. Membership; appointment, staggered terms and removal.

(a) The CCATF shall have twenty-five (25) members. Each member shall be a resident and elector of Miami-Dade County unless the Board of County Commissioners, by a two-thirds vote of its membership, waives this requirement. Members should have reputations for integrity and community service and have

2/1/

demonstrated an interest in a field or activity related to global warming climate change.

The CCATF shall be composed of the following members:

1) Harvey Ruvin, who as a former member of the Board of County Commissioners sponsored Resolution No. R-335-91 adopting the County's "Urban CO2 Reduction Plan" (hereinafter referred to as the "adopted plan") and has chaired its implementation since, and who continues his service to the community as the Miami-Dade County Clerk of Courts;

2) One appointment for a member seat from each member of the Board of County Commissioners. In making the initial appointments preference should be given to those persons who have demonstrated a record of service by previous participation on the ad hoc committee on climate change adaptation chaired by Harvey Ruvin;

3) The County Manager shall recommend to the Board of County Commissioners candidates for nine (9) members' seats from governmental agencies and educational institutions on the basis of technical expertise in areas that will facilitate the work of the CCATF.

4) Two (2) appointments by the Mayor for two regular member seats.

(b) The initial appointment of those members appointed by individual commissioners shall be for a term of three (3) years. Those members not appointed by individual commissioners shall serve an initial term of two (2) years. The successors to the initial two-year appointments shall be appointed for three (3) years.

(c) Members may be removed in accordance with the provisions of Section 2-11.38 of this Code.

Section 3. Quorum; organization and procedures at meetings

(a) A quorum shall be a majority of the duly appointed and sitting members.

(b) Harvey Ruvlin shall serve as the initial chairperson for a three (3) year term. Thereafter, the chairperson shall be elected annually by a majority vote of the duly appointed membership.

(c) At the initial meeting, the chairperson shall appoint another member to serve a one (1) year term as vice-chairperson, subject to approval by a majority vote of those members in attendance. Thereafter, the vice-chairperson shall be selected and approved annually in the same manner. The CCATF shall adopt rules of procedure for its own governance.

(d) The chairperson shall nominate and the CCATF shall appoint, by a majority vote of those members in attendance, a chairperson and members for such committees as the CCATF finds helpful to its mission. Each committee shall be chaired by a duly appointed member of the CCATF, however, the committee membership may include persons who are not members of the CCATF. A committee shall have no authority to act or speak on behalf of the CCATF. The CCATF may establish or eliminate committees at its discretion.

(e) The CCATF shall hold not less than four (4) regular meetings each year.

Section 4. Responsibilities of the Climate Change Advisory Task Force.

The primary responsibility of the CCATF is to advise the Board of County Commissioners as to strategies and policies with respect to the continued implementation of the adopted plan and its updates, as well as adaptation measures to be taken in response to the challenge of global warming climate change. The CCATF shall serve as a

clearinghouse for information and strategies and provide reports on a quarterly basis to the Infrastructure and Land Use Committee of the Board of County Commissioners, or such other committee designated by the Board. On or before the first day of June, the CCATF shall provide an annual report of its recommendations to the Board of County Commissioners.

Section 5. Limitation of Authority.

The CCATF shall have no authority to commit Miami-Dade County to any policies, to incur any financial obligations or to create any liability on the part of the County. The actions and recommendations of the CCATF are advisory only and shall not be binding upon the County.

Section 6. Physical facilities, staff and supplies.

(a) The County shall provide the CCATF with appropriate meeting facilities, together with necessary supplies and equipment.

(b) The County Manager shall provide necessary staffing assistance to the CCATF.

(c) The CCATF may request the Board to provide such other specialized consulting expertise as it may determine are necessary from time to time.

Section 7. If any section, subsection, sentence, clause or provision of this ordinance is held invalid, the remainder of this ordinance shall not be affected by such invalidity.

Section 8. It is the intention of the Board of County Commissioners, and it is hereby ordained that the provisions of this ordinance, including any sunset provision, shall become and be made a part of the Code of Miami-Dade County, Florida. The

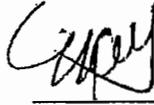
sections of this ordinance may be renumbered or relettered to accomplish such intention, and the word "ordinance" may be changed to "section," "article," or other appropriate word.

Section 9. This ordinance shall become effective ten (10) days after the date of enactment unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

Section 10. This ordinance shall stand repealed five (5) year(s) from its effective date.

PASSED AND ADOPTED: July 18, 2006

Approved by County Attorney as  
to form and legal sufficiency:



Prepared by:



Robert A. Duvall

Sponsored by Commissioner Natacha Seijas,  
Commissioner Jose "Pepe" Diaz,  
Commissioner Audrey M. Edmonson,  
Commissioner Carlos A. Gimenez,  
Commissioner Barbara J. Jordan and  
Commissioner Dorrin D. Rolle

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## Miami-Dade Climate Change Advisory Task Force Standard Operating Procedures

The Task Force established a vice-chair, committees, and a Task Force meeting schedule as outlined in Sections 3 (a) through 3 (e). The individual committees have established their own meeting schedules, and meet on a periodic basis to discuss specific issues and recommendations. Meeting notices are sent out approximately one week in advance of the meeting and the meetings are posted on the County's calendar for public notice. The meetings are recorded, and meeting minutes taken and distributed for review and approval at the subsequent committee meeting.

Draft recommendations are developed and approved by the individual committee before being presented to the full Task Force. Once approved by the Task Force, the recommendations are then forwarded to the appropriate committee (Budget, Planning and Sustainability) of the Board of County Commissioners for consideration.



# MIAMI-DADE COUNTY FINAL OFFICIAL MINUTES Climate Change Advisory Task Force

Board of County Commissioners  
Overtown Transit Village  
701 N.W. First Court  
2nd Floor Conference Room  
Miami, Florida 33136

February 20, 2009  
As Advertised

Harvey Ruvin, Clerk  
Board of County Commissioners

Kay Sullivan, Director  
Clerk of the Board Division

Alicia Stephenson, Commission Reporter  
(305) 375-1475



**CLERK'S SUMMARY AND FINAL OFFICIAL MINUTES  
CLIMATE CHANGE ADVISORY TASK FORCE  
FEBRUARY 20, 2009**

The Climate Change Advisory Task Force Steering Committee convened in the Department of Environmental Resources Management (DERM) 2nd Floor Training Room, 701 N.W. First Court, Miami, Florida, at 2:00 p.m. on February 20, 2009; there being present upon roll call Committee members Mr. Harvey Ruvin, Climate Change Advisory Task Force (Task Force) Chair; Mr. James (Jim) Murley, Task Force Vice Chair; and members Ms. Carolyn Dekle (by phone), Mr. Alan Farago, Ms. Jane Gilbert, Ms. Cynthia Guerra, Capt. Dan Kipnis, Mr. Sean McCrackine, Mr. Guillermo Olmedillo, Dr. John (Jack) Parker, Mr. Richard Pettigrew, Esq., Ms. Elizabeth Plater-Zyberk, , and Prof. Hal Wanless (Dr. Adrianna Cantillo, Mr. Dan Kimball, Prof. Stephen Leatherman, Ms. Nancy Liebman, Mr. Arsenio Milian, Dr. Alfredo Ravinet, Mr. Rafael Rodon, and Mr. Hugh Gladwin were absent. Mr. Marcus Frankel, Mr. Jose Fuentes, Mr. Tony Moss, Esq., and Mr. M.J. "Manny" Rodriguez arrived later. A representative of Mr. Hugh Gladwin was present); Mr. Carlos Espinosa, Department of Environmental Resources Management (DERM) Director; Mr. Devesh Nirmul, Office of Sustainability Director; Ms. Nichole Hefty, Department of Environmental Resources Management; and Deputy Clerk Alicia Stephenson.

I. Call to Order by Task Force Chairperson, Mr. Harvey Ruvin

Chairman Ruvin called the meeting to order at 2:16 p.m. He thanked Commissioner Seijas for overseeing the Climate Change Advisory Task Force (Task Force) when she was Chair of the Government Operations and Environment (GOE) Committee, which formerly had jurisdiction over the Task Force. Mr. Ruvin acknowledged Commissioner Seijas as the sponsor of the ordinance which created the Task Force. He noted that Commissioner Sorenson was Chair of the Budget, Planning and Sustainability Committee, which currently had jurisdiction over the Task Force, and that she planned to become more involved in the Task Force's activities. Mr. Ruvin noted that Mr. Terry Murphy, Senior Policy Advisor to Commissioner Seijas, would serve on the Task Force's Intergovernmental Affairs Committee.

II. Remarks by Commissioner Katy Sorenson, Chairperson of the Budget, Planning and Sustainability Committee

Mr. Sean McCrackine, Aide to Commissioner Sorenson, noted that Commissioner Sorenson was unable to attend today's (2/20) meeting due to a family emergency and that she apologized for her absence. He noted that she wanted to address members of the Task Force in person, but if she could not appear before the members soon, she may submit to them a memorandum containing her goals and ideas. Mr. McCrackine noted that Ms. Gilbert would replace him as Commissioner Sorenson's appointee to the Task Force after today.

III. Review & Approval of Task Force Meeting Minutes from January 11<sup>th</sup> & 14<sup>th</sup>, 2008 & March 20, 2008

It was moved by Mr. Pettigrew that the meeting minutes of January 11<sup>th</sup> & 14<sup>th</sup>, 2008 & March 20, 2008 be approved. This motion was seconded by Capt. Kipnis and upon being put to a vote, passed by a vote of 14-0 (Ms. Cantillo, Mr. Fuentes, Mr. Kimball, Dr. Leatherman, Ms. Liebman, Mr. Milian, Mr. Moss, Dr. Ravinet, Mr. Rodon, and Mr. Rodriguez were absent.)

IV. CCATF Administrative Issues  
a. Review and Approval of Sunset Review Questionnaire

Ms. Hefty noted that the Sunset Review process was an annual administrative procedure. She also noted the Sunset Review Questionnaire would be submitted to the Office of Strategic Business Management and then to the County Commission. She asked Task Force members to make any corrections to the questionnaire and attendance records for Task Force members between January 2007 and December 2008 as needed.

Mr. Olmedillo requested that the word, "no" be inserted before the word, "funding" in answer to question 4 on page one of the Sunset Review Questionnaire.

Dr. Parker requested, on page 2, under question 5, on the sixth line, that the beginning of the second sentence be changed from "Most Task Force Committees" to "Most committees of the Task Force."

Mr. Murphy noted that he attended one of the Intergovernmental Affairs Committee meetings, but was not a member of the Committee.

It was moved by Dr. Parker that the language of the Sunset Review Questionnaire and the attendance records for Task Force members between January 2007 and December 2008 be approved as amended. This motion was seconded by Mr. Ruvin and upon being put to a vote, passed by a vote of 16-0 (Ms. Cantillo, Mr. Fuentes, Mr. Kimball, Dr. Leatherman, Ms. Liebman, Mr. Milian, Dr. Ravinet, and Mr. Rodon were absent).

Mr. Ruvin welcomed the members of the public who were participating in this forum via Webcasting.

Ms. Hefty explained that a group of people in Key West asked that they be allowed to participate in this meeting via Webcasting in order to save time and prevent greenhouse gas emissions from commuting.

b. Required Ethics Training Course

Mr. Ruvin noted all task force members were required to complete a one and a half hour ethics training course, which could be provided at the next meeting if members agreed.

Ms. Hefty noted that an Ethics Training schedule was printed on the back of today's agenda. Mr. Ruvin noted that even if the training was provided at the next Task Force meeting, members could choose to attend a separate training session.

It was moved by Mr. Wanless that arrangements be made for Ethics Training to be provided at the next Climate Change Advisory Task Force meeting. This motion was seconded by Mr. Pettigrew and upon being put to a vote, passed by a vote of 16-0 (Ms. Cantillo, Mr. Fuentes, Mr. Kimball, Dr. Leatherman, Ms. Liebman, Mr. Milian, Dr. Ravinet, and Mr. Rodon were absent).

V. CCATF Committee Updates

a. Built Environment Adaptation (Chair, Elizabeth Plater-Zyberk)

Ms. Plater-Zyberk noted that the Built Environment Committee would meet this month and may focus on creating a list of issues and concerns raised in past subcommittee meetings to recap the lessons learned from various presentations to the Committee and to identify the issues the Committee needs to address regarding adaptation. Ms. Plater-Zyberk noted the Committee would submit this list to the Task Force.

Mr. Ruvin noted that the Task Force members would look to the Budget, Planning and Sustainability Committee for assistance in implementing the final recommendations.

Mr. Pettigrew initiated discussion regarding his suggestion that the Committee consider planning issues which were related to mitigation.

During discussion Mr. Ruvin suggested that joint meetings be held when more than one Committee or Subcommittee needed to address the same issue. He also suggested that subcommittee meeting agendas be submitted to Ms. Hefty for distribution before the meetings were held.

b. Natural Systems Adaptation (Vice-Chair, Alan Farago)

Mr. Farago noted that this Committee recommended rigorous implementation of baselines for natural systems and restoration of the Everglades, and suggested the Committee try to get a commitment for funding and human resources from the Administration in advance.

Mr. Ruvin noted the County Manager was engaging County agencies in these efforts.

Mr. McCrackine noted the County passed a resolution seeking full funding from the State and federal governments for the implementation of the Biscayne Bay Coastal Wetlands

and C-III projects which would provide freshwater to southern Biscayne Bay and help prevent saltwater intrusion caused by sea level rise.

In response to Mr. Murphy's inquiry regarding efforts concerning the integrated mapping of the County, Mr. Espinosa noted that DERM developed maps integrating on-ground topography and LIDAR topography under scenarios for one foot to four feet in sea level rise. He noted these maps were complete and available as of November 1, 2008, and would be updated as topographic information was released by South Florida Water Management District (SFWMD) and the Army Corps of Engineers.

Mr. Ruvin asked Mr. Espinosa to provide the maps in CD form to the Task Force.

Mr. Farago noted that tracking changes in the environment was time and resource intensive. He expressed concern regarding who would be able to perform tracking for the County government, and recommended that Task Force collaborate with DERM and federal agencies to monitor the changes.

Mr. Espinosa noted federal and State agencies should take the lead on tracking efforts.

Mr. Ruvin asked Mr. Farago to have members of his Committee work with DERM to clarify the findings and recommendations of the Committee and to identify funding to implement them. He also asked that Commissioners Sorenson and Seijas be invited to participate in these efforts.

Mr. Nimul spoke regarding discussion between the Office of Sustainability (OOS) and other County departments regarding how County departments would incorporate adaptation planning. He noted however, that the departments had not provided OOS with the specifics of how resources would be provided for planning.

Mr. Barry Heimlich, Senior Fellow at the Center for Urban and Environmental Solutions at Florida Atlantic University, noted that the Center's scientists had come to realize that tide effects and hydrology were important issues that needed to be addressed when dealing with flooding issues.

Mr. McCrackine noted that SFWMD had discussed the issues raised by Mr. Heimlich and agreed that they needed to be further explored.

c. Intergovernmental Affairs (Chair, Carolyn Dekle)

Mr. Bob Cambric, South Florida Regional Planning Council, noted Ms. Dekle apologized for being unable to attend today's meeting. He noted that surveys which had been performed by the League of Cities to determine local government involvement with climate change would be complete within approximately 30 days, along with the surveys' results. Mr. Cambric added that he or Ms. Dekle would notify Ms. Hefty when this information was ready. He also noted that South Florida Regional Planning Council

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would provide information regarding implementation of House Bill 697 from 2008 by the Florida the Department of Community Affairs (DCA) as requested by the Miami-Dade Planners' Technical Committee. He noted the bill addressed energy efficiency and greenhouse gases among other issues.

Mr. Murley noted that if Miami-Dade, Broward, and Palm Beach counties reached a mutual understanding regarding climate change, they could set a regional agenda and potentially receive federal and State funding for it.

d. Science (Chair, Hal Wanless)

Dr. Wanless introduced Dr. Randy Parkinson, whom he noted initiated a climate change initiative along Florida's Space Coast. Dr. Wanless asked Task Force members to speak with Dr. Parkinson regarding his questions and concerns regarding climate change.

Dr. Wanless noted he understood that the Light Detection and Ranging (LIDAR) mapping recommended by the Science Committee had been completed and the Committee intended for high resolution LIDAR data to be publicly available soon. Dr. Wanless spoke about projections for sea level rise which were obsolete and underestimated increase in carbon dioxide. He noted that at the next Science Committee meeting, the Committee hoped to discuss LIDAR mapping with DERM. Dr. Wanless explained the Committee members were hopeful that this discussion would enable them to decide how to proceed with the mapping.

Discussion ensued regarding LIDAR mapping and general versus detailed approaches to the Committee's mapping recommendations.

During discussion regarding probable causes of increased carbon dioxide, Mr. Ruvin suggested that changes in carbon dioxide as related to sea level rise be reflected in mapping.

Mr. Pettigrew noted that a representative of the SFWMD was willing to update the Task Force on SFWMD's efforts regarding climate change modeling.

Discussion ensued regarding contamination of the Biscayne Aquifer, costs related to Everglades restoration, costs associated with desalinization, and oxidation of peat in the Everglades.

Mr. Ruvin suggested that the foregoing subjects of discussion be addressed in the Science Committee.

e. Economic, Social & Health Adaptation Committee

Captain Dan Kipnis, Chair, Economic, Social & Health Adaptation Committee, noted this Committee recommended the following initiatives be submitted for approval:

- That the County implement a Public Education and Outreach program;
- that the Board of County Commissioners instruct the County Administration to endorse the Local Government Green Jobs Pledge and implement the five steps in that pledge;
- that the County implement a County Green Jobs program developed by the Office of Sustainability; and
- that the County develop ways to measure, track, and report the progress of the Green Jobs program.

Captain Kipnis clarified these recommendations would be brought as formal recommendations for the Task Force to adopt at the next Task Force meeting. He noted residents needed a realistic understanding of the impact of climate changes and how they could support these initiatives and participate in the efforts to reduce the rate of climate change. Captain Kipnis noted research indicated that people were concerned about climate change issues; however, they did not know the implications of climate change on South Florida. He suggested the County coordinate its efforts and partner with schools, colleges, non-governmental organizations, and firms specializing in public information campaigns, and begin this process by establishing clear goals and milestones for measuring the program's success, as well as a reporting mechanism for submitting regular reports to the County Commission on the status of the program and its accomplishments. Captain Kipnis noted the County had the resources to effectively implement the task force's recommendations.

Discussion ensued among Task Force members regarding concerns raised by members regarding the lack of progress made by the Task Force thus far.

Mr. Devesh Nirmul, Manager, Office of Sustainability, noted an effective Public Education and Outreach program should include a focus on behavioral change and thus must target people based on their individual interests. He clarified the role of the Office of Sustainability was to provide analysis on implementation of the County's environmental efforts, unless otherwise directed by the Mayor and the County Manager or by appropriate legislation.

f. Greenhouse Gas Reduction Committee

Mr. Richard Pettigrew, Chair, Greenhouse Gas Reduction Committee, noted the Committee had two subcommittees: 1) Energy and Green Buildings and 2) Alternative Fuels & Transportation.

1. Energy and Green Buildings Subcommittee (Chair, Jane Gilbert)

Ms. Gilbert presented the following recommendations to the Task Force:

- That the County government implement steps to reduce greenhouse gas (GHG) emissions annually by 2% from the 2005 base year for both County government and County-wide GHG emissions and
- that County governmental operations reduce electricity consumption by 20% no later than 2014.

Ms. Gilbert explained Recommendation #1 would help the County accomplish the intent of the Cool Counties Agreement that recommended greenhouse gas emissions be reduced 80% by 2050, greenhouse gas emissions be inventoried within County operations, and local, state, and federal leaders work together on programs that would reduce greenhouse gas emissions. She noted the County Manager needed to ensure the County allocated adequate resources to meet the greenhouse gas reductions goal. Ms. Gilbert further noted the County should establish a countywide alliance with municipalities, large corporations, and public and nonprofit institutions to have them commit to the Cool Counties Agreement greenhouse gas reduction goals. She explained Recommendation #2 supported a proposed resolution that would come before the Commission on March 3, 2009 (Legislative File No. 090098).

It was moved by Mr. Pettigrew that Recommendation #1 be adopted. This motion was seconded by Mr. Farago.

Dr. Hal Wanless questioned whether additional recommendations would be provided to help County government and the other entities in the County to meet the goal to reduce greenhouse gas emissions by 2% each year.

Ms. Gilbert noted each subcommittee had been analyzing ways to reduce greenhouse gas emissions through planning, existing building infrastructure, and education and outreach. She pointed out she would meet with the Water and Sewer Department and Florida Power and Light to discuss how the 2% reduction could be achieved.

Hearing no other questions or comments on the motion to adopt Recommendation #1, the Task Force proceeded to vote, and upon being put to a vote, passed by a vote of 16-0 (Ms. Cantillo, Ms. Dekle, Mr. Frankel, Mr. Kimball, Dr. Leatherman, Ms. Liebman, Mr. Milian, Dr. Ravinet, and Mr. Rodon were absent).

Responding to Ms. Elizabeth Plater-Zyberk's inquiry regarding the Task Force members seeing a copy of the resolution that Recommendation #2 supported, Chairman Ruvin noted he would email a copy of the resolution to each member of the Task Force.

Following comments by Mr. Terry Murphy, Executive Assistant, County Commission District 13, clarifying that the proposed climate change legislation sponsored by Commissioner Natasha Seijas was consistent with Recommendation #1; and that Recommendation #2 was expressed support of a proposal sponsored by Commissioner

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Katy Sorenson, Chairman Ruvin noted the County and the Task Force would have more work-to-do-even-after-these resolutions were adopted.

Dr. John Parker questioned whether Recommendation #1 was the Intergovernmental Affairs Committee's purview.

## 2. Alternative Fuels & Transportation Subcommittee (Chair, Jose Fuentes)

Mr. Fuentes suggested the following subcommittee recommendations be incorporated:

- That strategies be developed to reduce greenhouse gas emissions by taxicabs;
- that the Greater Miami Convention and Visitor's Bureau be encouraged to establish green taxis; and
- that incentives be provided to ensure the production of biodiesel fuels and fuel efficient vehicles.

Mr. Sean McCrackine noted the County Manager recommended that the County begin purchasing B5 (5% biodiesel) fuels by April 2009 and B20 (20% biodiesel) by April 2010.

### VI. Discussion of New Draft Recommendations

### VII. Update on Implementation of Accepted Recommendations

Mr. Devesh Nirmul, Manager, Office of Sustainability, noted the Office of Sustainability was responsible to mobilize the resources needed to implement this task force's recommendations along with those of the County Commission. He explained that reducing greenhouse gas emissions from a baseline year required the collection of data. He noted County departments to assume ownership of the greenhouse gas reduction goals. Mr. Nirmul pointed out the County would start tracking information on sustainability measures and provide it to the Office of Strategic Business Management. He explained the Homeless Trust was evaluating a transition housing program that would have an on site garden to train homeless people on this economic opportunity. Mr. Nirmul noted the County was selected to pilot a sustainability planning toolkit that would help other governments start sustainability efforts in their jurisdictions.

Chairman Ruvin questioned whether any additional municipalities besides Coral Gables were resisting the concept of green building codes.

Mr. McCrackine, responding to comments about municipalities resisting solar energy, noted the existing Florida Building Code, as it pertains to Miami-Dade County, had some internal conflicts that needed to be resolved. He also pointed out that each municipality had a building code official that was not familiar with solar applications and that the County's Building Code Compliance Office (BCCO) was working to provide guidance.

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Mr. Alan Farago requested Mr. McCrackine notify Task Force members of the next ~~public meeting between the Broward Code Compliance Office and the Miami-Dade Code Compliance Office.~~

Responding to Mr. Farago's inquiry regarding the Task Force liaising with the School Board of Miami-Dade County, Chairman Ruvin pointed out a School Board representative was on the Intergovernmental Affairs Committee.

Discussion ensued among Task Force members regarding the funding of green building upgrades and how building regulations may impact those upgrades.

VIII. Florida Energy & Climate Commission (FECC) Update (CCATF Vice-Chair, Jim Murley)

Mr. Ruvin noted that Mr. Murley was the new Chair of the FECC.

Mr. Murley provided a history of the FECC. He noted the FECC was approving grants which were previously funded by the State Department of Environmental Protection (DEP), performing research with the Florida Energy Systems Consortium, and working on policy with other State entities. Mr. Murley also spoke regarding FECC's involvement with the Florida's Public Service Commission's renewable energy portfolio, the Florida Department of Environmental Protection's cap-and-trade proposal, and the Environmental Regulatory Commission. He also noted that the FECC was responsible for moving forward recommendations contained in the Florida Action Team on Energy and Climate Change report.

Mr. Murley noted the process of funding approval on the federal government and local levels. He noted that Miami-Dade County would receive \$124 million in State energy program block grants this year. He provided a history of the new program authorized by the Energy Efficiency & Conservation Block Grant Act.

IX. Federal Funding Update

Mr. Eric Olafson, Assistant Director for the Office of Intergovernmental Affairs, provided an update on including funding provided by the federal economic stimulus package to State and local governments as related to climate change. He identified uses for the funds which he discussed with Mr. Nirmul. He noted the importance of lowering the County's carbon imprint, President Barack Obama's commitment to greening the economy, and opportunities to train people to install solar panels.

Mr. Olafson spoke regarding discussions he had with the County Manager and the Mayor regarding providing grant money to communities for the purpose of converting to cleaner or more efficient fuel use. He also spoke in support of the County collaborating with City of Miami and Broward and Monroe counties to reduce South Florida's carbon footprint. Mr. Olafson suggested that the County and Task Force work toward identifying proposed

projects, plans, and strategies to access and expend federal stimulus funds related to energy, the environment, and conservation as soon as possible, with a goal of having such list finished within 90 days.

In response to Mr. Ruvin's inquiry regarding whether federal funding could be allocated to adaptation efforts, Mr. Olafson noted that federal funding was allocated for housing energy retrofits. He also noted that while energy retrofitting was currently provided, retrofitting for storm mitigation such as installing storm proof windows, may be permitted as a part of this process. Mr. Olafson further noted funding was allocated for watershed infrastructure and state revolving funding was also available relative to sewer repairs.

Brief discussion ensued regarding the feasibility of addressing adaptation at the federal level.

Mr. Olafson agreed to submit to Mr. Ruvin a matrix of potential use of federal funding for climate change efforts for distribution to Task Force members. He noted he would submit the list to County departments as well. Mr. Ruvin suggested Mr. Olafson submit the matrix to the County Commission also.

Mr. Olafson also spoke regarding an upcoming global climate change/cap-and-trade bill as related to cap-and-trade. He suggested that money related to cap-and-trade be reinvested in local communities and that a list be created of projects which could be funded in relation to cap and trade.

X. Other Items for Discussion  
a. Committee Meeting Schedules

Chairman Ruvin asked that all committees and subcommittees be scheduled in advance and that all members be notified.

Ms. Nichole Hefty noted a monthly schedule of meeting dates and other specifics were emailed to Task Force members the first of each month. However, she noted she would appreciate input from Committee Chairs on how future Task Force meetings should be scheduled.

Chairman Ruvin noted all Task Force members would be provided the information on mapping as well as other available information.

b. Next CCATF Meeting Date

Chairman Ruvin noted he would send an email regarding the date of the next CCATF meeting.

XI. Public Comment

Chairman Ruvlin opened the meeting to public comment.

Mr. Evan Flugman noted the United States Department of Homeland Security was considering climate change issues. He questioned whether the Task Force would try to work with them.

Chairman Ruvlin noted the Intergovernmental Affairs Committee could contact the Transportation Security Administration (TSA).

Mr. Bob Cambric noted the South Florida Regional Planning Council had a staff member who was part of the Regional Security Network and who could try to get a TSA representative to the next Task Force meeting.

## XII. Adjourn

There being no other business to come before the Task Force, the meeting was adjourned at 4:35 p.m.

