

Broward County Climate Change Task Force (CCTF)

Meeting of August 20, 2009
Broward County Government Center West
2nd Floor Hearing Room
1 North University Drive
Plantation, FL 33324
1:30 P.M. – 4:30 P.M.

SUMMARY MINUTES

MEMBERS PRESENT

Chair Kristin Jacobs
Vice Chair Jared E. Moskowitz

Brion Blackwelder
Lois Bush
Isabel Cosio Carballo (alternate for Carolyn Dekle)
George Cavros
Michael Garretson
Dr. Patrick Gleason
Barry Heimlich
Tony Hui
Robert Kornahrens
Dylan Larson
Peg McPherson
Charlotte Mather
Jim Murley
Dr. Dorothy Payne (alternate for Robert Renken)
John Pisula
Major Larry Rogers
Peter Ross
Hector Samario
Lynn Shatas
Kim Shugar
Doug Young

County Staff

Dr. Jennifer Jurado
Dr. Nancy Gassman
Paul Krashefski
Lorraine Bertone
Patti Webster
Donald Burgess
Eric Myers

MEMBERS ABSENT

Carolyn Dekle
Dr. Colin Hughes
Roseann Minnet
Robert Renken

- I. Welcome and Statement of Meeting Objectives were presented by Chair Kristin Jacobs. The meeting was called to order at 1:32 PM.

II. Roll Call was made by Jaclynn Conner and a quorum was present.

III. The minutes of the June 18, 2009 meeting were approved.

IV. Results of August 5, 2009 Steering Committee Meeting
Commissioner Kristin Jacobs, Task Force Chair

Presentation of information relating to the scheduling of October 15, 2009 and February 18, 2010 meetings and discussion of results from the most recent Steering Committee meeting

- Amended Work Plan Timeline
- Adding additional meetings to work plan
- Preliminary Subcommittee proposed goals and actions
- Scheduling subcommittee presentations
- Proposed timeline for development of recommendations and submittal of draft Action Plan
- Draft table of contents for Task Force Climate Change Action Plan
- October 15, 2009 and February 18, 2010 will be added to the schedule for Climate Change Task Force meetings

Don Burgess reviewed the process by which recommendations will be reviewed, approved and developed into the Climate Change Action Plan.

V. Presentation

Demonstration of GIS Capabilities to Estimate Sea Level Rise Scenarios

Peter Ross, Deputy Director, Environmental Protection and Growth Management Department

Presentation included a summary of activities of staff in the Planning Services Division in support of activities of the Economic, Social and Health Issues Subcommittee. Primary points and information shared in the presentation included:

- Staff methodology – analyze how sea level rise scenarios impact flooding at high tide for Broward County’s coastal areas
- Use of Mean Higher High Water (MHHW), as the baseline condition defined by National Oceanic and Atmospheric Administration (NOAA), is the average of the higher high water height of each tidal day observed over time (1983-2001)
- Presentation of one, two and three foot sea level rise scenarios applied to MHHW and land elevations (determined by LiDAR) to identify areas at increasing risk of tidal flooding
- Consideration of salinity control structures along major canals limit tidal influences west of the structures. Analyses addressed areas east of the salinity control structures

- Identified areas of risk – West Lake Park area, Pond Apple Slough, Fort Lauderdale/Hollywood International Airport, Port Everglades, East Fort Lauderdale area, Eastern Pompano
- Anticipated direction of future studies:
 - Land uses and property values impacted by sea level rise scenarios and critical infrastructure impacted i.e. streets, water and wastewater, police and fire, government buildings, hospitals, etc.
 - Improved sea level elevation control points and data along the coastline
 - Improved groundwater modeling to better understand how sea level rise will impact flooding of low lying areas-southwest Broward
 - Rainy season scenarios

Barry Heimlich indicated that he would like to make a presentation on the impacts of climate change - on water resources at the October meeting.

VI. Subcommittee Chair Presentations on Proposed Goals and Actions

Presentations were delivered by the Chairs of Science and Technical, Natural Systems Adaptation and Greenhouse Gas Reductions Subcommittees.

Science and Technical Subcommittee – Dr. Patrick Gleason, Chair

Recommendations for this committee would be to add a best case scenario wish list so that we know where we are going and can demonstrate what we know, what we don't know and what needs to be done.

Natural Systems Adaptation Subcommittee – Kim Shugar, Chair

Recommendations for this committee would be to add the beach infrastructure, what will it cost, what species do we keep and how much can we do, migration of species, what to plant and how to plant, green roofs, and have Broward County partnership with other agencies to make the task less daunting.

Greenhouse Gas Reductions Subcommittee – Doug Young, Chair

Recommendations for this committee would be to increase opportunities for bike share programs, Florida friendly trees and the Nature Scape program.

Presentations of the proposed goals and actions are available on the Climate Change website <http://www.broward.org/climatechange/tentativemeetingsched.htm>

It was suggested that Greg Stuart, Director of the MPO, speak at a future meeting regarding the 2035 plan.

VII. Update – Regional Climate Leadership Summit – October 23, 2009

Dr. Jennifer Jurado, Director, Natural Resources Planning and Management Division

Presentation included an overview of the coordination activities being undertaken by staff and the general objectives of the Summit. Principle information included in the presentation is summarized below:

- Summit will be on October 23, 2009 – 8:30 am – 3:30 pm at the Broward County Convention Center, Fort Lauderdale
- To be a 4-County Summit hosted by the Broward County Board of County Commissioners
- Partner entities include Monroe County, Miami-Dade County and Palm Beach County
- Purpose is to bring together local elected officials and key figures in climate change initiatives to discuss the challenges for Southeast Florida
- Panelists will review current commitments, activities and accomplishments
- Presentations will serve to identify issues and constraints and present recommendations relating to regional mitigation and adaptation opportunities
- A principle goal is to develop a shared commitment to partner in a regional climate strategy
- The audience will include Local, State and Federal elected officials, local government administrators, members of County Climate Change Task Forces, Regional Planning Councils, MPO's, South Florida Water Management District, Governor's Staff and FECC members
- Attendance is limited to approximately 350
- Invited speakers include Carol Browner, Assistant to the President for Energy and Climate Change and Ron Sims, Deputy Secretary of US Department of Housing and Urban Development
- The summit will include an afternoon Press Event
- Morning panel discussions will include local government, climate activities to date (commitments, priorities, challenges) and Task Force Chairs, experience while serving (vulnerabilities, observations, needs, recommendations)
- Afternoon draft program includes breakout sessions with a regional focus on mitigation and adaptation
- A Wrap-up session will include discussion by elected spokespersons from each of the 4 counties to include the following themes: What can we agree upon? Where are there opportunities for collaborations? What are the critical aspects of regional strategy? How do we move forward?
- An overview of activities to date included: Secured commitments from leadership of partner Counties, developed budget and secured venue, developed draft program, distributed speaker invitations, completed letters of invitation (minus FECC, MPO's and Task Force Chairs), produced Save the Date card (ready for distribution), prepared sponsorship announcement, coordinating with Governor's Office, Kresge Foundation, and Climate Communities, receiving RSVP's
- Anticipated outcomes of the event include acknowledgement of regional vulnerabilities and need for coordinated action, development of common

legislative package and policy priorities relating to climate change, convening of Annual Southeast Florida Climate Leadership Summit, commitment of staff resources and expertise to shared climate change objectives

Chair Jacobs noted the Climate Community conference call will be Friday, August 21, 2009 at 2:00 pm and wanted to be sure that everyone is receiving the information pertaining to the call. The call focuses on the national aspect. If you call in, please be sure to hit the mute button.

Commissioner Lieberman is bringing the National Urban Caucus to Broward County on October 28, 29 and 30, 2009.

VIII. Florida Energy and Climate Commission Update

Jim Murley, Chair FEC

- September 29 and 30, 2009 – Florida Energy Climate Commission and the Florida Energy System will be meeting jointly in Tampa

IX. Next Month Meeting September 17, 2009 at Government Center West
1:30 pm – Subcommittees to Present Proposed Goals and Actions

Property Infrastructure/Built Environment Subcommittee

Renewable and Alternative Energy Subcommittee

Economic, Social and Health Subcommittee

Intergovernmental Affairs and Communications Subcommittee

X. The meeting adjourned at 5:02 pm.