

Climate Change Task Force
Natural Areas Adaptation Subcommittee

Meeting Minutes

February 17, 2009

I. Call to order

Kim Shugar called to order the regular meeting of the **Natural Areas Adaptation Subcommittee** at **2:10 PM** on **February 17, 2009** in **Government Center West**.

II. Roll call

Courtney Carlton conducted a roll call. The following persons were present:

Kim Shugar
Greg Phillips
Michael Housman
Diana Guidry
Dick Dodge
Lou Fisher
Nancy Gassman
Ken Banks
Leonard Vialpando
Colin Hughes
Linda Sunderland
Donald Burgess
Carol Morgenstern
Toni Edwards

III. Approval of minutes from last meeting

N/A

IV. Develop critical issues for subcommittee focus

- a) Review Current Brainstorming List
 1. Water Resource Management
 2. Address impacts on coastal systems to include beaches and reefs
 3. Address Impact on Everglades Restoration
- b) Discuss Other Options

Members suggested the following focal areas:

 1. Coastal Items (reefs/marine)
 - Look at impacts from acidification, temperature, sand coverage and salinity change. Need to minimize stressors and pollutants
 2. Invasive pests/plants-This is a larger issue and exists regardless of climate change. Invasive need to be managed to preserve native species.
 3. Values of Natural Areas

- Aquifer recharge
 - Education/Recreation/Tourism
 - Biological Communities
 - Coastal Protection (reefs, sand)
4. Monitoring
 - Inventory of existing monitoring
 - Look at natural areas and monitor, retreat and natural communities' shift, so key areas can be protected. Need to look at where the communities can go, if we want to keep them.
 - Look at National Park Service Monitoring – Vital Signs
<http://science.nature.nps.gov/im/>
 5. Restoration of Natural Areas
 6. Water Table and Saltwater Intrusion-water quality , flood protection
 - Water quality
 - Flood protection
 7. Maintain Natural Areas-County will provide a map of the natural areas, including offshore resources
 8. Modeling to evaluate what can be saved
 9. Adaptation for organisms
 - Make landscapes for hospitable to allow for adaptation
 10. Everglades
 11. Urban Landscape
 - Tree ordinances
 - A NatureScape map with certified yards will be provided at the next meeting.
 12. Public outreach component of importance of natural areas

* All members are asked to think about additional focal areas. Committee members are being asked to send suggestions to Courtney. Please do not send suggestions to the entire group. At the next meeting, the group will need to select 3-5 areas that we will develop recommendations for the Broward Climate Change Initiative.

V. **Potential Presentations**

- Saltwater Intrusion presentation to be provided by the county.
- Potential sea level rise scenarios

VI. **Adjournment**

Kim Shugar adjourned the meeting at **3:45 PM**.

Minutes submitted by: Courtney Carlton

Minutes approved by: Kim Shugar