

# **NATURAL SYSTEMS ADAPTATION SUBCOMMITTEE**

Presentation to the Broward County  
Climate Change Task Force  
March 19, 2009

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# **MISSION STATEMENT:**

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To provide the Task Force with recommendations for adaptation and adaptive management of natural systems to predicted climate impacts. These systems include, but are not limited to: land and marine ecosystems, native species, beaches and parklands, water supplies, agricultural lands and other natural resource systems. The Subcommittee will develop standards and strategies for natural system “resiliency,” prevention of adverse consequences and response and recovery from future conditions and events. The Subcommittee will identify effective tools for natural systems adaptation: goals, policies, programs, funding and measures of progress and success.

# **FOCAL POINTS:**

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**Support Everglades Restoration Program (CERP) and other regional restoration initiatives**

# **FOCAL POINTS:**

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**Determine environmental resources/natural systems that can be saved and evaluate strategies to make landscapes more hospitable for adaptations**

- + Values of natural systems (includes land and marine)**
- + Exotic and nuisance species management**
- + Urban landscape**
- + Connectiveness of natural areas**
- + Modeling may be needed**

# **FOCAL POINTS:**

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**Review current stormwater management practices as it relates to impacts on natural systems**

- + Evaluate impacts of saltwater intrusion**
- + Changes in the groundwater table**
- + Precipitation changes**
- + Available water**
- + Areas of inundation**

# **FOCAL POINTS:**

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**Develop a “vital signs” monitoring program**

- + Following model of the National Park Service**
- + Long-term data to track changes and provide information to make decisions as climate change progresses**