



Florida
Climate Institute

Building a sustainable future through research, teaching & outreach

Climate Information for Managing Risks-II

James W. Jones

Director, FCI

www.FloridaClimateInstitute.org

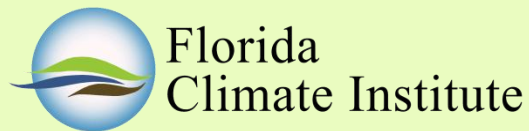


A Short History of the FCI

Over 10 Years of Cooperation – SECC

Success in Agricultural Applications

CIMR – 2008



A Guiding Question

- What should universities be doing now to develop research, teaching, and extension programs that will meet stakeholder needs for climate information and technology options over the next 20 to 30 years?



Please join us for the

Florida Climate Institute K I C K O F F

Keynote Speakers • Special Guests • Poster Session • Reception

Date

Tuesday, November 16, 2010

Time

2:00pm – 7:00pm

Location

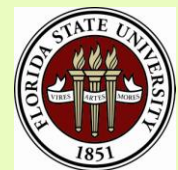
FSU Alumni Center
1030 W. Tennessee Street
Tallahassee, FL

Registration Information

Please register by October 1 at
www.coaps.fsu.edu/fcickoff

Contact

fcickoff@coaps.fsu.edu



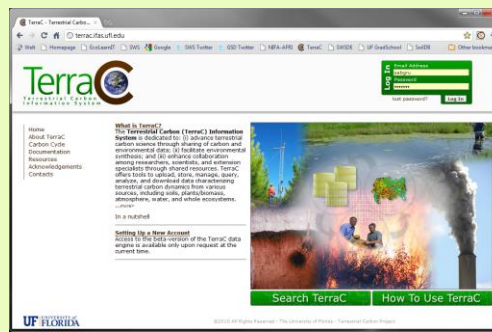
Motivation for the FCI

- Address the complex issues and challenges associated with climate change, climate variability, sea level rise
- Target science to inform decision and policy responses



Motivation for the FCI

- Targeting Science Opportunities
 - Climate or sector-driven science questions
 - New technologies, education
 - Regional, national, international opportunities
- Targeting societal needs (state & regional)
 - Engagement with Floridians, Florida issues (FCI)
 - Regional (SECC, others in & affiliated with FCI)
 - Research, extension, education, service



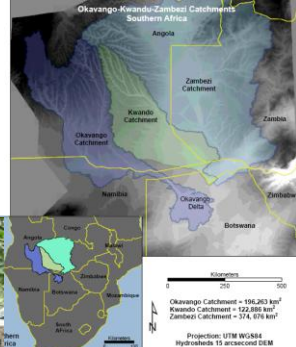
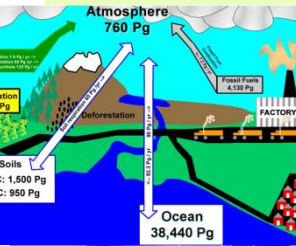
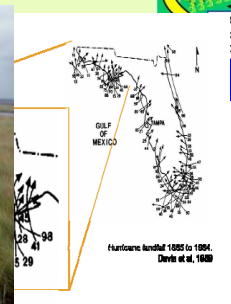
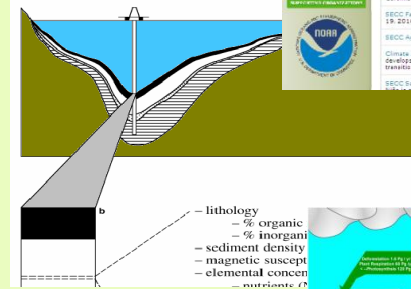
Mechanisms

- Interdisciplinary proposals written to federal agencies (research and education)
- Stakeholder climate working groups (involving scientists, agencies, private sector) to co-learn about issues, solutions
- Technical working groups (or task forces) to respond to stakeholder needs
- Other FCI activities (symposia, seminars, etc.)



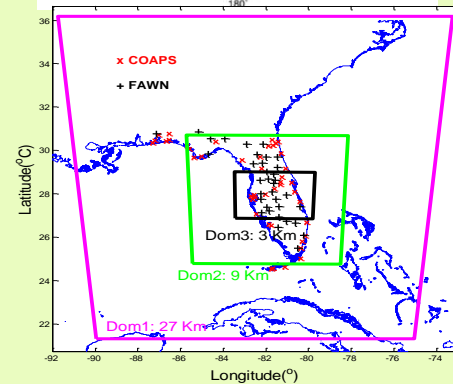
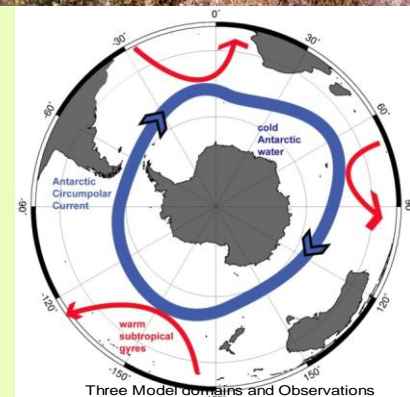
Examples of Ongoing Projects

- Open-source climate information & decision support for **agriculture & food production**
- Inferring **paleoclimate** from lake sediments
- Carbon sequestration: **Terrestrial Carbon** information system
- Analysis of sedimentary data to **create paleo records of hurricane landfalls in Florida**
- Predicting impacts of climate variability & change on **land use/land cover change in Southern Africa**



Examples of Ongoing Projects

- Southern Pine Forests: **Mapping climate solutions for adaptation and mitigation**
- **Ocean circulation and Antarctic ice sheet** development
- Climate Change and Food Security: **AgMIP**
- **Regional Integrated Science Assessment (SECC)**



Scope

- Meet state needs, engage Floridians
- Local to regional research and education projects
- State and regional climate change assessment
- International research, education projects



Welcome from the Florida Climate Institute

