

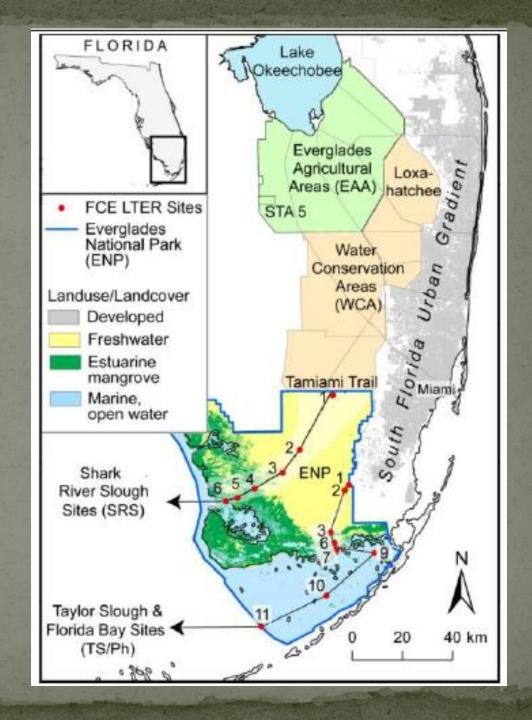
## Florida Coastal Everglades Long Term Ecological Research



# Graduate Student Research on Wetland Complexity in the Florida Coastal Everglades

INTECOL/GEER 2012 Session Tuesday, June 5 1:30-3pm/3:30-5pm

## FCE Site Map



### Presenters

Session One: 1:30-3pm

- Ross Boucek, FCE PhD Student, FIU
- Kristie Wendelberger, FCE PhD Candidate, FIU
- Mehrnoosh Mahmoudi, FCE PhD Candidate, FIU
- David Lagomasino, FCE PhD Candidate, FIU

Session Two: 3:30-5pm

- Rebecca Garvoille, FCE PhD Candidate, FIU
- Carrie Rebenack, FCE PhD Candidate, FIU
- Lisa Chambers, FCE PhD Candidate, UF
- Panel Discussion w/ Dr. Evelyn Gaiser, FCE LTER PI

# U.S. LTER Network



### FCE III: 2012-2018

• FCE III examines how climate change and resource management decisions interact to influence freshwater availability, ecosystem dynamics, and the value and utilization of ecosystem services by people in the Florida Coastal Everglades.

Regional Climate Modulation

Regional Water Management and Land Use

Global

Socioeconomic

Change

#### **LOCAL RESPONSES**

**Everglades Coastal Gradient** 

2 Geochemistry Organic Matter

Carbon Cycle

**Primary** Production

Consumers

Socio-ecological feedbacks

**South Florida Urban Gradient** 

Resource Demand, Use, Stewardship and

**Management Decisions** 

#### **FCE III LTER Goals:**

**Water** 

2 Carbon

**3** 

Scenarios

MARINE WATER SUPPLY

1

FRESH WATER

SUPPLY