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Florida Coastal Everglades - United States of America

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Basic Information

- [LTER ?](#)

Site Name : Florida Coastal Everglades

Site Code : FCE

Web Address: [FCE LTER Website](#)

Country (Site Location):

United States of America

LTER National Network:

United States (US LTER)

Parent Site Name:

[Florida Coastal Everglades - United States of America](#)

Subsite Name(s):

[Shark River Slough - United States of America](#)

[Taylor Slough/Panhandle - United States of America](#)

Contact: Site Manager: [Mike Rugge](#)

Keywords originating from EnvEurope

Thesaurus:

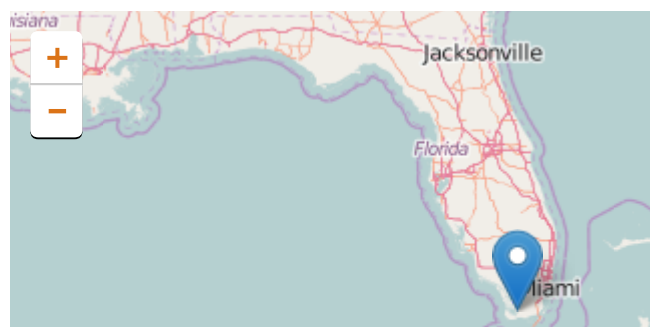
fires hurricanes food webs biogeochemical processes carbon cycling mangroves Lagoons, coastal wetlands and estuaries

General Site Description:

Photos



Geographic

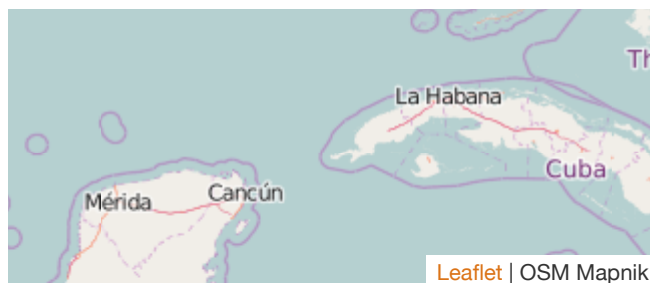


The majority of Florida Coastal Everglades LTER sites are located in freshwater marsh, estuarine mangroves, seagrass estuary ecosystems in Everglades National Park. Everglades National Park covers approximately 4300 km² of south Florida and is part of the greater Everglades ecosystem which extends north to Lake Okeechobee and the Kissimmee River.

Metadata Update Date:

Wednesday, June 29, 2016

UUID: e3c6768b-ae4b-4069-aecb-7385438af452



Coordinates:

POINT (-80.893056 25.286389)

Upload Shapefile:

 [enp_boundary_line.zip](#)

General Characteristics, Purpose, History

Site Status: existing

Year Established: 2 000

Size : 430 000.00ha

Purpose of Site :

Our research focuses on understanding ecosystem processes along the two major drainage basins in Everglades National Park: Shark River Slough and Taylor Slough. We are particularly interested in the dynamics at the estuarine ecotone, where freshwater and estuarine wetlands meet. This ecotone is dynamic in the landscape in response to changing freshwater inflow (with Everglades restoration), sea level rise (climate change responses), and disturbance (particularly hurricanes and fire).

Research Topics:

chemistry water chemistry ecology aquatic ecology wetland ecology geology biogeochemistry history land use history hydrology meteorology climatology climate change

Parameters:

atmospheric
measure precipitation rain weather ecosystem
measure above ground net primary
production biogeochemical cycles disturbance
property fire severity hurricane damage global

change water measure hydrological properties

Site Details

Ecosystem and Environmental Characteristics

Elevation Range FROM: 0.00msl

Elevation Range TO: 8.00msl

Temperature Range (Monthly Minimum) FROM: 13.60°C

Temperature Range (Monthly Maximum) TO : 32.40°C

Temperature: Average Annual: 28.96°C

Precipitation Minimum Monthly : 199.90mm

Precipitation Annual : 1 159.40mm

Precipitation Maximum Monthly : 42.40mm

ILTER Biome : Coastal

GEO-BON Biome: Coastal

Ecosystem and Land Use: Coastal

Network Affiliation

Declaration Status requested by site holder: Formal LTER/LTSER

Accreditation Status by IILTER (Read only): Accredited formal LTER Site/ LTSER Platform

Site Type (Spatial Design): Platform

Site Classification/Category : Master

Short name : FCE

Protection Status and Resource Management

Protection Program Cover:

0 - 25%

Design and Scale of Site

Scale of Observation: plot without link to explicit catchment

Design of Observation: mainly observation

Scale of Experiments: plot scale

Infrastructure

Value of the Infrastructure : 50-100 k

Accessible All Year : Yes

All parts of Site Accessible: No

Access Type: boat

Permanent Power Supply: No

Operation

Operations Cost: >500 k

Permanent Operation: Yes

Data Management

Data Storage Location : Central

Number of data storage locations : 2

Data Storage Format : Spatial data file (GIS)

Structured file or spreadsheet

Data services : Data portal

Data Request Format : Online (Reference for access)