James Beerens
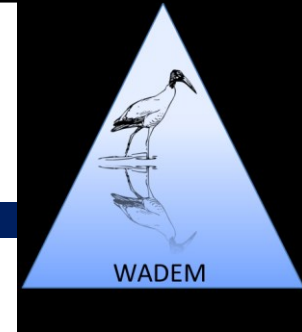
- **Position**
  - Ecologist, USGS (FAU Alumnus!)
- **Research Interests**
  - Defining wildlife habitat – modeling habitat selection, occurrence, reproduction
  - Evaluating and assessing Everglades restoration
  - Developing conservation strategies for species sensitive to anthropogenically-disturbed landscapes
- **Why Florida?**
  - Biodiversity. Human conflicts for land use.

Interests!

- Backpacking

- Yoga

Beerens Research Projects

WADEM

<u>W</u>ADER <u>D</u>ISTRIBUTION <u>E</u>VALUATION <u>M</u>ODELING (E. Noonburg and D. Gawlik)

❑ Modeling of wading bird indicator species to support Everglades restoration (CEPP & climate change scenarios, real-time assessment)

MULTI-SPECIES MANAGEMENT DST (L. Pearlstine, M. McKelvy, and S. Romañach)

❑ Forecasting Everglades Depth Estimation Network (EDEN) scenarios

❑ Integrating ~14 species and landscape responses to hydrologic change to comprehensively evaluate restoration planning, assess restoration success, and inform real-time water management

AVIAN RESPONSES TO HURRICANE SANDY (S. Romañach)

❑ Determining impacts to coastal habitat of avian communities following Hurricane Sandy.

IMPERILED SPECIES HABITAT SUITABILITY MODELS (M. Barrett and M. Cook)

❑ Developing habitat suitability models to guide management of Florida's imperiled species (avian, mammals, herps)