

# Mark Zucker



- Position
  - ▣ **Supervisory Physical Scientist, USGS**
- Research Interests
  - ▣ **Coastal monitoring networks**
  - ▣ **Continuous water quality monitoring**
  - ▣ **Everglades restoration (Florida Bay)**
- Why Florida...
  - ▣ **...it's a long story...**

# Data Program and Projects

## Long-Term Coastal Monitoring Networks

- Coastal Gradients of Flow, Salinity, and Nutrients
- Freshwater Flows to Northeastern Florida Bay
- Hydrologic Monitoring in Joe Bay

## Continuous Water Quality and Surrogates

- Sediment Transport and Saline Intrusion of Cape Sable, ENP

## Short-Term Projects

- Hydrological Conditions of Mangrove Lakes Region of ENP
- Establishment of benchmarks and elevation in the North American Datum of 1988



Real-time monitoring station at Taylor River Mouth, ENP, 1996-2015.