



- Position
  - ▣ **Research Hydrologist, USGS**
- Research Interests
  - ▣ **Effects of Sea-Level Rise on Coastal Hydrology & Ecology**
  - ▣ **Modeling Surface-Water/Groundwater Interactions**
  - ▣ **Statistical Analysis of Hydrologic Parameters and Methodology for Determining Field Parameters**
- Why Florida...
  - ▣ **I came for the warmth, stayed for the research**

# Hydrologic Insight through Modeling

- Coupled hydrodynamic surface-water/groundwater model development in south Florida lends insight into the effects of water management, climate, and landscape changes on hydrology and ecology
- Linking hydrologic and ecological models allows the examination of various potential scenarios
- Development of more accurate model parameters is accomplished by a combination of field studies, stochastic techniques, and model experimentation

