

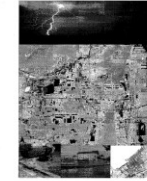


- Position
 - ▣ **Associate Professor, Civil, Environmental and Geomatics Engineering, FAU**
- Research Interests
 - ▣ **Water resources, infrastructure vulnerability and management**
- Why Florida...
 - ▣ **Ground zero for many of our problems (and it is not snowing)**

Bloetscher Research

- Southeast Florida's Resilient Water Resources and other impacts of Climate Changes (Nat. Energy Policy Committee)
- Development of a Methodology for Assessment and Mitigation of SLR impacts on Florida's Transportation Network (FDOT)
- SLR Vulnerability Assessment - City of Miami Beach
- FWHA Pilot Study – Tampa Bay
- Storm Water Research and Vulnerability Planning (Davie)
- Storm water Master Planning and Vulnerability Assessment (West Palm Beach)
- Indirect Potable Reuse RO Study (Pines)
- Membrane Recovery (World's first LEED Gold Water Plant)

DEVELOPMENT OF A METHODOLOGY FOR THE ASSESSMENT OF SEA LEVEL RISE IMPACTS ON FLORIDA'S TRANSPORTATION NETWORK AND INFRASTRUCTURE
(Institute of Health, Hydrobiology, Zoology, and Plant Science (IHZ) / Institute for Coastal Area Planning and Urban Design)

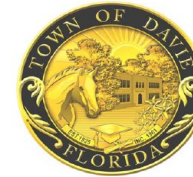


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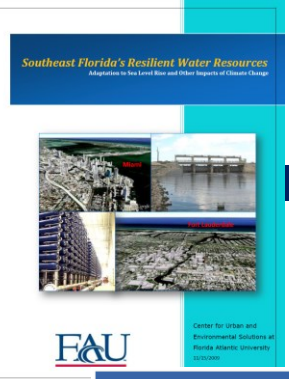
PROVIDED BY
FLORIDA DEPARTMENT OF
TRANSPORTATION



FRAMEWORK FOR A CLIMATE CHANGE PREPAREDNESS
RESEARCH AND PLANNING PROGRAM
IN MIAMI BEACH, FLORIDA



CITY OF DAVIE, FLORIDA



Groundwater Elevation Monitoring and Mapping
Six Monitoring Stations throughout Miami Beach
E Sciences Project Number 7-0002-005
April 2014



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