#### UF Herbert Wertheim College of Engineering UNIVERSITY of FLORIDA

# **ENGINEERING SCHOOL OF SUSTAINABLE INFRASTRUCTURE & ENVIRONMENT**



### **RESEARCH AREAS**

Air Resources

Coastal & Oceanographic Engineering

- Coastal Ecosystem Dynamics
- Engineering Education
- Environmental Nanotechnology
- Geosystems Engineering
- Materials & Pavements
- New Infrastructure Planning & Management
- Structural Engineering
- Sustainable Construction Engineering
- Sustainable Materials
  Management
- Systems Ecology & Ecological Engineering
- Transportation Engineering
- Water Systems

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Kirk Hatfield, Ph.D. DIRECTOR, ENGINEERING SCHOOL OF SUSTAINABLE INFRASTRUCTURE & ENVIRONMENT (ESSIE)

The Engineering School of Sustainable Infrastructure & Environment (ESSIE) continues to improve and advance sustainability through a nexus of the civil, coastal, environmental and oceanographic programs.

ESSIE is comprised of the **Department of Civil and Coastal** Engineering and the **Department of Environmental** Engineering Sciences.

The School offers comprehensive, innovative undergraduate and graduate programs. Instilling excellence in research, leadership, innovation, and entrepreneurship are ESSIE's highest priorities. A growing number of undergraduate and graduate students participate in a college-wide initiative

to associate training in entrepreneurship, innovation, and leadership skills in engineering.

ESSIE is uniquely prominent in its ability to address the new research on coastal, environmental, infrastructure and community needs. No other institution offers a suite of academic and research programs or synthesizes and combines all of the unique qualifications.



in the nation in undergraduate **Environmental Engineering Programs** among public institutions



in the nation in graduate Environmental Engineering Programs among public universities



in the nation in graduate **Civil Engineering Programs** among public universities



of the nation's newly licensed Professional Civil Engineers (PE) were CE graduates

10%

of the nation's newly licensed Professional Environmental Engineers (PE) were EES graduates

in the nation in undergraduate **Civil Engineering Programs** among public institutions

As of March 2020, information sourced (from top left): 2021 U.S. News & World Report; Departmental Resources; 2020 U.S. News & World Report



## ENGINEERING SCHOOL OF SUSTAINABLE INFRASTRUCTURE & ENVIRONMENT



#### CIVIL AND COASTAL ENGINEERING AREAS OF STUDY

- Coastal & Oceanographic
- Coastal Ecosystem Dynamics
- Engineering Education Collaborative
- Geosystems Engineering
- Materials & Pavements
- New Infrastructure Planning & Management
- Structural Engineering
- Sustainable Construction
  Engineering
- Transportation Engineering
- Water Systems

#### ENVIRONMENTAL ENGINEERING SCIENCES

**AREAS OF STUDY** 

- Air Resources
- Engineering Education Collaborative
- Environmental Nanotechnology
- Sustainable Materials Management
- Systems Ecology & Ecological Engineering \_\_\_\_\_\_
- Water Systems

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### **ESSIE BY THE NUMBERS**



As of October 2019, information sourced from Departmental Resources