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DIRECTOR,
ENGINEERING SCHOOL OF
SUSTAINABLE INFRASTRUCTURE &
ENVIRONMENT

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 & Coastal Engineering and the Department of Environmental Engineering Sciences.

The School offers comprehensive, innovative undergraduate and graduate programs. Instilling excellence in research, leadership

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.

RESEARCH AREAS

AIR RESOURCES

COASTAL & OCEANOGRAPHIC
ENGINEERING

COASTAL ECOSYSTEM DYNAMICS

ENGINEERING EDUCATION

ENVIRONMENTAL NANOTECHNOLOGY

GEOSYSTEMS ENGINEERING

MATERIALS & PAVEMENTS

NEW INFRASTRUCTURE PLANNING

STRUCTURAL ENGINEERING

SUSTAINABLE CONSTRUCTION
ENGINEERING

SUSTAINABLE MATERIALS MANAGEMENT

SYSTEMS ECOLOGY & ECOLOGICAL
ENGINEERING

TRANSPORTATION ENGINEERING

WATER SYSTEMS

#4

**PUBLIC
UNIVERSITY**
FORBES, 2024

FACTS & FIGURES

975+

ENROLLED STUDENTS

UNDERGRADUATE STUDENTS

59%

UNDERREPRESENTED
GROUPS

41%

WOMEN

GRADUATE STUDENTS

55%

UNDERREPRESENTED
GROUPS

47%

WOMEN

16

CAREER AWARD
WINNERS
(2019-2024)

67

FACULTY

168

RESEARCH
PROPOSALS

\$20.6M

RESEARCH
EXPENDITURES

\$20.3M

RESEARCH
AWARDS



FOR **1%** OF ALL CIVIL GRADUATES NATIONWIDE, WE PRODUCE **1.4%** TO **1.7%** OF THE LICENSED CIVIL ENGINEERS IN THE U.S.



ESSIE IS RESPONSIBLE FOR **5% TO 7%** OF THE LICENSED ENVIRONMENTAL ENGINEERS IN THE NATION.