CENTRE FOR GEOTECHNICAL AND COASTAL ENGINEERING

RESEARCH (CGCER)
UNIVERSITY OF PORT HARCOURT
ANNUAL REPORT 2022

1. INTRODUCTION
The Centre for Geotechnical and Coastal Engineering Research is one of the Centres domicile in
Civil Engineering Department since 2012. The University Senate at its 367 th meeting held on the
29 th September 2010, approved three professional programmes for CGCER with Prof. Samuel
Ejezie as the pioneer Director. The programmes are:
ϖ M.Sc. Geotechnical and Coastal Engineering
ϖ M.Sc. Coastal Technology Management
ϖ PGD Geotechnical and Coastal Engineering
The University Senate also at its 399 th meeting held on the 25 th September, 2022 approved the
following PhD programmes for the Centre:
ϖ PhD in Geotechnical and Coastal Engineering
ϖ PhD in Coastal Technology Management

Our Post-graduate programmes are industry-driven and are run in collaboration with Oil and Gas
Companies within the Niger Delta. In addition, students at CGCER are positioned to obtain
recognized professional certificates. These Certificates in Geotechnical and Coastal Engineering
as well as Coastal Technology Management programme has been designed to provide practicing
engineers, Academics and Researchers with the advanced Geotechnical and Coastal engineering
knowledge and skills required to solve up surging problems.

2. ACTIVITIES
Our activities include teaching, research, industry collaborations and industrial trainings.

3. ACHIEVEMENTS
A. Students’ Graduation Success
The Centre has graduated the first batch of PGD students, and is at the verge of graduating
the first and second batch of students in master in geotechnical and coastal engineering and
coastal technology management respectively.

B. Relocation of the Classrooms and Administrative Office of the Centre to a more
comfortable place:
The Centre was moved from its former location at the ETF building to a more comfortable
place at the Ground floor, left wing of the Civil Engineering Building. The current location
has two (2) classrooms, One (1) board room, Four (4) offices and a conducive convenience
for students, staff and lecturers.

Former Location of the Centre Current Location

Picture showing CGCER Boardroom/PhD Classroom

Picture showing M.Sc Classroom

C. Development of a modern Website/Portal
We have also developed a portal to improve our visibility and help market the Centre, we
got approval to develop a standard website to showcase our Centre and manage online
admission/administration.

E. Executive Approval for Doctorate Programmes by the Vice Chancellor
We secured an executive approval of doctorate programmes by the incumbent vice
chancellor. Also, we set up a standard classroom/boardroom with Virtual video
conferencing equipment to aid online learning.

4. RESEARCH AND PUBLICATIONS
All research works concluded at the Centre will be published in high impact/Scopus index
journals.

5. CHALLENGES
One of the key challenges of the centre is funding. The Centre is currently working on industry
collaboration to improve funding. Publicity is also one of the key challenges in the centre, we are
currently working with ICTC to improve our visibility within and outside the country. Other
challenges include adequate space for teaching, research and conducive learning.

6. RECOMMENDATIONS
ϖ We recommend Setting up and equipping the classes with more sophisticated equipment
for a standard Geotechnical engineering Research.
ϖ Organizing workshops and legacy lectures on new trends advancement and development
in geotechnical engineering.
ϖ Conducting applied research in Geotechnical and offshore engineering.
ϖ Organizing continued education on short courses in coastal technology and in
geotechnical and coastal engineering.

7. CONCLUSION
We are working towards getting relevant industry affiliations and resourceful partnerships to
enable to us get counterpart funding for us to erect a befitting building for the Centre at any
approved site by the University Management.

Thank you.
Dr. Temple C. Nwofor
Ag. Director, CGCER