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