




NMOR STANLEY IFEANYI

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Research Interest

I am interested in Biological Oceanography, especially on aspect of ocean dynamics and biogeochemical processes. I leverage on existing tools and data to gain insight on the working mechanism that underlay the functioning of marine ecological system using both operational and modelling approach. I also have desire for scientific computing with marine application.

Education

INTERNATIONAL MASTER'S IN MARINE BIOLOGICAL RESOURCES (IMBRSea) (2019 – 2020)

Under the EU+ Joint master Programme, International Master's in Marine Biological resources (IMBRSea), I will obtain a diplomat co-signed by all 9 consortium University. Courses taken at:

Sorbonne University, France

- Oceanographic concepts and practices, Numerical modelling and advanced statistics (*Observatoire océanologique de Banyuls-sur-Mer, Observatoire Oceanologique de Villefranche*)

Ghent University, Belgium

- Fundamentals in Marine ecology, Experimental marine biology

UNIVERSITY OF LAGOS, NIGERIA

2012 - 2016

First Class BSc. (Honours) Marine Biology

BSc thesis Dissertation on “Seasonality and drivers of primary productivity in Lagos Lagoon, Nigeria”

Work Experience

Thesis research

Modelling the contribution of Microphytobenthos in Sediment biogeochemistry

Royal Netherlands Institute of Sea Research (NIOZ)

January 2020 - Till Date

- Developing numerical model to investigate the contribution of microphytobenthos to sediment biogeochemical cycle.
- Coupling highly resolved biological process to highly resolved biogeochemical elemental transformation in the sediment.

Summer school research

July 29th, 2019 – August 10th, 2019

Revisiting Pearson-Rosenburg conceptual model (PRCM) for an undefined OM gradient in Tjarnö bay

Sven Lovén Centre For Marine Infrastructure, Tjarno, Sweden

- Conducted a ten days short research on assessing the utilities of PRCM on macrofauna benthic community composition and distribution in relation to environmental variables in Tjarno Bay

Research Intern

Investigating Coral Community Change and Potential Recovery Following Mass Coral Bleaching and Mortality Event: Chagos Archipelagos case study

University of Oxford, United Kingdom

April 2019 – June 2019

- Involved in project investigating the response of coral communities after episodic external disturbances
- Perform statistical data analysis of the processed data
- Developed customized web application for identification of coral species (<https://stanlee.shinyapps.io/Coralipedia/>)

Graduate Trainee

University of Lagos, Nigeria

2017 – 2018

- Analysis of marine data for Journal publication
- Assist doctoral students in data processing and spatial data analysis

Environmental Officer

Hexon Environmental and Engineering Consultant, LTD, Nigeria

(2016 – 2017)

- Involved in Environmental impact assessment (EIA) project for PZ Cussons Nigeria
- Data analysis and scientific reporting/communication

Awards and Honours

- **Erasmus Mundus EU+ Scholarship**
- **Second Best Graduating** of Department of Marine science, University of Lagos, Nigeria
- **OneEarth Travel Grant** – IMBER FutureOcean2 Conference 2019
- **OVH Third Prize** for creation of open access oil-detection API – EMODNET Opensea Lab Hackathon, Ghent, 2019

Conferences

Gave a talk titled “*Can Diatoms survive low silicate condition*” – a subset of my undergraduate thesis - at the “Ecological feedback in marine system session” at **IMBeR FutureOcean2 2019**, in Brest France.

Publication

Onyema, I. C, Nmor, S. I. Agboola, J. I. Estimate of water Discharge and Nutrient Fluxes from Ogun River on Chlorophyll a Dynamics in Lagos Lagoon, Nigeria. *Nigeria Journal of fisheries and Aquaculture* 5(2) ISSN-2350-1537

Technical Skills

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|---|-------------------------------------|
| • Advanced programming skills in R for data science | • HTML for web development |
| • Python programming for software development | • Basic Java-script knowledge |
| | • QGIS for spatial statistics |
| | • Markdown for scientific reporting |