

Water First! “Workshop for African Women in Water Research”
Virtual Meeting: 20 and 27 July, 10 and 17 August 2021



Name: **Juliet Kelechi IGBO**

Current employer: Nigerian Institute for Oceanography and Marine Research, Lagos

Appointment title: Chief Research Officer

Mentor: Prof. Lucian O. Chukwu and Prof. Judith Zelikoff

Email: igbojulie@yahoo.com

Country: Nigeria

Area of Research/Teaching

Marine Biology with more than twelve years' experience in technical and policy contributions as a researcher with special interest in biomonitoring, ecotoxicology, marine pollution management and coastal ecosystem health. Served as a member of a research team for the survey of living resources of the Nigerian Coastal Waters, involved in the continuous biomonitoring of the barrier Lagoon Complex and the Transgressive Mud Coast of the Southwest, Nigeria and beach cleaning exercises. Worked as a principal investigator in a just concluded departmental project on 'Acute Toxicity and Gene Responses Induced by Untreated Effluent from a Printing Industry on *Oreochromis niloticus*. Recently involved in an on-going project on the "Assessment of Persistent Organic Pollutants (PAHs and PCBs) Levels in the Gulf of Guinea (Nigerian Territorial Waters) in my Institute. The above studies have provided relevant field data that have been used by government agencies, researchers, private firms and other relevant stakeholder for sustainable environmental management in the Nigerian coastal waters

Biography

PhD in Marine Biology (2016), M.Sc. in Marine Pollution and Management and Environmental Resources Management respectively from the University of Lagos (2010) and the Lagos State University (2000) and B.Sc. degree in Agricultural Science Education from the University of Calabar, Nigeria. My research focus was sharpened in the Department of Environmental Medicine, New York University, Tuxedo, where the laboratory work and the concluding part of my doctoral degree research work titled "Environmental Contamination and Toxicological Assessment of Heavy Metals and Persistent Organic Pollutants from E-waste Dumpsites in Southwest, Nigeria was undertaken. My research contributions/findings in Ecotoxicology, Marine Pollution and Management and Coastal Ecosystem Health have been presented physically in both local and international meetings such as the West African Society of Toxicology (WASOT), the Society of Toxicology annual meetings and the Society of Conservation Biology conferences consistently for several years in Nigeria, the United States and the United Kingdom respectively through poster and oral presentations at different times.

Juliet Kelechi IGBO, Chief Research Officer, Nigeria Institute for Oceanography and Marine Research, Lagos

- **Education:** B.Sc. (Agricultural Science Education), M.Sc Environmental Resource Management, M.Sc (Marine Pollution and Management, Ph.D (Marine Biology)
- **Research:** Biomonitoring of the barrier Lagoon complex and the transgressive mud coast of the Southwest, Nigeria, determination of toxicity thresholds of toxicants introduced into the Nigerian coastal waters using marine and brackish organisms and survey of living resources of the Nigerian Coastal Waters
- Served as a Visiting research student in the Department of Environmental Medicine, New York University
- Participates in regular Beach Clean-up Exercises in Lagos.

