



**Dr. Taofikat Abosedede Adesalu (Fulbright Scholar)**  
**Subdean, School of Postgraduate Studies**  
**University of Lagos, Nigeria**

## **Adesalu, Taofikat Abosedede Ph.D.**

### **Office Address**

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### **Educational Background**

Fulbright Scholarship: Bowling Green State University, Ohio, U.S.A	2006
Ph.D. Botany (Phycology), University of Lagos Akoka, Nigeria	2008
M.Sc. Botany (Phycology), University of Lagos Akoka, Nigeria	2000
B.Sc. Botany University of Lagos Akoka, Nigeria	1995

### **Other Universities visited**

August – September 2014

St. Cloud State University  
Department of Biological Sciences  
St. Cloud, Minnesota, U.S.A.

August – September 2015

St. Cloud State University  
Department of Biological Sciences  
St. Cloud, Minnesota, U.S.A

August 2016 - January 2017

St. Cloud State University  
Department of Biological Sciences  
St. Cloud, Minnesota, U.S.A

Sept 1<sup>st</sup>- November. 30<sup>th</sup> 2010

University of Connecticut, Storrs  
Department of Ecology and Evolutionary  
Biology, Storrs Connecticut, U.S.A

Sept. 2005- June 2006

Bowling Green State University,

Bowling Green, Ohio, U.S.A.

June –August 2004

Central Michigan University,

Department of Biology

Mt.Pleasant Michigan, U.S.A

### Some of the Refereed Publications:

1. **Adesalu, T.A.**, Micheal Bagbe and Dare Keyede (2010). Hydrochemistry and phytoplankton composition of two tidal creeks in South-Western Nigeria. *Rev. Biol. Trop. (Int.) J. Trop. Biol.* **58** (3): 827-840.
2. Nwankwo, D.I, Okedoyin, A.O and **Adesalu, T.A** (2012). Primary Productivity in Tidal Creeks of South – West Nigeria II. Comparative Study of Nutrient Status and Chlorophyll-a variations in two Lagos Harbour creeks. *World Journal of Biological Research (Revue Mondiale de la Recherche Biologique )* 5(1): 41-48.
3. **Adesalu, T.A. (2015)**. DNA barcode of coastal alga (*Chlorella sorokiniana*) from ago-egun part of Lagos lagoon. *Journal of Aquatic Science*, 30 (1A):99 105.
4. **Adesalu, T.A** .(2016). Diversity of Green Microalgae in South-Western Lagoon, Nigeria. *Journal of Sci. Res. Dev.* 15(2): 19-28.
5. Agbanelo, Chineze A. and **Adesalu, Taofikat A.** (2016). Phytochemical Properties and Anti-microbial Potentials of *Usnea subflorida* (Zahlbr.) Motyka Collected From Obudu Resort, Nigeria. *Nigerian Journal of Botany* 29(1): 271-279.
6. Akinyemi, S.A. and **Adesalu, T.A** (2016). Composition and diversity of planktonic algae in Ikere Gorge dam, Oyo state, Nigeria. *Journal of Scientific Research and development.* 55-60.
7. **Adesalu, T.A** and Kunrunmi, O.A. (2016a). Diatom communities in riparian systems associated with Lagos lagoon, Nigeria 1. Seasonal and anthropogenic patterns in Majidun Creek. *Algological Studies*, 150: 39-52.
8. **Adesalu, T.A** and Agadagba Temitope (2016b). Isolation of Symbionts and GC-MS Analysis of Lichens Collected from Obudu Mountain Resort, South-South, Nigeria, *Ife Journal of Science*, 18(2): 427-434.

9. **Adesalu, Taofikat A.** and Agbaje Abass (2016c). Response of microalgae from tidal and non-tidal creeks in Lagos to crude oil contamination. *FUTA Journal of Research in Sciences* 1: 81-93.
10. **Adesalu, T.A.,** Temenu, T.O. and Julius, M.L. (2016b). Molecular characterization, lipid analysis and GC-MS determination of bioactive compounds identified in a West African strain of the green alga *Oedogonium* (Chlorophyta). *Journal of Pharmacognosy and Phytochemistry*, 5(6): 01-06.
11. **Adesalu, T. A,** Kunrunmi, O.A, Omoregie, M.E, and Adeniyi-Martins O. (2016c). First record of bloom forming cyanobacteria, *Microcystis aeruginosa* Kuzt. and *M. wesenbergii* Komarek (Cyanophyta) incidence in Oyan Dam, Ogun State, Southwest, Nigeria. *Journal of Aquatic Sciences*, 31(1A):1-10.
12. **Adesalu, T. A,** Kunrunmi, O.A. and Lawal, M.O (2016d). Water quality Assessment: A case study of plankton and macrobenthic invertebrates of Porto-Novo and parts of Gulf of Guinea, *Journal of Aquatic Sciences*, 31(1A): 39-66.
13. **Adesalu, Taofikat Abosede,** Kunrunmi, Olakunbi Anike and Lawal Muyideen Owonire (2017). Diversity of Benthic Biota of Some Freshwater habitats in Kabba/Bunu local Government, Kogi State, North-Central, Nigeria. *Ethiopian Journal of Environmental Studies and Management*, 10(3): 361 – 377.
14. **Adesalu, Taofikat Abosede,** and Julius, Mathew L (2017). *Discostella oyanensis*, sp. nov., a new planktonic diatom species from Nigeria, West Africa. *Diatom Research* 32(2):163-173.  
DOI:10.1080/0269249X.2017.13386211-11.  
<http://dx.doi.org/10.1080/0269249X.2017.1338621>
15. Essien E. R., Adams, L., **Adesalu, T.A.** and Julius. M.L. (2017). Bioactive glass 45S5 from diatom biosilica. *Journal of Science: Advanced Materials and Devices* 2: 476-482.

16.

**Member,** Federal Ministry of Environment, Nigeria, panel at review meeting on Environmental Impact Assessment (EIA) of the proposed

- Petroleum Products Storage Depot at Amuwo-Odofin Local Government Area Lagos State by First Royal Oil.
- MTN BTS sites of North-West Zone, Nigeria by MTN Nigeria.
- Pharmaceutical complex at Magboro, Obafemi-Owode Local Government Area Ogun State, by Ranbaxy Pharmaceuticals Limited.
- Shorelink Oil & Gas Jetty near NPA Berths 8 Port-Harcourt Rivers State by Shorelink Oil and Gas.
- Cement factory project in Ogun state by E-Block Nigeria Limited.
- NNPC/MPN Joint Venture (JV) Power Plant by Mobil Producing Nigeria Limited.
- 300MW Gas Power Plant Ikorodu by MBH Power Limited.
- Candel Agrochemical Industrial Development Project by the Candel Company Limited, Lekki Free Zone, Lagos.
- Oil Prospecting License 226 by ESSAR Exploration and Production Limited.
- Construction of 25MW Gas Power Plant near Ring Road Ibadan by ENTEC Power and Utilities Company Limited.
- Single Point Mooring System for Dangote Petroleum Refinery and Petrochemical free zone enterprise project at Lekki Free Zone, Ibeju-Lekki Local Government area, Lagos state, Nigeria by Dangote Petroleum Refinery and Petrochemical Free Zone Enterprise
- Coal mining project at Ibobo, Abocho District at Dekina Local Government Area of Kogi State by Bogi Coal Mines Limited
- Lime Stone Quarry, Cement Plant Project, Power Plant and Housing Estate at Ewekoro Local Government Area Ogun State, by Southport Cement Limited

#### **WITH OTHER CONSULTANCY GROUPS**

Environmental Impact Assessment (EIA) of proposed

- Agbaroh Township Road Network Construction Project in Ughelli North Local Government, Delta State
- Cement Plant at Alo Village in Ofu Local Government of Kogi by Niger Delta Development Commission

- Energy Master Petroleum Products Tank Farm at Satellite Town, Amuwo-Odofin, Lagos
- Procter and Gamble (P&G) Consumer Goods Manufacturing, Storage and Distribution Facility at Agbara, Ogun State
- Azura Edo Independent Power Plant Project in Benin City
- Petrolex Petroleum Products Storage and Distribution Facility in Ibefun, Ogun State
- Post Impact Assessment (PIA) of Egbin Thermal Station, Ikorodu, Lagos
- Environmental and Social Impact Assessment (ESIA) of proposed APM Terminal's Port and Free Zone Development Project in Badagry, Lagos
- Environmental and Social Impact Assessment (ESIA) of proposed 132Kv Transmission Line from Omotoso Power Station in Ondo to proposed Agodo Sub station in Ogun State
- Post Impact Assessment (PIA) of UNT facility at Ibese, Ikorodu, Lagos
- Environmental and Social Impact Assessment (ESIA) of Gbagada/Bariga Canal, Lagos, World Bank Project
- Ilubirin Foreshore Residential Estate, Lagos State, World Bank Project
- Cargill Agricultural Production and Processing Project, Kabba/Bunu Local Government, Kogi State

**Membership in Professional Associations and Publications:**

- (i) Member, Botanical Society of Nigeria. (BOSON)
- (ii) Member, Phycological Society of Nigeria (PSN)
- (iii) Member Society of Wetland Scientists
- (iv) Member, Organization of Women in Science in Developing World (OWSD)