

SULYMAN, MUHAMMAD

EDUCATION

- 2015 – 2016: **M.Sc. Biodiversity and Conservation**, University of Leeds, England, United Kingdom.
2004 – 2008: **B.Sc. Environmental Biology (Second Class Upper)**, University of Maiduguri, Maiduguri, Nigeria.
1996 – 2001: **Senior Secondary School**, Government Senior Science Secondary School, Gashua, Yobe State.
1990 – 1995: **Certificate of Primary Education**, Fika Central Primary School, Fika, Yobe State.

AWARDS/SCHOLARSHIP

- 2020 – Date: Tertiary Education Trust Fund (TETFund) Nigeria scholarship for PhD study in the USA.
2015 - 2016: Tertiary Education Trust Fund (TETFund) Nigeria scholarship for master's study in the UK.
2004 - 2008: Yobe State Government Scholarship Award for Undergraduates.
2001 – 2002: Yobe State Governor's University Matriculation Examination (UME) Award to best senior students.

RESEARCH INTERESTS

Ecosystem modelling, Biodiversity, and ecosystem services (how changes in biodiversity influence the supply of ecosystem services), Conservation of Protected Areas, and effects of habitat fragmentation on biological diversity.

PhD RESEARCH FOCUS

Developing an Ecopath with Ecosim (EwE) model to examine the biological effects oyster restoration in the Piankatank River, Virginia. Investigate the potential loss of seagrass to the region (due to increasing water temperatures). Explore the food-web trophic flow in these biogenic habitats and the impact on the regional economy through improved landings revenue.

RESEARCH GRANTS

2019: Tertiary Education Trust Fund's (TETFund) Institution-Based Research (IBR) Grant for the **Assessment of Ecosystem Services for Livelihoods and Management of Hadejia-Nguru Wetlands (HNWs), Northeast, Nigeria**

WORK EXPERIENCE

- 2021 – present: **Graduate Student**, Dr. Thomas F. Ihde's Research Lab, Morgan State University Patuxent Environmental and Aquatic Research Laboratory (MSU - PEARL)
2019 – To date: **Lecturer II**, Department of Biological Science, Federal University Gashua, Yobe State.
2016 – 2019: **Assistant Lecturer**, Department of Biological Science, Federal University Gashua, Yobe State.
2015 – 2016: **Graduate Assistant**, Department of Biological Science, Federal University Gashua, Yobe State
2013 – 2015: **Environmental Officer I**, Yobe State Ministry of Environment, Damaturu, Yobe State.
2010 – 2013: **Environmental Officer II**, Yobe State Ministry of Environment, Damaturu, Yobe State.

TEACHING AND SUPERVISION EXPERIENCE

- BIO 101: General Biology I (in part)
- BIO 102: General Biology II (in part)
- BIO 202: Introductory Ecology
- BIO 203: General Physiology I (in part)

- BIO 205: Introductory Developmental Cell Biology (in part)
- BIO 301: Field Course I (in part)
- BIO 303: General Ecology
- BIO 390: Students Industrial Work Experience Scheme (SIWES) Supervision
- BIO 401: Field Course II (in part)
- BIO 405: Conservation & Development of Natural Resources
- BIO 499: Final Year Research Project Supervision

ADMINISTRATIVE RESPONSIBILITY

- 2019 – 2020 **Examination & Time-Table Officer**, Biological Science
- 2019 – 2020 **Member**, University Landscape & Sanitation Committee
- 2017 – 2020 **Assistant Examination & Time-Table Officer**, Faculty of Science
- 2016 – 2019 **Departmental Coordinator**, Students Industrial Work Experience Scheme
- 2016 – 2019 **Students Level Coordinator**, Level IV (Biological Science)

TRAINING/PROFICIENCY

- CITI Biomedical Responsible Conduct of Research (1 – Basic Course); under requirements set by Morgan State University: **October 2020**
- CITI Humanities Responsible Conduct of Research (1 – Basic Course); under requirements set by Morgan State University: **October 2020**
- CITI Social and Behavioural Responsible Conduct of Research (1 – Basic Course); under requirements set by Morgan State University: **October 2020**
- Training in Fieldwork Safety; integrated training programmes for people operating in outdoor or wilderness environments by training expertise; under requirements set by the University of Leeds: **January 2016**
- Training in Outdoor First Aid for Fieldworkers (Level 1); a concept-based training in first aid and pre-hospital care for rural, remote and wilderness groups by Remote Emergency Care; under requirements set by the University of Leeds: **January 2016**
- Training in Biosecurity; a concise course designed to train students on managing the spread of invasive flora and fauna; under requirements set by the University of Leeds: **January 2016**
- Computer literate and have achieved mid-level competence with statistical/other software packages such as **SPSS, STATA, and GIS**.
- R statistics: learning in process

CONFERENCE/SEMINAR/WORKSHOP ATTENDED

- International Symposium for *Reproductive strategies from genes to societies – Frontiers in animal and plant reproduction research* (University of Debrecen, Hungary): **7- 10th November 2019**

COMMUNITY SERVICE

- **Registration Area Collation Officer**, collation of Nigeria's 2019 general election results at ward level (Fika/Anze ward, Fika, Yobe State).
- **Registration Area Collation Officer**, collation of Nigeria's 2015 general election results at ward level (Yarimaram ward, Potiskum, Yobe State).
- **Academic Counsellor**, supporting students with guidance and counselling both before and after enrolment at university.

- **Vice President** (Corps member) for NYSC/MDGs Advocacy Project Club, Daura Zone, Katsina State, where we conducted sensitizations on MDGs in Secondary Schools/humanitarian visits to hospitals (NYSC 2008/2009).

MEMBERSHIP OF SOCIETY/PROFESSIONAL ORGANIZATION

- American Fisheries Society (AFS)
- British Ecological Society (BES)
- Member, Nigeria Conservation Foundation (NCF)
- Member, Zoological Society of Nigeria (ZSN)
- Member, Cambridge Conservation Forum (CCF)

PUBLICATIONS

Sulyman, M., Thliza, I. A, Abdullahi, G., Tijjani, A., Ahmad, A. G., Zungum, I. U. and Dagona, A. G. (2016). The role of *Arbuscular Mycorrhizal* fungi (AMF) in plants communities: A Review. *Gashua Journal of Sciences and Humanities*, **2**(2), pp. 93 – 97

Sulyman, M (2018). Response of soil properties to land use change from wheat to pig production. *Journal of Pollution Effects & Control*, **6**(1), pp. 211

HOBBIES

- Traveling, playing football and farming.

COUNTRIES VISITED

- United Kingdom
- Spain
- Hungary
- United States of America

REFEREES

- **Professor L.G. Firbank**
School of Biology,
Faculty of Biological Sciences,
University of Leeds, England
Email Address: L.Firbank@leeds.ac.uk
- **Dr (Mrs) B.A Kyari**
Department of Biological Sciences,
Faculty of Science,
University of Maiduguri, Nigeria
Email Address: fatularai1960@gmail.com