

(+33) 767-087289
Vannes, France
aadebowaledaniel@gmail.com

Adebowale Daniel Adebayo

GitHub: aadebowaledaniel
LinkedIn: aadebowaledaniel

EDUCATION

Master of Science, Copernicus Master in Digital Earth (Erasmus Mundus Joint Master Degree) June 2022
University of South Brittany, Geo-Data Science Sept 2021 — present
University of Salzburg, Earth Observation and Geoinformatics Sept 2020 — Sept 2021
Bachelor of Technology in Remote Sensing and GIS, Federal University of Technology Akure Nigeria Dec 2019

SKILLS

Programming Languages Python, JavaScript, SQL, R
Software & Tools **Geospatial:** Google Earth Engine, GDAL, QGIS, ArcGIS
ML & AI: Scikit-learn, Pytorch, Jupyter Notebook
Web Mapping & Visualization: GeoServer, Leaflet, OpenLayer, KeplerGL, iTowns
Other: Git, UNIX shell, ENVI, ERDAS Imagine, \LaTeX

TECHNICAL EXPERIENCE

Geospatial Developer / EARWAC Feb 2020 — Present
The Sixth Axis Akure, Nigeria

- Co-led the development of Enhancing Adaptation and Resilience Along West Africa's Coasts (EARWAC); a demonstrator on coastal multi-hazards in West Africa launched at UNFCCC COP26 Glasgow (funding from European Space Agency and Future Earth and support from the Ocean Knowledge-Action Network and Future Earth Coasts).

Remote Sensing and GIS Intern / Ecosystem Restoration Monitoring Jul 2021 — Oct 2021
Food and Agricultural Organisation Rome, Italy

- Monitoring and comparison of Land Degradation Neutrality Sustainable Development Goal (SDG) Target 15.3), and Landcover transition within selected restoration sites in Nigeria.
- Contribute to the development Framework for Ecosystem Restoration Monitoring (FERM) database and platform, towards the selection of priority indicators for Terrestrial ecosystems, Aquatic and Transitional ecosystems, and Socioeconomic progress and impacts of restoration
- Research and collection of best data available to represent indicators and develop tools with a particular focus on geospatial data

Student Assitant Dec 2020 — Feb 2021
CDL GEOHUM Salzburg, Austria

- Extraction of spectral features from Multi-spectral-temporal satellite images supporting Geo-Humanitarian activities in Africa.

GIS Consultant Nov 2019 — Feb 2020
Propcom Mai-karfi Abuja, Nigeria

- Co-performed suitability, vegetation modelling and analysis for irrigation farming in North-eastern Nigeria.
- Establish, maintain, and update geographic files, databases, records, and other documents relevant to mapping projects.
- Developed automated script for multi-temporal satellite image acquisition and preprocessing.

PUBLICATION

Stefan Lang, Lorenz Wendt, Dirk Tiede, Yunya Gao, Vanessa Streifender, Hira Zafar, Adebowale Adebayo, Gina Schwendemann, Peter Jeremias. (2021). Multi-Feature Sample Database for Enhancing Deep Learning Tasks in Operational Humanitarian Applications. DOI: 10.1553/giscience2021_01_s209.

Olabode, O. F., Adebayo, A. D., Ekundayo, O. Y. (2021). Drought analysis and groundwater prioritization of a typical data-scarce drought-prone hydrological basin using geospatial techniques. *Groundwater for Sustainable Development*, 13.
<https://doi.org/10.1016/j.gsd.2021.100581>

AWARD

Erasmus Mundus Scholarship 2020
Federal Government of Nigeria Scholarship (2017 - 2019)