

DANIEL DONKOR

Springfield, Missouri, USA.

E-mail: dd783s@missouristate.edu

danieldonkor209@gmail.com

LinkedIn: [linkedin.com/in/daniel-donkor](https://www.linkedin.com/in/daniel-donkor)

PROFESSIONAL SUMMARY

Daniel Donkor is a human-environment scientist who is more passionate about addressing pressing global environmental challenges. He is a dedicated researcher with a specific focus on climate change, agricultural sustainability, Human Dimensions of global changes, and nature-environment interaction. With deep-rooted commitment to finding innovative solution, his work revolves around understanding the intricate relationships between these fields. He uses the mixed method approach in research that include GIS, quantitative, and qualitative analysis. His research aims to contribute meaningful knowledge that can shape policies and practices to a resilient and sustainable future.

WORK HISTORY

August,2023-
current

Teaching Assistant
Missouri state university, Springfield, MO
Department of Geography, Geology and Planning

- Marking and recording students' exam scripts.
- Assisting students in Lab works

October,2021 –
September,2022

Teaching and Research Assistant
Kwame Nkrumah University of Science and Technology, Kumasi, Ghana
Department of Geography and Rural Development

- Assisted Lecturers in marking and recording students' exam scripts.
- Assisted Lecturers to conduct researches through reviewing of relevant literature and data collection.
- Assisted students to properly prepare and present their research findings.
- Organized tutorial for students in geographic information system, urban studies and resources analysis and biodiversity conservation.
- Provides geospatial data- both vector and raster for use in the department.

EDUCATION

August,2023-
current

Master of Science: Geography
Missouri state University, Springfield, MO
Fields of Specialization: Advanced GIS and Global environmental changes.

September, 2017-
October,2021

Bachelor of Arts: Geography and Rural Development
Kwame Nkrumah university of science and technology - Kumasi, Ashanti Region
Fields of Specialization: GIS and remote sensing, urban development studies and resources analysis and biodiversity conservation.

Knowledge Acquired:

- Knowledge and skill in geospatial modelling (eg. groundwater vulnerability estimation).
- Acquired knowledge in urban development studies.
- Knowledge on the principles and theories of resources analysis and biodiversity conservation.

September,2013-
June,2016

West African Senior School Certificate Examination (WASSCE): General Arts:
Economics, Geography, French, Elective Mathematics
Toase Senior High School - Kumasi

LANGUAGES

English: Fluent

TWI: Native language

PROJECTS

- Assessing the Urban Morphological types within the Assin North district in the Central Region.
- Groundwater vulnerability estimation using the DRASTIC method in the Mampong municipal, Sekyere South and Afigya-Kwabre North.

SKILLS

- Skills in geospatial software (eg SNAP, QGIS, ArcGIS PRO).
- Research and pre-production,
- Skill in Microsoft word, excel and SPSS.
- Qualitative and quantitative research.

HONOURS AND AWARDS

- Overall Best student (2021), Department of Geography and rural Development
- Student Bursary Scholarship, KNUST (2020)

This is an internally funded merit-based scholarship awarded to students, it fully or partially covers the tuition fees of beneficiaries depending on their financial need.

- Faculty of Social Sciences Dean's Excellence Awards.

ESRI CERTIFICATES

- Getting Started with the Geodatabase
- Integrating Data in ArcGIS PRO
- Building Geoprocessing Models Using ArcGIS Pro
- Getting Started with Data Management
- Getting started with Geoprocessing
- Map layer Basics
- Querying data using ArcGIS Pro