**EMMANUEL KWAKU SACKEY**
FOREST SCIENCE DEPARTMENT,
SCHOOL OF NATURAL RESOURCES,
UNIVERSITY OF ENERGY AND NATURAL RESOURCES (UENR),
P.O. BOX 214
SUNYANI, GHANA
(+233) 055-276-3304 / (+233) 020-757-7763
emmanuel.sackey1@uenr.edu.gh / emmanuelksackey@gmail.com

## PROFESSIONAL SUMMARY

Highly skilled leader with exceptional leadership skills and a talent for team building. An effective communicator with the ability to work well under pressure, I am also technically-savvy with outstanding relationship building, training and presentation skills. I have a proven track record of success in leading teams to achieve their goals and driving business growth. My ability to build strong relationships with students and colleagues has been a key factor in my success. I am passionate about using my skills and experience to make a positive impact in the workplace.

## EDUCATION

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|---|---|
| Jan 2024-Present | **Doctor of Philosophy in Social Forestry and Environmental Governance (Candidate)** |
| | University of Energy and Natural Resources (UENR), Sunyani-Ghana |
| | **Research topic**: "Dendrochronological Approach in Assessing the Potential of Teak (*Tectona grandis*) as a carbon sink in Forest-Savannah Transition Landscape (Techiman Municipal) of Ghana". |
| Sep 2019-Dec 2021 | **Master of Philosophy in Social Forestry and Environmental Governance** |
| | University of Energy and Natural Resources (UENR), Sunyani-Ghana |
| | ***Modules/Courses read***: Social Research Methods; Gender, Climate Change and Sustainable Development; Forest Economics, Finance and Marketing; Concepts of Environmental Governance and Social Forestry; Forest Ecology and Silviculture; Forest Biometrics and GIS Application in Natural Resources. |
| | ***Individual Research Project***: The dissertation examined the drivers of deforestation in Sefwi-Wiawso Forest District of Ghana. It used satellite images and a statistical modeling approach to analyze the relationships between different factors. The study found that the extent of deforestation in the area was higher than the national average. Additionally, it showed that deforestation was influenced by multiple factors, rather than just one. |
| Sep 2014-Aug 2018 | **Bachelor of Science in Natural Resources Management** |
| | University of Energy and Natural Resources (UENR), Sunyani-Ghana |
| | ***Final year courses***: Seminar; Principles and practices of Agroforestry; Leadership, Gender and Development; Forest Resource Management; Community Mobilization and Collaborative Resource |

Management; Spatial Analysis for Natural Resources Management; Project Planning and Management.

*Final Year Research Project:* The study aimed to assess the impact of snail sales on the livelihood of snail marketers in two districts of Ghana. The results indicated that snail farming is a highly profitable business and could help address the unemployment crisis in the country if given the necessary consideration.

Sep 2010-June 2013    West African Senior School Certificate Examination (Agricultural Science)

Kumasi High School (Ghana)

Social Studies; English Language; Mathematics (core); Integrated Science; Chemistry; General Agriculture; Physics; and Animal Husbandry.

## WORK / RESEARCH EXPERIENCE

February 2021-Current    Senior Technician

University of Energy and Natural Resources (UENR), Sunyani

- Coordinated practical training sessions for students on tree identification, stock surveying, yield mapping, timber procurement, drone surveillance systems and land surveying.
- Conducted tutorials on data analysis, experimental designs and analysis tools such as SPSS, Stata and R for students.
- Coordinated seed collection and processing for the university's plant nursery.
- Assisted lecturers during educational field trips.
- Collaborated with lecturers and students to collect field data for research purposes.
- Coordinated tree planting exercises for students.

**Main achievement**: Supervised 500 students to plant 5,000 teak stumps during Green Ghana Day celebration, as delivered by the President of the Republic of Ghana on 11th June, 2021.

February 2020-2021    Senior Technician Assistant (on contract)

University of Energy and Natural Resources (UENR), Sunyani

- Organized practical training sessions for students on tree identification, stock surveying and land surveying.
- Assisted lecturers during educational field trips.
- Collaborated with lecturers and students to collect field data for research purposes.

**Main achievement**: Supervised 300 students in field practical training to identify timber tree species in the Tinte Bepo Forest reserve in Ghana.

September 2018-2019    Teaching and Research Assistant (NSS)

University of Energy and Natural Resources (UENR), Sunyani

- Conducted tutorials for students on various topics.
- Mentored final year students in their research work.
- Collaborated with faculty members on research projects.
- Assisted in writing research proposals.

**Main achievement**: Mentored five final year students to complete their thesis work on time.

January 2017-May 2017      Trainee

FormGhana Limited, Berekum-Ghana
- Supervised 150 contract workers in weeding, peg cutting, pegging, baseline construction, and planting of teak stumps on a 100 hectares of degraded lands.
- Prepared daily reports on the various activities accomplished.
- Measured the area of land cleared using a Global Positioning System (GPS).

**Main achievement**: Supervised 50 workers to plant over 100 hectares of land with teak stumps.

May 2016-July 2016      Planting Staff

Forestry Commission (FC) Industry Plantation Development, Coordinated by CSIR-Forestry Research Institute (FORIG). Project held at Pamu-Berekum Forest Reserve.
- Participated in the rehabilitation of over 100 hectares of degraded lands.
- Participated in the maintenance of an established plantation at the forest reserve.
- Supervised weed management activities at the reserve.
- Prepared reports on the status of the rehabilitation project on the demarcated Pamu-Berekum Forest Reserve.

**Main achievement**: Assisted in the planting of teak stumps on over a hundred hectares of degraded forest land at the Pamu-Berekum Forest Reserve.

May 2015-July 2015      Internship / Voluntary attachment

CSIR-Forestry Research Institute of Ghana (FORIG), Entomology laboratory.
- Conducted breeding and life cycle studies of *Hypsipyla robusta* pest on mahogany species as a member of the laboratory team.
- Monitored and evaluated established research plots on mixed and monoculture indigenous and exotic species plantations.
- Assisted in the application of silvicultural techniques to enhance stand growth as a field assistant.
- Collected samples of tree cambium, leaves, and wood blocks for DNA analysis as a team member on the DNA timber tracking project.

**Main achievement**: Assisted in the successful collection of mahogany samples (tree cambium, leaves, and wood blocks) across ten regions of Ghana.

## SKILLS

- Collaborative Team Player
- Self-Motivated and Driven
- Keen Attention to Details

- Reliable and Dependable

- Effective Leadership Skills

- Proficient in R Programming for Data Analysis
- Skilled in JAMOVI application for Data Analysis
- Proficient in SPSS (Statistical Package for the Social Sciences)

- Strong Command of STATA application
- Familiar with ATLAS.ti Application
- Competent in GIS (Geographic Information System) Application
- Knowledgeable in Risk Evaluation for Occupational Health and Safety
- Expertise in Forest Land Demarcation and Land Surveying
- Experienced in Drone Surveillance

- Proficient in PowerBI (Power Business Intelligence) Application

## Workshops / Seminars Attended

- **Landscape Restoration Dynamics** (from 5th to 20th December, 2023). Successfully completed online course organized by the University of Ibadan, in collaboration with The Center for International Forestry Research and World Agroforestry (CIFOR-ICRAF), and The Global Landscapes Forum (GLF).
- **Mastering Grant Proposal Writing: Pathways to Successful Research Funding** (from 24th October to 27th November, 2023). With an average study time: 20 hours. Successfully completed online course organized by organized by AuthorAID project, which was coordinated by INASP.
- **GAIN Youth Summit 2023** (from 27th to 28th October, 2023). Attended the summit which focused on the theme "Unlocking Africa's Digital Future: Youth Entrepreneurship at the Nexus of Innovation".
- **Forest Restoration Talk: (In) Coherences in EU Forest-Related Policies under the framework of the Nature Restoration Law** (18th October, 2023). Participated in the discussions. The discussion was based on the analysis of multilevel and cross-sectoral policy coherence conducted as part of the SUPERB project and building on an extensive mapping of forest restoration-related policies in Europe.
- **International Union of Forest Research Organizations (IUFRO) Stakeholder engagement in Ghana** (from 18th to 20th September, 2023). Participated in the stakeholder engagements with plantation companies, research institutions and the Forestry Commission of Ghana.
- **The research cycle Efficiencies in Research, Journal Selection and tips for Publishing** (24th August, 2023). Attended a 3-hour workshop organized by Daneshree Moodley Consultant at Mangosuthu University of Technology.
- **High-level Political Forum (HLPF). Building Momentum towards the SDG Summit and Beyond** (6th July, 2023). Attended a day seminar which sort to review the main findings from tow reports to inform the SDG Summit: The Global Sustainable

Development Report 2023, and the report by the High-level Advisory Board on Effective and Inclusive Global Governance.

- **Grant writing and A simple guide to Systematic Literature Review** (from 24$^{th}$ to 26$^{th}$ May, 2023). Participated in a 3-day workshop.
- **Science and society; conducting research in the sciences and engineering** (29$^{th}$ November, 2019). Participated in a day graduate research workshop. Held at Tyco City Hotel, Sunyani-Ghana.
- **Advanced data analysis in R** (From 27$^{th}$ to 31$^{st}$ May, 2019). Organized by SOFIA Consortium under the Auspices of Royal Society of the United Kingdom. Held at CSIR-FORIG, Kumasi, Ghana.
- **GNAIT teacher upgrading project** (30$^{th}$ March, 2019). Participated in a day programming workshop organized by the Ghana National Association of ICT Teachers and NODE3 World Technologies. Hon. Adutwum Coding Project. Held at Yaa Asantewaa Senior High School. Tanoso, Kumasi-Ashanti Region.
- **Single diploma in occupational health and safety administration** (25$^{th}$ February, 2019). Issued by the Institute for Professional and Executive Development (IPED), UK. A six (6) weeks intensive lecture. Held at IPED tutorial centre, Sunyani.
- **Seminar for staff** (6$^{th}$ September, 2018). Seminar highlights: University Governance, Research skills development, University Examinations, Career progression and developing good working relationships. Held at Sheila's Executive Hotel, Conference Hall-Sunyani.

## PROJECT
- **€2000 EU LEAN Project** on Integrated Landscape Management Research (2024). Conducted research on "Exploring the economic viability and social acceptance of Teak (*Tectona grandis L.f*) as a carbon sink and landscape restoration tool in the Forest-Savannah Transition Zone of Ghana: a case study of the Techiman Municipal.

## HONOURS AND AWARDS
- **Vice-Chancellor's Advancement Leadership Citation.** Awarded as the best student for Master of Philosophy in Social Forestry and Environmental Governance programme, by the Vice-Chancellor of the University of Energy and Natural Resources on 18$^{th}$ December, 2021.
- **Ghana National Petroleum Corporation (GNPC).** A full scholarship award from the GNPC Foundation, Impacting lives, to study MPHIL. SOCIAL FORESTRY AND ENVIRONMENTAL GOVERNANCE at the University of Energy and Natural Resources from 2019 to 2021.

## MEMBERSHIPS
- **Ghana Institute of Foresters (ID: GIF796409).** Full member of the Ghana Institute of Foresters from 2021 to present.
- **Ghana Science Association (ID: GSA/SUN/UENR/084).** Full member of the Ghana Science Association from 2023 to present.
- **Association of Tree-Ring Research.** Full member of the Association of Tree-Ring Research from 2024 to present.

## PUBLICATIONS

- Kumi, S., Kidido, J.K., **Sackey, E.K**. (2024). Drivers and drags of speculative land development in a prospective mining landscape, Ghana. *The Extractive Industries and Society*, 101443.
- Kumi, S., Nsiah, P.K., Ahiabu, H.K., & **Sackey, E**. (2023). Barriers and opportunities in effective management of forest landscape restoration: Tain II Degraded Forest Restoration, Ghana. *Trees, Forests and People*, 100483.
- Abugre, S., & **Sackey, E. K.** (2022). Diagnosis of perception of drivers of deforestation using the Partial Least Squares Path Modeling approach. *Trees, Forests and People*, 100246.

## MANUSCRIPT IN PROGRESS

- Amponsah, M. J., **Sackey, E. K.**, Alhassan, S. I., & Derkyi, M. A. (2024). Effects of farmer-herder conflicts on the livelihood assets and responses in the Ashanti Akim North Municipal of Ghana.

## PEER REVIEWER

- **Journal of Asian and African Studies.** Peer reviewer from 2023 to present.

## HOBBIES

- Swimming
- Playing Long Tennis and Badminton
- Jogging

## REFEREES

- **Available upon request.**