

WORK EXPERIENCE

Data Quality Officer (Individual Consultant), July 2025 - Project Completion

Sambus Geospatial Limited

- Providing consultancy support to Sambus Geospatial Limited on the development of a M&E Management Information System for the Tree Crops Diversification Project (TCDP) by Ghana and the World Bank at COCOBOD.
- Delivered technical input on data quality, system features, and monitoring to meet requirements.
- Supervising daily field activities, making sure we adhere to plan, schedules, and data quality standards.
- Train field team on the implementation of the research, research participant engagement, and data quality.

Youth Researcher, January 2021 - June 2021

Making Cents International, USA

- Interviewed key informants, organized focus group discussions, and contributed to summarizing findings.
- Reviewed research materials; made inputs based on review to help align research approach to the local context.
- Contributed to the assessment report based on study findings and response from stakeholders of the project.
- Aided fieldwork arrangement, undertook transcription and translation, and participated in team briefing sessions.

Consultant, May 2020 - June 2020

International Institute of Tropical Agriculture (IITA), Ghana

- Oversaw the field implementation of the choice experiment surveys in rural Northern Ghana.
- Supervised daily field activities, making sure we adhere to plan, schedules, and data quality standards.
- Trained field enumerators on research implementation, participant engagement, and data quality.
- Supported evaluation of agricultural projects and household preferences and economic decisions.

Technical Assistant, September 2017

Mendez England & Associates, USA

- Provided technical consulting services to support the evaluation of USAID's ILSSI project.
- Coordinated consultancy work with stakeholders, optimizing data flows for project assessments.
- Contributed to evaluation and research results to improve irrigation and food security outcomes.

Consulting Team Member, June 2016 - December 2016

Market Development Programme for Northern Ghana (MADE), Ghana

- Assessed stakeholder views on MADE's value chains and programs through Focus Group Discussions (FGDs) and Key Informant Interviews (KIIs).
- Managed data from interviews to assess adoption, satisfaction, and impact of improved technologies.
- Produced reports with actionable recommendations that shaped programming under DFID's M4P framework.
- Designed tools for low-literacy farmers; led validation with stakeholders across three regions.

Research, Monitoring and Evaluation Services Manager, December 2014 - April 2016

Center for Insight Monitoring and Evaluation, Ghana

- Executed M&E projects; played a key role in design, analysis, and reporting for decision making.
- Facilitated technical management and led research across socio-economic sectors.
- Oversaw planning and financial allocation activities at the office to meet research and organization needs.
- Promoted research collaboration and application; sharing output through presentations, seminars, and publications.

TEACHING AND RESEARCH

Graduate Tutor, October 2021 - February 2024

University of Tokyo (Department of Agricultural and Resource Economics), Japan

- Guided graduate students (P.hD./M.Sc) in carrying out their academic research.
- Supported proposal writing, fieldwork, data management, and analysis for graduate research projects.
- Tutored graduate students in Economic disciplines; Development Economics, Rural Development, etc.
- Explained theories and real-world applications; supported learning progress and thesis completion.

PhD Research, January 2022 - February 2024

University of Tokyo, Japan

- Led a follow-up survey in Ghana to assess long-term impacts and spillovers on farmer capabilities.
- Examined weather impacts on technology disadoption, input use, and yields among smallholder farmers.
- Processed datasets, designed experiment, and managed survey using World Bank's Survey Solutions.
- Delivered results via LaTeX-based presentations using Overleaf; finalized knowledge product based on key findings.

Research Assistant, October 2017 - January 2021

UDS/JICA/University of Tokyo, Ghana

- Supervised 30 staff for surveys across 108 villages; led recruitment and training efforts.
- Ensured data quality using SurveyBe; delivered reliable datasets for agricultural research.
- Conducted preliminary analysis; drafted reports to inform JICA's rice policy decisions.
- Assisted in evaluating randomized trials; applied economics to study post-harvest and market innovations.

EDUCATION

Ph.D. Economics

Agricultural and Applied Economics major

University of Tokyo

M.Phil. Agricultural Economics

Agricultural Economics major

University for Development Studies

B.A. Integrated Development Studies

Economics and Entrepreneurship Development major

University for Development Studies

SKILLS

Soft Skills

Team Management, Problem Solving, Communication and Presentation, Research.

Technical Skills

Applied economics, Impact Evaluation, data analysis, M&E, policy/project analysis, survey design

Software

Stata, R, SPSS, Survey Solutions, MS Office, LaTeX/Overleaf, CAPI tools (Mobile data collection.)

Language Skills

English (Fluent), Japanese (Basic), Gurune, Dagbani & Twi (Native)

AWARDS

MEXT Scholarship

Ministry of Education, Culture, Sports, Science and Technology, Japanese Government 2021

ATT-IFDC scholarship

International Fertilizer Development Centre (IFDC), Ghana 2018

PUBLICATIONS

- Analyzing the effect of severe weather on farmers' fertilizer usage and input investment amidst decreasing productivity in single-season agroecosystems. *Frontiers in Environmental Economics (Sec. Agricultural Economics)*, 3 (2024) 1360513. [DOI](#)
- To attend or not to attend: Examining the relationship between food hardship, school attendance and education expenditure. *International Journal of Educational Development*, 80 (2021) 102304. [DOI](#)
- Household Energy Choice for Cooking among the Time and Consumption Poor in Ghana. *Energy*, 226, 120408. [DOI](#)
- Climate change, soil water conservation, and productivity: Evidence from cocoa farmers in Ghana. *Agricultural Systems*, 191, 103172. [DOI](#)
- Factors Influencing Access to Credits among Micro and Small Agro-based Enterprises in the Tamale Metropolis, Ghana. *Journal of Economics, Management and Trade*, 20(3), 1-15. [DOI](#)

WORKING PAPERS / WORK IN PROGRESS

- Weather Shocks and Household Food Security: Disaggregated Impacts on Food Share, Dietary Diversity, and Consumption by Source (Under review).
- Climate Change and Employment Dynamics: Sectoral Transitions in East and West Africa (Under review).
- Rice Green Revolution in Sub-Saharan Africa's rainfed agroecologies: long term impact and spatial spillover effects of intervention on production knowledge and capabilities.
- Weather Variability, Resilience, and the Structural Transformation of Agriculture and Rural Economies in Africa.

RELEVANT TRAINING

- **Data Monitors Training:** Training of Trainers workshop for Data Monitors by Ghana Statistical Service, 2020. Use of CSPro and STATA to ensure quality national census data.
- **Short Course in Scaling up Food and Nutrition Security:** Monitoring and Evaluation, Strategic thinking, Leading and managing change and planning. AfricaLead, Ghana.
- **Data Analysis and Management (STATA, SPSS & Excel):** Qualitative and Quantitative research skills, Monitoring and Evaluation, Proposal and technical writing. Socioeconomics Division, Ghana, CSIR-SARI.
- **In-depth Training on Automation of Baseline Data Collection in Ghana**
USAID Africa Rising Project by Africa Rice Centre. Food Research Institute (FRI), Ghana.
- **Training on Data Collection with the use of Computer Assisted Personal Interviewing (CAPI)**
International Food Policy Research Institute (IFPRI).
- **Project Management Specialist Training:** Project Management Research Institute of Ghana.
- **Training on field research techniques:** Research sampling techniques, focus group discussion, Use of PDA and GPS for survey, downloading questionnaire and uploading results. International Food Policy Research Institute (IFPRI).

REFERENCE

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