

ISAAC KWASI ASANTE (PhD)

ikasante@uew.edu.gh | (+233) 24 481 2008 | (+233) 20 335-8087 | ikeika2007@gmail.com

P.O. Box WB 486, Winneba

DOB: 8th May 1983

Experienced researcher in agricultural extension programme design, implementation and M&E with good communication, research and report writing skills. Extensive background in working with youth associations, business groups, farmer groups and community micro-enterprises. Ability to work long hours with minimal supervision with vast knowledge in capacity building in adult training and learning. Open minded young man with strong responsibility and accountability for work. Looking for an opportunity to conduct research in application of information communication technologies and digital technologies in agricultural extension, disabilities in agricultural extension, farmer behaviour and technology adoption and modelling and theory development for achieving sustainable development and rural livelihood improvement.

TEACHING AND RESEARCH EXPERIENCE

University of Education, Winneba, Winneba, Ghana, September, 2022 - Present
Department of Agricultural Science Education,
Faculty of Science Education

Lecturer

- Deliver classes to undergraduate students on the subject of Land Survey and Geographic Information Systems (GIS), Farm Power and Machinery, Fishery Science and Rural Sociology and Agricultural Extension.

The International Institute of Knowledge Management (TIKM), Sri Lanka January 2024 – Present
and the University of Education, Winneba, Ghana partnership on academic programmes.

Country Coordinator

- Coordinate engagement TIKM, Sri Lanka and the University of Education, Winneba
- Act as country liaison officer for two international conferences organised by TIKM (The 11th International Conference on Agriculture – AGRICO 2024 and the 11th International Conference on Fisheries and Aquaculture – ICFA 2024)
- Review abstracts submitted by authors for consideration by conference secretariat.

Bayer Crop Science Schweiz, Paris, France July, 2022 – December, 2023
Department of Agricultural Economics and Extension

Field Supervisor

- Conducting research on socio-economic impact of using drones, digitalization to improve cropping systems performances and bankability of smallholder farmers in Ashanti, Northern and Upper East Regions of Ghana.

University of Education, Winneba, Central Region, Ghana 2015 – Present
College for Distance and e-Learning (CODEL)
Winneba Study Centre

Part-Lecturer

- Deliver classes to students on the subjects of Basic Agriculture, Integrated Science and Environmental Studies. Provide mentorship and supervision opportunities to students who are conducting research dissertations. Supervise students' dissertations at the Accra Academy Study Centre.

University of Education, Winneba, Winneba, Ghana December 2021 – September 2022
Department of Agricultural Science Education,
Faculty of Science Education

Assistant Lecturer

- Delivered classes to undergraduate students on the subject of Land Survey and Geographic Information Systems (GIS), Farm Power and Machinery, and Agricultural Extension.

University of Cape Coast, Cape Coast, Ghana
Department of Agricultural Economics and Extension
Graduate Assistant

2019 – 2021

- Delivered classes to undergraduate students on the subjects of Management of Agricultural Extension and Community Development Organizations; Group Dynamics and Public Relations; Communications and Agricultural Extension Methods. Instruct students on the subjects of Sociology of Development, Research Methodology and IBM Statistics Software package.

The ACP-EU Technical Centre for Agricultural and Rural Cooperation
Department of Agricultural Economics and Extension

2019 – 2020

Research Assistant

- Collected, analysed and interpreted results of field data. Wrote a report on the Socio-economic Impacts and Acceptance of Drone-Applied Pesticide on Maize in Ghana. A collaborative research among Bayer Crop Science, CTA, University of Cape Coast (UCC), and Savannah Agricultural Research Institute (SARI) as part of CTA Transforming Africa's Agriculture Project.

PROFESSIONAL WORK EXPERIENCE

DICA, Cape Coast, Ghana

March 2021- October 2021

The Rice Value Chain Improvement Project

Co-Consultant (Agricultural Value Chain and Extension Expert)

- Provided consultancy services to undertake Baseline Survey for KOICA Capacity Development of Rice Value Chain Improvement in Central Region of Ghana. Conducted literature review and project preparatory activities, developed baseline instruments, trained enumerators for data collection, conducted field data collection/Fieldwork, and debriefing presentations.

Associate for Change, Accra

April 2021 - September 2021

National Local Food Systems and Value Chain Development Expert

- Provided technical support to Associate for Change, Accra and IRAM consults France and the World Food Programme, Ghana for the decentralized evaluation of the: **Enhanced Nutrition and Value Chain (ENVAC) Project** in Ghana. Conducted literature review and project preparatory activities, developed assessment instruments, conducted field data collection/Fieldwork, data cleaning and analysis, report writing and debriefing presentations.

Integrated Management Consult Limited, Accra, Ghana

2014 – 2018

Associate Consultant

- Provided technical support and backstopping during the consultancy assignments.

Alex Quaye Farms, Central Region, Ghana

2018

Farm Consultant

- Offered consultancy services for the cultivation of 7,000 suckers of plantain on nine acres of farmland. Facilitated the training of 14 farm hands on good agronomic practices of plantain such as sucker preparation, line and pegging as well as planting.
- Facilitated and supervised farm hands to cultivate the 7000 suckers of plantain on nine acres of farmland.

Integrated Management Consult Limited, Kumasi & Accra, Ghana

2017

Associate Consultant

- Trained 70 key staff of the National Board for Small Scale Industries (NBSSI) in Project Management. Provided technical support and backstopping for consultants. Collected data and wrote a report.

Integrated Management Consult Limited, Accra & Northern Ghana

2015 – 2016

Associate Consultant

- Provided Business Advisory services and facilitated access to financial services to maize, rice and soy value chain actors within the eight-parallel region of Ghana under USAID/FinGAP. Facilitated the procurement of farming equipment (e.g. tractors) for Nucleus Farmers under USAID/FinGAP with funding from participating financial institutions.
- Developed partnership with financial institutions to drive access to financial services to Nucleus Farmers and other agribusiness enterprises.

Integrated Management Consult Limited, Accra & Northern Region, Ghana

2015

Associate Consultant

- Facilitated capacity building training to 46 non-state actors in Agriculture in Programme Monitoring and Evaluation. Offered technical support and backstopping for consultants during the capacity building training of 46 non-state actors in agriculture in administrative management, operations management, human resource management, financial management, grant proposal writing and technical report writing under the USAID/Agricultural policy support project (USAID/APSP) in Afiaya and Tamale, Ghana.

Integrated Management of Consult Limited, Accra & Ashanti Region

2014 – 2015

Associate Consultant

- Executed three consultancy services for GoG/IFAD Root and Tuber Improvement and Marketing Programme (RTIMP) implemented by the MoFA. The assignments included consultancy services for RTIMP Programme Completion Report (PCR). Assessed the effectiveness of Good Practice Centre models on cost revenues, income and employment creation along the value chains under RTIMP.
- Evaluated the impact of technical services rendered by the Supply Chain Facilitators and District Stakeholder Fora on market linkages under RTIMP. Supervised five field enumerators to collect data from the three RTIMP operational regions in Ghana. Oversaw three field team leaders to conduct data quality.

PAB Development Consultants Limited/ACDI/VOCA, Upper East Region, Ghana

2011 – 2012

Ghana Agricultural Development and Value Chain Enhancement (ADVANCE) Programme

Business Facilitator

- Facilitated business linkages and relationships between maize commodity value chain actors. Co-ordinated and undertook activities that enhanced value chain competitiveness; increased access to credit and market opportunities along the value chains.
- Linked all actors within the industry from production to end markets. Organized, coordinated activities and built relationships between actors along the value chain. Formulated and trained actors on new technologies and strategies to increase yield and maximize profit. Assisted the Monitoring and Evaluation Officer during field data collection, data quality management, data processing and report writing.
- Identified and established partnerships with State Agencies as the National Board for Small Scale Industries and other Development Programmes to build synergies to initiate value chain competitiveness in the Upper East Region of Ghana.
- Collaborated with Ministry of Food and Agriculture to facilitate capacity building of programme beneficiaries in Good Agronomic Practices and Post-Harvest Handle of maize.
- Supervised ten field staffs to gather data for conducting Gross Margin Analysis of Maize farmers in the Upper East Region of Ghana.

PAB Development Consultants Limited/USAID, Central Region, Ghana

2009 – 2011

Ghana Agricultural Development and Value Chain Enhancement (ADVANCE) Programme

Field Business Facilitator

- Facilitated business linkages and relationships between seed maize, rice and citrus commodity value chain actors in the in the Central Region of Ghana. Co-ordinated and undertook activities that enhanced value chain competitiveness; increased access to credit and markets opportunities along the value chains.
- Linked all actors within the industry from production to end markets. Organized, coordinated activities and built relationships between actors along the value chains. Formulated and trained actors on new technologies and strategies to increase yield and maximize profit. Assisted the Monitoring and Evaluation Officer during field data collection, data quality management, data processing and report writing.

Ghana Statistical Service, Central Region Ghana

2009

National Population and Housing Trial Census

Census Field Supervisor

- Supervised five census enumerators to collect household data from five enumeration areas in Senya Bereku in the Awutu Senya Municipal Assembly of Ghana. Oversaw the listing of all residential and non-residential structures.
- Conducted data quality checks and validation of all household data collected by five enumerators. Issued occupational codes to all household members who were employed for easy data entry.

Opportunities Industrialization Centers International, Eastern Region, Ghana

2008 – 2009

Community Development Officer

- Contracted by Newmont Ghana Gold Limited to implement Community Development Plan in eight project-affected communities within the Birim North District in Eastern Region of Ghana.
- Acted as a Liaison Officer between Newmont Ghana Gold Limited and affected communities. Facilitated training of Farmer Based Organizations on financial management, credit management, business development and alternative livelihood programmes.

VOLUNTEER EXPERIENCE

Coalition of Domestic Election Observers, Central Region, Ghana

December 2016

Ghana 2016 Presidential and Parliamentary Elections

Election Day Rapid Response Observer

- Witnessed the activities at the Polling Station from the opening to the closing of polls of the Presidential and Parliamentary Elections. Observed the sorting of ballots, counting, tallying and declaration of polls results at the polling station during the Presidential and Parliamentary Elections. Reported on key incidences at the polling station during the polls.

Obrawogum D/A J.H.S, Central Region, Ghana

2007 – 2008

National Service Personnel

- Taught the subject of Agricultural Sciences at three Junior High Schools. Assisted in the development of school activity plans for three academic terms.

EDUCATION & CREDENTIALS

University of Education, Winneba, Ghana

On going

Post-Graduate Degree in Teaching and Learning in Higher Education (PGDTLHE)

University of Cape Coast, Cape Coast, Ghana

2018 – 2022

Doctor of Philosophy in Agricultural Extension

University of Cape Coast , Cape Coast, Ghana Master of Philosophy in NGO Studies and Community Development	2012 – 2015
University of Cape Coast , Cape Coast, Ghana Bachelor of Science in Agriculture	2003 – 2007
Winneba Secondary School , Winneba, Ghana Senior Secondary School Certificate Examination (SSSCE)	1998 – 2000

PROFESSIONAL AFFILIATIONS

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|---|----------------|
| • <i>Member</i> , Ghana Science Association Winneba Chapter: | 2022 – Present |
| • <i>Member</i> , African Association for Precision Agriculture (AAPA): | 2022 – Present |
| • <i>Member</i> , University Teachers Association of Ghana (UTAG): | 2022 – Present |
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TRAINING

- Mastering Grant Proposal Writing: Pathways to Successful Research Funding (2023) by AuthorsAID
 - The Art of Scientific Writing and Publishing, by African Science Frontiers Initiatives – December 2022
 - Leadership and Entrepreneurship Skills Training Program Blaring Trails for Entrepreneurs – 2016
 - Developing a Proposal Using ‘The Problem Tree’ – 2014
 - Developing a Proposal Using ‘The Logical Frame Work’ – 2014
 - Using Photographs to Tell Stories: Taking Photos and Editing – 2012
 - Integrated Pest Management: Control and Management of Fruit Flies on Citrus Orchards. Using Control and Annihilation Methods – 2011
 - GIS Mapping and Use of GIS for Planning in Agri-Business Planning – 2010
 - Market Facilitation and Value Chain Analysis – 2009
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SKILLS

- Proficient in Statistical Package for the Social Sciences (IBM SPSS), SmartPLS, R Programming and Microsoft Office Suite.
 - Fluent in English, Fanti, Twi and Ga; French (knowledge basic)
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JOURNAL PUBLICATIONS

- Ocran, J. K., Okorley, E. L., Annor-Frempong, F., Akaba, S., Obeng-Mensah, A., **Asante, I. K.**, & Omega, S. (2023). Maize farmers’ preferred option for Fall Armyworm control, and factors influencing their preference: A case of Northern Ghana. *ADRRJ Journal of Agriculture and Food Sciences, Ghana*, 7(1(6)), 12–36, E-ISSN: 2026-5204. <https://journals.adrri.org/index.php/adrrijafs/article/view/1046/768>
- Asante, I. K.**, Ocran, J. K., & Inkoom, E. W. (2023). Modeling pesticide use behavior among farmers in the Upper East Region of Ghana: An empirical application of the Theory of Planned Behavior. *Environmental Protection Research*, 3(1), 130–149. <https://doi.org/10.37256/epr.3120232074>
- Asante, I. K.**, Inkoom, E. W., Ocran, J. K., Kyeremateng, E., Sabari, G., & Odamtten, F. T. (2023). Intention of smallholder maize farmers to adopt integrated pest management practices for fall armyworm control in the Upper East region of Ghana. *International Journal of Pest Management*, 1–18. <https://doi.org/10.1080/09670874.2023.2190627>
- Mensah, E. A., Acheampong, L., **Asante, I. K.**, & Mensah, A. O. (2022). Institutional factors influencing commercial large-scale oyster mushroom production in the Greater

Accra Region of Ghana. *The Bangladesh Journal of Agricultural Economics*, 43(2), 1–17. <https://bjae.bau.edu.bd/index.php/home/article/view/220>

Asante, I. K., Inkoom, E. W., Ocran, J. K., & Akaba, S. (2022). Sustainability analysis of programme interventions: The case of Root and Tuber Improvement and Marketing Programme in the Central Region of Ghana. *ADRRI Journal of Agriculture and Food Sciences*, Ghana, 6[2(5)], 1–21, E-ISSN: 2026-5204. <https://journals.adrri.org/index.php/adrijafs/article/view/879/678>

Hayford, S. K., Mahamah, R., **Asante, I. K.**, & Anane, A. A. (2022). Attitudinal, normative and control beliefs underlying graduate students' adoption of the learning management system for learning at the University of Education, Winneba, Ghana. *Integrity Journal of Education and Training*, 6(1), 19–30. <https://doi.org/10.31248/IJET2022.132>

BOOK PUBLICATIONS

Osei, B. Y., & Mensah, E. O. (2023). *Assessment techniques in agriculture* (**I. K. Asante** (ed.)). College for Distance and e-Learning, University of Education, Winneba.

TECHNICAL REPORTS

Richard, A., Casely-Hayford, L., Steer, L., **Asante, I. K.**, & Darko, T. (2021). *Ghana, Enhanced Nutrition and Value Chains Project (2016-2021): Evaluation report number: 049-3*. <https://www.wfp.org/publications/ghana-enhanced-nutrition-and-value-chains-project-2016-2021-evaluation>

CONFERENCE PAPERS

Asante, I. K., Kassah, J. E., & Ocran, J. K. (2023). Precision Fishing: Sound Navigation and Ranging (SONAR) technology assisting decision making of Purse-seine fishers. In K. Behrendt (Ed.), *Paper presented at the University of Cape Coast-Harper Adams University Global Challenge Research Fund Networking Forum 2023, 25-28 September 2023* (pp. 1–18). GCRF Networking Forum.

Annor-Frempong, F., & **Asante, I. K.** (2023). Agricultural extension in delivering technologies to farmers in Ghana. *Paper Presented at the Regional Universities Forum for Capacity Building in Agriculture (RUFORUM) Webinar Series "Sharing What Works", Webinar 2: Harnessing Advances in Delivery of Agricultural Technologies, 06th September 2023*, 1–6.

Mahamah, R., **Asante, I. K.**, Awini, A., Hammond, P., & Hayford, S. K. (2021, July 5-8.). *E-Learning Platform Preferences of Graduate Students of the University of Education, Winneba-Ghana* [Paper Presentation]. Association of African Universities 2021 Conference, Virtual. Pp:1–16.

Mahamah, R., **Asante, I. K.**, & Hayford, S. K. (2021, July15-16). *Attitudinal, Normative and Control Beliefs underlying Postgraduate Students' Adoption of the Learning Management System for E-learning at the University of Education, Winneba- Ghana* [Paper Presentation]. International Multi-Disciplinary Conference for Post-Graduate Students 2021 Conference, Winneba, Ghana. Pp: 1–21.

Omega, S., Annor-Frempong, F., Akaba, S., Ghartey, W., Ocran, J. K., & **Asante, I. K.** (2020, December, 8-10). *Willingness to pay for drone technology in the application of pesticides for control of FallArmy Worm* [Paper Presentation]. African Association of Precision Agriculture 2020 Conference, Cape Coast, Ghana. Pp: 353–356.

REFERENCE

Professor Festus Annor-Frempong

Associate Professor

Department of Agricultural Economics and Extension

School of Agriculture

University of Cape Coast

+233 (0) 24 474 1679

Fannor-frempong1@ucc.edu.gh

Dr. Selorm Akaba

Lecturer

Department of Agricultural Economics and Extension

School of Agriculture

University of Cape Coast

+233 (0) 50 540 1918

sakaba@ucc.edu.gh

Dr. Adam Awini

Lecturer

Department of Special Education, Winneba

University of Education, Winneba

+233 (0) 50 330 9711

awiniadam@yahoo.com