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RESEARCH

Interests	Climate change adaptation · agricultural risk analysis · agricultural insurance · choice modelling · value-chain analysis
Areas	General Agricultural and Biological Sciences · Soil Science · Ecology, Evolution, Behavior and Systematics · Economics and Econometrics · Plant Science · Animal Science and Zoology

RESEARCH SUMMARY

33	1,200	9	9	1.78	24%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 33 publications listed below, 2010–2026. Field-weighted impact is the mean over the 21 works scored for it; 1.00 is the world average for works of the same field, type and year. 5 of the 21 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 29

1. Bombason Kweku Tuoho, **Samuel Kwesi Ndzebah Dadzie**, Julius Kofi Hagan, Martin Bosompem, Robert Aidoo, Wisdom Makafui Tsetse, Isaac Kwasi Asante (2026). Drivers of agricultural students' career choices in the broiler value chain in Ghana. *Discover Agriculture*. https://doi.org/10.1007/s44279-026-00556-w
2. Tebogo Mokumako, **Samuel Kwesi Ndzebah Dadzie**, Zorinah Naledi Letebele, Sanderson Abel (2025). Assessment of food insecurity status among smallholder arable farmers in the Central District of Botswana. *Discover Food*. https://doi.org/10.1007/s44187-025-00591-4
3. Emmanuel W. Inkoom, **Samuel K. N. Dadzie** (2025). Cocoa Farmers' Preference and Willingness to Pay for Climate-Smart Extension Services (CES): A Choice Experiment Approach. *SAGE Open*. https://doi.org/10.1177/21582440251335857
4. Bombason Kweku Tuoho, **Samuel Kwesi Ndzebah Dadzie**, Julius Kofi Hagan, Martin Bosompem, Edward Adu-Kyei (2025). Comparative analysis of the profit efficiency levels among the major actors in broiler value chain in Ghana. *Cogent Food & Agriculture*. https://doi.org/10.1080/23311932.2024.2447386
5. Tebogo Mokumako, **Samuel Kwesi Ndzebah Dadzie**, Henry Nana De-Graft Acquah, Alexander Tetteh Kwasi Nuer, Emmanuel Wisgtos Inkoom, Michael Robert Nkuba (2025). Effects of timeliness and quality of tractor-hire services on smallholder farmers' technical, allocative, and economic efficiencies: Evidence from Botswana. *Scientific African*. https://doi.org/10.1016/j.sciaf.2025.e02744
6. Bombason Kweku Tuoho, **Samuel Kwesi Ndzebah Dadzie**, Julius Kofi Hagan, Martin Bosompem, Robert Aidoo, Isaac Kwasi Asante (2025). Examining the Perception of Undergraduate Students Towards Choosing Broiler Value Chain Business as a Vocation After Graduation. *SAGE Open*. https://doi.org/10.1177/21582440251377153
7. **Samuel K. N. Dadzie**, Isaac Dasmani, Franklin T. Odamtten, Emmanuel W. Inkoom (2025). Risk attitudes towards climate variation and food crop diversification, and their implications for food security among farm households in Central Region, Ghana. *Food Security*. https://doi.org/10.1007/s12571-025-01571-3
8. Rebecca Owusu, **Samuel Kwesi Ndzebah Dadzie**, Ernest Teye (2024). Consumer preference for ripped plantain powder for plantain fritters (kaklo) in Cape Coast, Ghana. *African Journal of Economic and*

Management Studies. https://doi.org/10.1108/ajems-06-2024-0333

9. Kwaku Boakye, Yu-Feng Lee, Festus F. Annor, **Samuel K. N. Dadzie**, Iddrisu Salifu (2024). Data Envelopment Analysis (DEA) to Estimate Technical and Scale Efficiencies of Smallholder Pineapple Farmers in Ghana. *Agriculture*. https://doi.org/10.3390/agriculture14071032
10. EMMANUEL WISGTOS INKOOM, **SAMUEL KWESI NDZEBAH DADZIE** (2024). MULTIVARIATE PROBIT MODELING OF CLIMATE-SMART ADAPTATION CHOICES AMONG FARMERS IN SUB-SAHARAN AFRICA: GHANAIAN STUDY OF COCOA FARMERS. *Climate Change Economics*. https://doi.org/10.1142/s2010007824500076
11. Augustine Koufie, Henry de-Graft Acquah, **Samuel Kwesi Ndzebah Dadzie** (2024). Risk Optimality and, Subscription and Subscription Intensity of Weather Index Insurance: Application of T-MOTAD and Negative Binomial Double Hurdle Model. *Agris on-line Papers in Economics and Informatics*. https://doi.org/10.7160/aol.2024.160408
12. **Samuel Kwesi Ndzebah Dadzie** (2023). Maize farmers' adaptation to drought: Do risk attitudes and perceived risk probability matter? *Cogent Food & Agriculture*. https://doi.org/10.1080/23311932.2023.2266197
13. **Samuel Kwesi Ndzebah Dadzie**, William Larbi, William Ghartey (2022). Characterizing Risk Behaviour of Maize Farmers using the Experimental Gambling Approach: An Empirical Study in Ghana. *Caraka Tani Journal of Sustainable Agriculture*. https://doi.org/10.20961/carakatani.v37i2.52996
14. **Samuel Kwesi Ndzebah Dadzie**, Isaac Mbroh, William Ghartey, Albert O. Mensah (2022). Economic valuation of consumers' preferences for bush yam attributes: Implications for breeding commercial crop in Ghana. *Journal of Business and Enterprise Development (JOBED)*. https://doi.org/10.47963/jobed.v10i.887
15. EW Inkoom, Henry D Acquah, **SKN Dadzie** (2022). Examining drivers of technical, allocative and economic efficiencies in cocoa farming: empirical evidence from Ghana. *Ghana Journal of Development Studies*. https://www.researchgate.net/profile/Emmanuel-Inkoom/publication/364743640_Examining_drivers_of_technical_allocative_and_economic_efficiencies_in_cocoa_farming_empirical_evidence_from_Ghana/links/6373664f37878b3e87b14fbc/Examining-drivers-of-technical-allocative-and-economic-efficiencies-in-cocoa-farming-empirical-evidence-from-Ghana.pdf
16. **Samuel K. N. Dadzie**, Joseph Ndebugri, Emmanuel W. Inkoom, Samuel Akuamoah-Boateng (2022). Social networking and risk attitudes nexus: implication for technology adoption among smallholder cassava farmers in Ghana. *Agriculture & Food Security*. https://doi.org/10.1186/s40066-022-00376-3
17. R Owusu, **Samuel Kwesi Ndzebah Dadzie** (2021). Heterogeneity in consumer preferences for organic and genetically modified food products in Ghana. *African Journal of Agricultural and Resource Economics Volume*. https://ageconsearch.umn.edu/record/333942/
18. **Samuel Kwesi Ndzebah Dadzie**, Emmanuel W. Inkoom, Selorm Akaba, Festus Annor-Frempong, James Afful (2021). Sustainability responses to climate-smart adaptation in Africa: implication for food security among farm households in the Central Region of Ghana. *African Journal of Economic and Management Studies*. https://doi.org/10.1108/ajems-04-2019-0155
19. Isaac Dasmani, **Samuel K. N. Dadzie** (2021). Weather Differentials and Discount Rate Impact on Farmers' Net Revenue: Modeling Results from Ghanaian Data Focusing on Different Agro-Climatic Zones. *Journal of Extreme Events*. https://doi.org/10.1142/s2345737621500123
20. **SAMUEL KWESI NDZEBAH DADZIE** (2020). FARMERS' PERCEPTION OF CLIMATE CHANGE COMPARED WITH OBJECTIVE DATA: EVIDENCE FROM THE CENTRAL REGION OF GHANA. *Climate Change Economics*. https://doi.org/10.1142/s2010007820500153
21. Inkoom, Emmanuel Wisgtos, **Dadzie, Samuel Kwesi Ndzebah**, Ndebugri, Joseph, Inkoom, Emmanuel Wisgtos, Dadzie, Samuel Kwesi Ndzebah, Ndebugri, Joseph (2020). Promoting Improved Agricultural Technologies to Increase Smallholder Farm Production Efficiency: Ghanaian Study of Cassava Farmers. *RePEc: Research Papers in Economics*. https://doi.org/10.22004/ag.econ.305329
22. **SAMUEL DADZIE**, S Dadzie (2015). Impact of Mass Drug Administration (MDA) on the Transmission of Lymphatic Filariasis in Tono Irrigation Area in Navrongo, Ghana. *Journal of Biology, Agriculture and Healthcare*. https://www.academia.edu/download/111806690/234660984.pdf

23. **Samuel Kwesi Ndzebah Dadzie**, Henry de-Graft Acquah (2012). Attitudes Toward Risk and Coping Responses: The Case of Food Crop Farmers at Agona Duakwa in Agona East District of Ghana. *International Journal of Agriculture and Forestry*. https://doi.org/10.5923/j.ijaf.20120202.06

24. **Ndzebah Dadzie** (2010). Amapplication of the von Cramon-Taubade and Loyerror correction modesinanalyzingasymmetricadjustiment between retailwholesalemaizepricesin Ghana. *Jonal of Developinenfand'4gricifiral ECOHOTiCS, Vol2 (4)*.

25. Henry de-Graft Acquah, **SKN Dadzie** (2010). An application of the von Cramon-Taubadel and Loy error correction models in analyzing asymmetric adjustment between retail and wholesale maize prices in Ghana. *Journal of Development and Agricultural Economics*. https://academicjournals.org/article/article1379428298_Acquah%20and%20Dadzie.pdf

26. **S. K. N. Dadzie** (2010). Gender Difference And Farm Level Efficiency: Metafrontier Production Function Approach. *Journal of Development and Agricultural Economics, ISSN 2006- 9774 ©2010*. https://academicjournals.org/journal/JDAE/article-full-text-pdf/C4CE7CA2117.pdf

27. David O. Yawson, Frederick Ato Armah, **Samuel Kwesi Ndzebah Dadzie** (2010). Ghana's Right to Information Bill: Opportunity for SDI as a Technical Infrastructure. *International Journal of Spatial Data Infrastructures Research*, ,. https://doi.org/10.2902/ijsdir.v5i5.172

28. Frederick A Armah, EKA Afrifa, **SKN Dadzie** (2010). Ghana's fertilizer subsidy policy: early field lessons from farmers in the central region. *Journal of sustainable development in Africa*. https://www.academia.edu/download/70946772/GHANAS_FERTILIZER_SUBSIDY_POLICY_EARLY_20211001-12136-wbuosa.pdf

29. **Samuel Kwesi Ndzebah Dadzie** (2010). Women Empowerment Through Microcredit: Evidence From The Rural Farming Areas In The Central Region Of Ghana. *International Journal of Human Development and Information System*.

Book chapters 1

1. **SKN Dadzie** (2019). Implication of Subjective Probabilities of Extreme Weather Events Associated with Climate Change (SPEWEACCs) for Climate Risk Assessment and Farm Adaptation Choices: A Study of …. *Advancing climate change research in Africa; Trends, Impacts, vulnerability, Resilience, Adaptation and Sustainability Issue.*. https://scholar.google.com/scholar?cluster=15354875263103682320&hl=en&oi=scholarr

Conference papers 1

1. **Samuel Kwesi Ndzebah Dadzie** (2012). Effect Of Climate Change Outcomes On Food Production And Implication For Food Security: A Ghanaian Case Study. *Proceedings of International Conference on Climate Change and Sustainable Development in Africa, University of Cape Coast and University of Ilorin, Nigeria*.

Reports 1

1. **Samuel Kwesi Dadzie** (2012). Adoption of modern agricultural production technologies by farm households in Ghana: What factors influence their decisions. *International Institute for Science*. https://www.academia.edu/download/13090299/11._1-13_Adoption_of_Modern_Agricultural_Production_Technologies_by_Farm_Households_in_Ghana.pdf

Theses 1

1. **Samuel Kwesi Ndzebah Dadzie** (2016). Decision Behaviour Under Risk and Climate Change Adaptation Among Food Crop Farmers in Ghana. *University of Reading, School of Agriculture, Policy and Development*. https://scholar.google.com/scholar?cluster=3814840263554788409&hl=en&oi=scholarr