Ernest L. Okorley

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RESEARCH

Interests: Agricultural Extension Management · Nonprofits Management · Sustainable Systems · Group Dynamics · Monitoring

Areas: General Agricultural and Biological Sciences · Plant Science · Ecology, Evolution, Behavior and Systematics · Horticulture · Business and International Management · Sociology and Political Science

RESEARCH SUMMARY

52	387	11	13	3.55	26%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 52 publications listed below, 2000–2026. Field-weighted impact is the mean over the 19 works scored for it; 1.00 is the world average for works of the same field, type and year. 5 of the 19 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Professor of Extension and Community Development 2000–present
Agricultural Economics and Extension, University of Cape Coast, Ghana, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

MPhil, B.Sc. &. Dip. Ed
School of Agriculture, University of Cape Coast, Cape Coast, Ghana

PhD
School of Agriculture and Environment, Massey University, Palmerston North, New Zealand

PUBLICATIONS

Journal articles 48

1. Fred Ankuyi, **Ernest Laryea Okorley**, Fatimah Von Abubakari, Enoch Kwame Tham-Agyekum (2026). Communication channels for promoting regenerative agricultural practices among maize farmers: preferences and predictors in Ghana's transitional belt. *Frontiers in Sustainable Food Systems*. https://doi.org/10.3389/fsufs.2026.1961960
2. Fred Ankuyi, **Ernest Laryea Okorley**, Fatimah Von Abubakari, Enoch Kwame Tham-Agyekum (2026). Knowledge is necessary but not sufficient: drivers of knowledge of regenerative agriculture among maize farmers in Ghana. *Saudi Journal of Food Security and Environmental Sustainability*. https://doi.org/10.1007/s44522-026-00006-3
3. **Ernest Laryea Okorley** (2025). Mediating Role of Information Management Between Supportive Learning Culture and Learning Application in Enhancing Organizational Learning Capacity. *Organization Development Journal*.
4. Enoch Kwame Tham-Agyekum, Beatrice Offeibea Awuku, Fred Ankuyi, Patrick Appiah, Collins Osei, John-Eudes Andivi De Bakang, **Ernest Laryea Okorley** (2024). Dimensions of Accessibility and Use of Information Communication Technology Among Cocoa Farmers in Atwima Mponua District, Ghana.

Journal of Agricultural Extension. https://doi.org/10.4314/jae.v28i1.1

5. Kaakyire Opoku-Acheampong, Enoch Kwame Tham-Agyekum, Fred Ankuyi, **Ernest Laryea Okorley**, John-Eudes Andivi Bakang, Fred Nimoh (2024). Effect of adoption of conservation agriculture on household food security of smallholder maize farmers in Ghana. *Environmental and Sustainability Indicators*. https://doi.org/10.1016/j.indic.2024.100436
6. Enoch Kwame Tham-Agyekum, Fred Ankuyi, Prince Asiedu, Akua Yeboah Oduro-Owusu, **Ernest Laryea Okorley**, Stephen Prah, John-Eudes Andivi Bakang, Prince Amoako (2023). Demand for and intensity of use of extension services among cocoa farmers in Ghana: the heckpoisson approach. *International Journal Of Humanities Education and Social Sciences (IJHESS)*. https://doi.org/10.55227/ijhess.v3i3.767
7. Gifty-Maria Sangber-Dery, Enoch Kwame Tham-Agyekum, Fred Ankuyi, John-Eudes Andivi Bakang, Nathaniel Nii Lartey Lartey, **Ernest Laryea Okorley**, Ebenezer Osei Jones, David Boansi (2023). Farm operation injuries among cocoa famers in Ghana: Investigating the causes, choice of treatment and compliance to safety standards. *African Journal of Science Technology Innovation and Development*. https://doi.org/10.1080/20421338.2023.2247754
8. Enoch Kwame Tham-Agyekum, Camillus Abawiera Wongnaa, Nana Afranaa Kwapong, David Boansi, Fred Ankuyi, Stephen Prah, John-Eudes Andivi Bakang, **Ernest Laryea Okorley**, Ezekiel Laten (2023). Impact of children's appropriate work participation in cocoa farms on household welfare: Evidence from Ghana. *Journal of Agriculture and Food Research*. https://doi.org/10.1016/j.jafr.2023.100901
9. Angela Otiwaa Acheampong, Enoch Kwame Tham-Agyekum, Fred Ankuyi, Fred Nimoh, **Ernest Laryea Okorley**, John-Eudes Andivi Bakang, Justice Frimpong-Manso (2023). MEASURING THE KNOWLEDGE, ATTITUDE, SKILLS AND ASPIRATIONS OF COCOA FARMERS TOWARDS THE USE OF PESTICIDES. *Agricultural Social Economic Journal*. https://doi.org/10.21776/ub.agrise.2023.023.3.11
10. ANNOR-FREMPONG FESTUS, **EL Okorley**, Selorm Akaba, A Obeng-Mensah (2023). Maize farmers' preferred option for Fall Armyworm control, and factors influencing their preference: A case of Northern Ghana. *ADRRI Journal of Agriculture and Food Sciences*. https://www.researchgate.net/profile/Isaac-Asante-4/publication/374372413_Maize_farmers'_preferred_option_for_Fall_Armyworm_control_and_factors_influencing_their_preference_A_case_of_Northern_Ghana/links/651a7bca1e2386049def3f6d/Maize-farmers-preferred-option-for-Fall-Armyworm-control-and-factors-influencing-their-preference-A-case-of-Northern-Ghana.pdf
11. Philip Jimia Kamanda, Masa Veronicah Motaung, **Ernest Laryea Okorley** (2023). Socio-demographic Characteristics of Smallholder Farmers That Influence Their Competence in Rice Post-Harvest Value Addition, Southern Region of Sierra Leone. *Universal Journal of Agricultural Research*. https://doi.org/10.13189/ujar.2023.110402
12. Angela Otiwaa Acheampong, Enoch Kwame Tham-Agyekum, Fred Ankuyi, John-Eudes Andivi Bakang, **Ernest Laryea Okorley**, Danley Colecraft Aidoo, Ebenezer Osei Jones (2023). The Gender Differential Analysis: Knowledge, Attitude, Practices and Aspirations of Pesticide Use Among Cocoa Farmers In Asamankese Cocoa District, Ghana. *International Journal on Food Agriculture and Natural Resources*. https://doi.org/10.46676/ij-fanres.v4i4.166
13. E. Antwi, E.K. Tham-Agyekum, D.C. Aidoo, **E.L. Okorley**, J.-E.A. Bakang, D. Boansi, B.O. Asante (2022). COMMUNICATING WITH RADIO: EXAMINING THE EXPERIENCES AND PERCEPTIONS OF FARMERS IN GHANA. *Russian Journal of Agricultural and Socio-Economic Sciences*. https://doi.org/10.18551/rjoas.2022-01.06
14. Britwum AKUA OPOKUA, **E Okorley** (2022). Challenging Gender Orders? Small Ruminant Husbandry Interventions in Ghana's Upper West Region. *Feminist Africa*. https://www.jstor.org/stable/48728282
15. J Tham-Agyekum, F Nimoh, JE Bakang, K Amankwah, **Ernest Laryea Okorley** (2022). Farmer business school participation in Ghana: Implications for market orientation, entrepreneurial proclivity and livelihood performance. *Journal of Agriculture and Crops*. https://ideas.repec.org/a/arp/jacarp/2022p1-6.html
16. EK Tham-Agyekum, **Ernest Okorley**, K AMANKWAH, JE BAKANG, F Nimoh (2022). Perceptions of Entrepreneurial Orientation and Livelihood Performance of Cocoa Farmers in Ghana: The Unique Effect of Proactiveness, Risk Taking and Innovativeness. *Sochi Journal of Economy*. https://scholar.google.com/

scholar?cluster=2558699390326094184&hl=en&oi=scholarr

17. Enoch Kwame Tham-Agyekum, **Ernest Laryea Okorley**, Joseph Kwarteng, John-Eudes Andivi Bakang, Fred Nimoh (2021). Enhancing Market Orientation of Cocoa Farmers through Farmer Business Schools: The Ghana Cocobod Experience. *Asian Journal of Agriculture and Rural Development*. https://doi.org/10.18488/journal.ajard.2021.111.129.138
18. F Tham-Agyekum, **Ernest Laryea Okorley**, F Nimoh (2021). Exploring the Critical Determinants of Market Orientation of Cocoa Farmers in Ghana. *Journal of Advocacy, Research and Education*. https://kadint.net/journals_n/1629190726.pdf
19. EK Tham-Agyekum, **Ernest Laryea Okorley**, F Nimoh, JE Bakang (2021). Market Orientation and Entrepreneurial Proclivity as Antecedents of Innovative Behaviour: Implications for Cocoa Farmers in Ghana. *Journal of Agriculture and Crops*. https://ideas.repec.org/a/arp/jacarp/2021p132-139.html
20. EK Tham-Agyekum, **Ernest L Okorley** (2019). Alternative livelihood support for reducing poverty: snail project for Kwaprow Community in Cape Coast. *J Advocacy Res Educ*. https://www.academia.edu/download/77081908/1572372799.pdf
21. Omer Ali Mohammed Abdalla, **Ernest Laryea Okorley**, Samuel Akuamoah Boateng (2018). Perceived Level and Farmer Characteristics Factors Associated with Level of Environmental Sustainability of Cotton Farming System in the Sudanese Gezira Scheme. *International Journal of Sustainable Development & World Ecology*. https://doi.org/10.1080/13504509.2018.1431972
22. **Ernest L. Okorley** (2017). Farm Operations and Injury Risks to Children in Cocoa Households in the Western Region of Ghana: Implications for Extension Education. *Journal of International Agricultural and Extension Education*. https://doi.org/10.5191/jiaee.2016.24106
23. **Ernest L. Okorley**, Alberta A. Owusu, Samuel Akuamoah-Boateng (2017). The willingness of undergraduate students to volunteer for NGO work: a Ghanaian case study. *International Journal of Social Economics*. https://doi.org/10.1108/ijse-10-2015-0284
24. VON Abubakari, **Ernest L Okorley** (2015). Strategies for Managing Vulnerability of Women Vegetable Farmers in the Central Region of Ghana. *Journal of Sustainable Development in Africa*. https://jsd-africa.com/Jsda/Vol17No5-Fall15A/PDF/Strategies4managing%20Vulnerability-Abubakari.pdf
25. Solomon Kodjo DARKEY, B.M. DZOEMKU, **E.L. OKORLEY** (2014). CONTRIBUTION OF URBAN VEGETABLE PRODUCTION TO FARMERS' LIVELIHOOD: A CASE OF THE KUMASI METROPOLIS OF ASHANTI REGION OF GHANA. *DOAJ (DOAJ: Directory of Open Access Journals)*.
26. **Ernest L. Okorley** (2014). Contribution of Urban Vegetable Production to Farmers' Livelihood: A Case of the Kumasi Metropolis of Ashanti Region, Ghana. *strategies*. https://www.academia.edu/download/79027992/Art12.pdf
27. **Ernest L. Okorley**, Gabriel Adjaro, Martin Bosompem (2014). The Potential of Farmer Field School in Cocoa Extension Delivery:A Ghanaian Case Study. *Journal of International Agricultural and Extension Education*. https://doi.org/10.4148/2831-5960.1230
28. **EL Okorley**, L Acheampong (2014). The current status of mango farming business in Ghana: A case study of mango farming in the Dangme West District. *Ghana Journal of Agricultural Science*. https://www.ajol.info/index.php/gjas/article/view/107031/96933
29. **EL Okorley** (2013). Professional and technical competencies of extension agents as perceived by male and female farmers and the extension agents themselves: The need for data source triangulation. *Journal of Agriculture and Biodiversity Research*. https://scholar.google.com/scholar?cluster=15847961528089427555&hl=en&oi=scholarr
30. **EL Okorley**, M Bosompem (2012). Effects of Climate Change Outcomes on Food Production and Implication for Food Security: A Ghanaian Case Study. *Climate Change and Sustainable Development in Africa*. https://scholar.google.com/scholar?cluster=14613853332888973020&hl=en&oi=scholarr
31. **Ernest L Okorley** (2012). Factors that Can Influence Contract Farming Partnership Between Farmers and Agro-Processing Industries. A Ghanaian Case Study. *Journal of Business and Enterprise Development*.
32. **Ernest L. Okorley**, Edmund E. Nkrumah (2012). Organisational factors influencing sustainability of local non-governmental organisations. *International Journal of Social Economics*. https://doi.org/

10.1108/03068291211214190

33. **Ernest L Okorley** (2010). Towards a cross-sector pluralistic agricultural extension system in a decentralized policy context: A Ghanaian case study. *Journal of Sustainable Development in Africa*. https://www.academia.edu/download/81121540/Towards_20a_20Cross-Sector_20Pluralistic_20Agricultural_20Extension_20Okorley__20Gray__20Reid.pdf

34. **EL OKORLEY** (2009). An Investing into the Use of Pesticides by Urban and Peri-Urban vegetable growers in the Central Region of Ghana. *Innovations technologiques et productions agricoles en Afrique de l'Ouest. Exemple du Burkina Faso, du Ghana et du Togo*. https://books.google.com/books?hl=en&lr=&id=_KU9uaJFiw0C&oi=fnd&pg=PA107&dq=info:bDgfMB1YLFMJ:scholar.google.com&ots=4W7J_jO4pm&sig=RYSxvUbcRVNh4piSO3eDlhuNqTw

35. **Ernest L Okorley** (2009). Improving agricultural extension human resource capacity in a decentralized policy context: A Ghanaian case study. *Journal of International Agricultural and Extension Education*. https://www.researchgate.net/profile/David-Gray-30/publication/228435178_Improving_Agricultural_Extension_Human_Resource_Capacity_in_a_Decentralized_Policy_Context_A_Ghanaian_Case_Study/links/54483bb10cf2d62c3052a2f7/Improving-Agricultural-Extension-Human-Resource-Capacity-in-a-Decentralized-Policy-Context-A-Ghanaian-Case-Study.pdf

36. **Ernest L Okorley** (2009). Key factors of success for decentralized public agricultural extension: An expanded view from a Ghanaian case study. *Journal of Sustainable Development in Africa*. https://www.jsd-africa.com/Jsda/V10N4_Spring2009/PDF/Key%20Factors%20of%20Success.pdf

37. **Ernest L Okorley** (2008). Improving Group-Based Extension Approaches in a Decentralised Agricultural Extension Context: Key Considerations from a Ghanaian Case Study. *Journal of Extension Systems*. https://scholar.google.com/scholar?cluster=21978121955222230637&hl=en&oi=scholarr

38. **Ernest L Okorley** (2007). An operational framework for improving decentralized agricultural extension: A Ghanaian case study. *Unpublished Doctoral Thesis, Massey University, Palmerston North, New Zealand*. https://mro.massey.ac.nz/server/api/core/bitstreams/f1345ce7-af53-45a3-bfa5-b8f3e64bc5c5/content

39. **E L Okorley**, J A Kwarteng, M Owens (2007). Determinants of propensity of tertiary agricultural students in Ghana to enter agribusiness as a self-employment venture. *Ghana Journal of Agricultural Science*. https://doi.org/10.4314/gjas.v39i1.2125

40. **EL Okorley**, AO Mensah (2005). Extension Training Needs in Pesticides Use by Urban and Periurban Vegetable Growers in Central Region of Ghana. *Journal of Extension Systems*. https://scholar.google.com/scholar?cluster=18352763169534339475&hl=en&oi=scholarr

41. **EL Okorley** (2004). Farmers' attitudes and problems associated with the adoption of Cape Saint Paul resistant coconut hybrid in the Western Region of Ghana. *Agron. Afr*.

42. **EL Okorley** (2002). Current status of the use of pesticides in urban and peri-urban vegetable production in the central region of Ghana. *a workshop on the Sustainable Food Production Project, Accra, Ghana*. https://scholar.google.com/scholar?cluster=14352702427152161568&hl=en&oi=scholarr

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44. **EL Okorley** (2002). Promoting participatory technology development approach in integrated crop protection among tomato farmers in Anyima in the Kintapo district of Brong Ahafo region, Ghana. *AIAEE 2002 Proceedings of the 18th Annual Conference Durban, South Africa*. https://www.researchgate.net/profile/Ernest-Okorley-2/publication/237336042_Promoting_Participatory_Technology_Development_Approach_in_Integrated_Crop_Protection_Among_Tomato_Farmers_in_Anyima_in_the_Kintapo_District_of_Brong_Ahafo_Region_Ghana/links/56bda1d508ae6cc737c80639/Promoting-Participatory-Technology-Development-Approach-in-Integrated-Crop-Protection-Among-Tomato-Farmers-in-Anyima-in-the-Kintapo-District-of-Brong-Ahafo-Region-Ghana.pdf

45. **Ernest L Okorley** (2002). Rethinking agricultural education for sustainable development in Ghana. *Proceedings of the AIAEE 18th Annual Conference*. https://www.researchgate.net/profile/Ernest-Okorley-2/publication/242122596_Rethinking_Agricultural_Education_for_Sustainable_Development_in_Ghana/links/56bd9d4808ae6cc737c7dc0d/Rethinking-Agricultural-Education-for-Sustainable-Development-in-

Ghana.pdf

46. **EL Okorley**, AO Mensah (2002). Transfer and adoption of soil and water conservation technologies in the Tolon-Kumbungu District of Northern Region of Ghana-Research and Development Notes. *Ghana Journal of Agricultural Science*. https://www.ajol.info/index.php/gjas/article/download/1860/10857

47. **EL Okorley** (2000). Women and agro-processing in Africa: a case study of the. *Les interactions rural-urbain: circulation et mobilisation des ressources*. https://scholar.google.com/scholar?cluster=8250515571883542 41&hl=en&oi=scholarr

48. **ElL Okorley** (2000). Women and agro-processing in Africa: a case study of the state of women in fish smoking in the central region of Ghana. *Bulletin de l'APAD*. https://journals.openedition.org/apad/433

Reports 2

1. **Ernest Okorley**, R Owusu (2012). A Ghanaian case study of strategies of ensuring accountability by nongovernmental organisations. *University of Cape Coast*. https://ir.ucc.edu.gh/items/72c4fb0e-2fd9-4bf4-84c5-ba5be8c689ba

2. **Ernest L Okorley**, AO Mensah (2001). Women in Agro-processing in Ghana: A case Study of the State of Women in Small-scale Fish Processing in the Central Region of Ghana. *AIAEE*. https://www.academia.edu/download/66848344/Okorley.pdf

Theses 2

1. **Ernest L Okorley** (2013). Candidate's Declaration. *UNVERSITY OF CAPE COAST STAKEHOLDER PERCEPTION ON FACTORS INFLUENCING NGO COLLABORATION WITH GOVERNMENT IN HEALTH EDUCATION IN THE TEMA METROPOLIS BY ERIC EBO SEY Dissertation submitted to the Department of Agriculture Economics and Extension of the Faculty of Agriculture, University of Cape Coast*. https://ir.ucc.edu.gh/server/api/core/bitstreams/6d1f47f6-940e-4e81-be7f-05f65f06038e/content

2. **Ernest Okorley** (2007). An operational framework for improving decentralised agricultural extension: a Ghanaian case study: a thesis submitted in partial fulfilment of the requirement for the degree .... *Massey University*.