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RESEARCH

Interests	Ecotourism Development · Protected Areas Management · Biodiversity Conservation · Ecology
Areas	Sociology and Political Science · Forestry · Nature and Landscape Conservation · Building and Construction · Ecology · Ecology, Evolution, Behavior and Systematics

RESEARCH SUMMARY

33	322	9	9	1.89	23%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 33 publications listed below, 2013–2026. Field-weighted impact is the mean over the 26 works scored for it; 1.00 is the world average for works of the same field, type and year. 6 of the 26 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Head of Department 2006–present
Department of Ecotourism and Forest Recreation, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 31

1. Gifty Adom-Asamoah, Michael Osei Asibey, **Emmanuel Acquah**, Arnold Amoateng Anokye, Francisca Agyei (2026). Measuring service on the move: A comparative SERVQUAL analysis of inter-city bus operators in Ghana. *African Transport Studies*. https://doi.org/10.1016/j.aftran.2026.100096
2. O.O. Antobre, J. Tsagli, N. Dakpo, P. Osei-Tutu, C.A. Nsor, **E. Acquah**, W.A. Asante, B.A. Gyampoh (2026). Soil Fertility Recovery and Heavy Metal Stabilization in a Five -Year Agroforestry System on Reclaimed Gold Mine Tailings in Ghana. *Trees Forests and People*. https://doi.org/10.1016/j.tfp.2026.101310
3. Benjamin Apraku Gyampoh, P Osei-Tutu, CA Nsor, **E Acquah** (2026). Soil Nutrient Dynamics in a Five-Year Agroforestry System on Gold Mine Tailings. *Trees, Forests and People*. https://www.sciencedirect.com/science/article/pii/S2666719326001639
4. Collins Ayine Nsor, Vincent Agumenu, **Emmanuel Acquah**, Nat Owusu Prempeh, Osei Owusu Antorbre (2025). Assessment of the Structural Parameters of Vitellaria Paradoxa Cf. Gaertn. and Parkia Biglobosa (Jacq.) Benth. to Disturbance-Related Drivers in Mole National Park and Pack Adjacent Communities, in Ghana's Savannah Region. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v43i2
5. Antobre Osei Owusu, **E Acquah** (2025). Assessment of the Structural Parameters of Vitellaria Paradoxa Cf. Gaertn. and Parkia Biglobosa (Jacq.) Benth. to Disturbance-Related Drivers in Mole National Park and Pack …. *Journal of Science and Technology*. https://journal.knust.edu.gh/index.php/just/article/view/1499
6. Daniel Dompreh, **Emmanuel Acquah**, Kuranchie Emma Pearl, Sevor Dora, Mohammed Adams Latif (2025). Farmers' Indigenous knowledge of insect pollination and non-insect services in cocoa production in Offinso municipal district of Ghana. *Journal of Insect Conservation*. https://doi.org/10.1007/s10841-025-00703-6

7. Samuel Boadi, Paul Osei-Tutu, **Emmanuel Acquah**, Mary Tenkorang (2025). Physical injuries among illegal miners in Ghana: Implications for attaining the sustainable development goals. *Resources Policy*. https://doi.org/10.1016/j.resourpol.2025.105576

8. George Owusu, Alexander K. Anning, **Emmanuel Acquah**, Ebenezer J.D. Belford (2025). Plant community assemblage and carbon stock along topographic and soil gradients in the Ankasa conservation area, Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2025.e44270

9. Emmanuel Nyamekye Antwi Afari, Innocent Senyo Kwasi Acquah, Kassimu Issau, **Emmanuel Martin Acquah** (2025). Sustainable project management and project success: A review and future research directions. *Journal of Future Sustainability*. https://doi.org/10.5267/j.jfs.2025.9.006

10. Patrick Opoku, Collins Ayine Nsor, **Emmanuel Acquah**, Dorothy Asare Akoto, Norbert Weber (2024). Actor and power analysis in urban forests and green spaces management. Insights from the Garden City of West Africa. *Forest Policy and Economics*. https://doi.org/10.1016/j.forpol.2024.103389

11. James S. Kaba, Ernest K. Agyei, Mohan Krishna Chowdry Avilineni, Fred A. Yamoah, Ibrahim Issahaku, Priscilla Ntiamoah, **Emmanuel Acquah**, Mustapha Mas-Ud (2024). Agroforestry as an old approach to a new challenge of combating climate change: a critical analysis of the cocoa sector. *Discover Agriculture*. https://doi.org/10.1007/s44279-024-00120-4

12. Isaac Kofi Yankson, Samuel Okyere, Fred Wireko-Manu, Emmanuel Dugan, Akua Fosua Ampomah, **Emmanuel Acquah**, Ebenezer Yeboah-Adjei, Paul Okyere, Akua Koaso Yalley, Daniel Asenso-Gyambibi, Peter Donkor, Charles Mock, Francis Kwaku Afukaar (2024). Assessment of particulate matter concentrations and air quality index during road construction-related activities in Ghana. *Discover Environment*. https://doi.org/10.1007/s44274-024-00172-9

13. **Emmanuel Acquah**, Joseph Sekyi-Ansah (2024). Experimental studies on fillet weldment joints by artisans in Ghana's Western Region. *Journal of the Ghana Institution of Engineering (JGhIE)*. https://doi.org/10.56049/jghie.v24i1.144

14. **Emmanuel Acquah**, Osei Owusu Antobre, Gifty Adom-Asamoah, Patrick Opoku (2024). Understanding Visitor Experiences and Motivations Through an Importance-Satisfaction Analysis of a Protected Area in Ghana. *Tourism Planning & Development*. https://doi.org/10.1080/21568316.2024.2365380

15. Samuel Boadi, Collins Ayine Nsor, **Emmanuel Acquah**, Christable Hammond, Nat Owusu-Prempeh, Rockson Acolatse (2023). Variability in forest tree species composition and diversity in different aged cocoa agroforests of Ghana. *Agroforestry Systems*. https://doi.org/10.1007/s10457-023-00903-6

16. **Emmanuel Acquah**, Collins Ayine Nsor, Samuel Boadi, Edwin Agyapong Owusu (2022). Effects of environmental factors on the distribution of flagship species in Bomfobiri Wildlife Sanctuary, Kumawu, Ghana: Implications for conservation and ecotourism development. *African Journal of Ecology*. https://doi.org/10.1111/aje.13077

17. George Owusu, Alexander K. Anning, Ebenezer J.D. Belford, **E. Acquah** (2022). Plant species diversity, abundance and conservation status of the Ankasa Resource Reserve, Ghana. *Trees Forests and People*. https://doi.org/10.1016/j.tfp.2022.100264

18. **Emmanuel Acquah**, Doreen Asieduwaa Owusu, Evans Ewald Nkrumah, Prince Anane Agyei, Richard Asare (2022). Sustainable ecotourism development and visitor satisfaction: the case of Bomfobiri Wildlife Sanctuary, Kumawu, Ghana. *International Journal of Sustainable Development & World Ecology*. https://doi.org/10.1080/13504509.2022.2105412

19. Samuel Boadi, Collins Ayine Nsor, Osei Owusu Antobre, **Emmanuel Acquah** (2021). An analysis of illegal mining on the Offin shelterbelt forest reserve, Ghana: Implications on community livelihood. *Journal of Sustainable Mining*. https://doi.org/10.46873/2300-3960.1205

20. Gilchrist K. Faith Dogor, **Emmanuel Acquah**, Alexander K. Anning (2020). Floristic Composition and Structure in Relation to Elevation in the Togo Plateau Forest Reserve in Ghana. *European Journal of Biology and Biotechnology*. https://doi.org/10.24018/ejbio.2020.1.6.133

21. Gilchrist K Faith Dogor, **Emmanuel Acquah**, Alexander K. Anning (2020). Influence of soil physicochemical parameters on species composition and structure in the Togo Plateau Forest Reserve in Ghana. *World Journal of Advanced Research and Reviews*. https://doi.org/10.30574/wjarr.2020.8.3.0480

22. **E Acquah** (2020). Occupational health and safety management in small-scale mining: focus on female workers in Ghana. *Academic Research International*. http://www.savap.org.pk/journals/ARInt./Vol.11(3)/ARInt.2020(11.3-02).pdf

23. Collins Ayine Nsor, **Emmanuel Acquah**, Grace Mensah, Vincent Kusi-Kyei, Samuel Boadi (2018). Avian Community Structure as a Function of Season, Habitat Type, and Disturbance, in Mole National Park, Northern Region (Ghana). *International Journal of Ecology*. https://doi.org/10.1155/2018/2045629

24. Samuel Boadi, Collins Ayine Nsor, Daniel Haruna Yakubu, **Emmanuel Acquah**, Osei Owusu Antobre (2017). Conventional and Indigenous Biodiversity Conservation Approach: A Comparative Study of Jachie Sacred Grove and Nkrabea Forest Reserve. *International Journal of Forestry Research*. https://doi.org/10.1155/2017/1721024

25. P. P. Bosu, **E. Acquah**, R. O. Boamah (2017). Evaluation of four insecticides to protect Nauclea diderrichii (Rubiaceae) seedlings against Orygmophora mediofoveata (Lepidoptera: Noctuidae) shoot borer damage. *International Journal of Tropical Insect Science*. https://doi.org/10.1017/s1742758417000236

26. **Emmanuel Acquah**, Collins Ayine Nsor, Emmanuel Kwamena Arthur, Samuel Boadi (2017). The socio-cultural impact of ecotourism on park-adjacent communities in Ghana. *DOAJ (DOAJ: Directory of Open Access Journals)*.

27. Samuel Boadi, Collins Ayine Nsor, Osei Owusu Antobre, **Emmanuel Acquah** (2016). An analysis of illegal mining on the Offin shelterbelt forest reserve, Ghana: Implications on community livelihood. *Journal of Sustainable Mining*. https://doi.org/10.1016/j.jsm.2016.12.001

28. **Emmanuel Acquah**, Rick Rollins, Philip Dearden, Grant Murray (2016). Concerns and benefits of park-adjacent communities in Northern Ghana: the case of Mole National Park. *International Journal of Sustainable Development & World Ecology*. https://doi.org/10.1080/13504509.2016.1221480

29. Antobre Osei Owusu, **E Acquah** (2016). Seasonal dynamics of physico-chemical characteristics in Wetlands of Northern Region (Ghana): implications on the functional status. *Int J Aquat Sci*. https://www.academia.edu/download/76815393/article_70935_4922a05af9168ed8e973a71a84dd4ef3.pdf

30. Antobre Osei Owusu, **E Acquah** (2015). Establishing the Driving Forces and Modeling of flooding in the Lafa River Basin, Accra, Ghana. *American Journal of Engineering Research (AJER)*. https://www.academia.edu/download/46775790/Lafa.pdf

31. **Emmanuel Acquah**, Philip Dearden, Rick Rollins (2015). Nature-based tourism in Mole National Park, Ghana. *African Geographical Review*. https://doi.org/10.1080/19376812.2015.1088389

Theses 2

1. **E Acquah** (2019). Survival analysis of dropout rate of beneficiaries of Compassion international programme. *KNUST*. https://scholar.google.com/scholar?cluster=4516387270774730201&hl=en&oi=scholarr

2. **E Acquah** (2013). Human-wildlife interactions, nature-based tourism, and protected areas management: the case of Mole National Park and the adjacent communities in Ghana. *University of Victoria (Canada)*. https://search.proquest.com/openview/c3db028d075e100cff18c6aa0424c476/1.pdf?pq-origsite=gscholar&cbl=18750