Michael Ansong

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RESEARCH

Interests	Weed seed spread · Forestry · Environmental and Natural Resource Management · Biological conservation · biological invasion
Areas	Global and Planetary Change · Plant Science · Nature and Landscape Conservation · Insect Science · Building and Construction · Forestry

RESEARCH SUMMARY

57	2,291	20	32	5.29	24%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 57 publications listed below, 2011–2026. Field-weighted impact is the mean over the 34 works scored for it; 1.00 is the world average for works of the same field, type and year. 8 of the 34 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2016–present
FRNR, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

EDUCATION AND QUALIFICATIONS

PhD 2012–2016
School of Environment, Griffith University, Gold Coast, Australia

MSc Natural Resources Management 2008–2010
Biology, Norwegian University of Science and Technology, Trondheim, Norway

BSc(Hons) Natural Resources Management 2003–2007
Silviculture and Forest Management, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

PUBLICATIONS

Journal articles 51

1. Kwadwo Boakye Boadu, Bernard De-Graft Sackey, Jessica Osei Agyemang, Christable Achiaa Agyapong, Rogerson Anokye, **Michael Ansong** (2026). Effects of surface treatment and joint configuration on the mechanical performance of single finger-joined Terminalia superba and Cylicodiscus gabunensis wood. *Wood Material Science and Engineering*. https://doi.org/10.1080/17480272.2026.2632776
2. KB Boadu, R Anokye, **M Ansong** (2026). Emission Profiles and Toxicity Assessment of Sawdust–Waste Paper Briquettes for Clean Household Energy: Sawdust-Waste Paper Briquette Emissions and Toxicity. *Journal of Science and Technology (Ghana)*. https://www.ajol.info/index.php/just/article/view/334516
3. Benjamin Wiafe Asare, **Michael Ansong**, Kwadwo Boakye Boadu, Prince Owusu (2026). Improving carbon stock estimates in plantation forestry: Site-specific allometric equations for Gmelina arborea in Ghana's

Kwahu Highlands. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0355482

4. Kwadwo Boakye Boadu, Sylvia Bordoh, Michael Ayim, Caleb Arku, Ofori Attah Nkansah, Rogerson Anokye, **Michael Ansong**, Kwasi Adu Obirikorang, Richeal Akuorkor Turkson (2026). Influence of red mangrove (Rhizophora mangle) wood age on polycyclic aromatic hydrocarbons (PAHs) and heavy metal accumulation in smoked atlantic chub mackerel (Scomber colias). *Scientific African*. https://doi.org/10.1016/j.sciaf.2026.e03217
5. Kwadwo Boakye Boadu, Eunice Adum-Atta, Joana Serwaa Ameyaw, **Michael Ansong**, Rogerson Anokye (2026). Wood species misrepresentation in Ghana's domestic timber retail trade: Stakeholder perspectives, drivers, and policy responses. *Social Sciences & Humanities Open*. https://doi.org/10.1016/j.ssaho.2026.102972
6. Alessandra Kortz, Martin Hejda, Jan Čuda, Zarah Pattison, Josef Brůna, Ana Novoa, Jan Pergl, Pavel Pipek, Kateřina Štajerová, Paulina Anastasiu, … **Michael Ansong** and 63 others (2025). A global synthesis of naturalised and invasive plants in aquatic habitats. *NeoBiota*. https://doi.org/10.3897/neobiota.102.151156
7. Kwadwo Boakye Boadu, Kingsley Agyapong Boakye, Rogerson Anokye, **Michael Ansong** (2025). From Timber to Steel:. *Journal of African Real Estate Research*. https://doi.org/10.15641/jarer.v10i2.1778
8. Sven Bacher, Ellen Ryan-Colton, Mario Coiro, Phillip Cassey, Bella S. Galil, Martin A. Nuñez, **Michael Ansong**, Katharina Dehnen-Schmutz, Georgi Fayvush, Romina D. Fernandez and 65 others (2025). Global Impacts Dataset of Invasive Alien Species (GIDIAS). *Scientific Data*. https://doi.org/10.1038/s41597-025-05184-5
9. Desmond Asare, **Michael Ansong**, Boateng Kyereh, Frederick Gyasi Damptey, Winston Adams Asante (2024). Contribution of early succession regeneration plants to heavy metal remediation in abandoned Artisanal small-scale mining sites in Ghana. *Scientific African*. https://doi.org/10.1016/j.sciaf.2024.e02249
10. Helen E. Roy, Aníbal Pauchard, Peter J. Stoett, Tanara Renard Truong, Laura A. Meyerson, Sven Bacher, Bella S. Galil, Philip E. Hulme, Tohru Ikeda, Sankaran Kavileveettil, … **Michael Ansong** and 77 others (2024). Curbing the major and growing threats from invasive alien species is urgent and achievable. *Nature Ecology & Evolution*. https://doi.org/10.1038/s41559-024-02412-w
11. Desmond Asare, **Michael Ansong**, Winston Adams Asante, Boateng Kyereh (2024). Impact of different illegal Artisanal Small-Scale Mining techniques on soil properties in a major mining landscape in Ghana. *Environmental Challenges*. https://doi.org/10.1016/j.envc.2024.101008
12. Kwadwo Boakye Boadu, Charlesworth Osei Soadwa, Olivia Adamu, **Michael Ansong**, James Seutra Kaba, Rogerson Anokye (2024). The Impact of Varying Biochar Rate and Particle Size Derived from Bamboo Culm Residue and Coconut Husk Mixture on Lettuce (Lactuca sativa cv. 'Tiberius') Seed Germination and Leaf Morphology. *Journal of Sustainability Research*. https://doi.org/10.20900/jsr20240054
13. **Michael Ansong** (2024). Unintentional human-vectored dispersal contributes to the spread of high risk weed species. *Weed Research*. https://doi.org/10.1111/wre.12617
14. **Michael Ansong**, Emmanuel Opoku Yeboah, Joana Akua Serwaa Ameyaw, Kwadwo Boakye Boadu (2024). Vandalism on city trees: a case study from KNUST campus, Ghana. *Arboricultural Journal*. https://doi.org/10.1080/03071375.2024.2358689
15. **M Ansong** (2023). Chapter 4: Impacts of invasive alien species on nature, nature's contributions to people, and good quality of life. *Thematic Assessment Report on Invasive Alien Species and their Control of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (eds. Roy, HE, Pauchard, A., Stoett, P. & Renard Truong, T.) IPBES Secretariat, Bonn, Germany. https://doi. org/10.5281/zenodo*. https://scholar.google.com/scholar?cluster=11866254596793113956&hl=en&oi=scholarr
16. Kwadwo Boakye Boadu, Rosemary Nsiah-Asante, Richard Tuffuor Antwi, Kwasi Adu Obirikorang, Rogerson Anokye, **Michael Ansong** (2023). Influence of the chemical content of sawdust on the levels of important macronutrients and ash composition in Pearl oyster mushroom (Pleurotus ostreatus). *PLoS ONE*. https://doi.org/10.1371/journal.pone.0287532
17. **Michael Ansong**, Joana Akua Serwaa Ameyaw, Kwadwo Boakye Boadu, Sedomda Kpikpitse, Emmanuel Acheampong (2023). Local communities' willingness to pay for increasing the status of a Forest Reserve in

Ghana to a National Park. *Social Sciences & Humanities Open*. https://doi.org/10.1016/j.ssaho.2023.100516

18. Marc Kenis, Lakpo Koku Agboyi, Richard Adu-Acheampong, **Michael Ansong**, Stephen Arthur, Prudence Tonator Attipoe, Abdul-Salam Mahamud Baba, Patrick Beseh, Victor Attuquaye Clottey, Rofela Combey and 12 others (2022). Horizon scanning for prioritising invasive alien species with potential to threaten agriculture and biodiversity in Ghana. *NeoBiota*. https://doi.org/10.3897/neobiota.71.72577
19. Desmond Asare, **Michael Ansong**, Boateng Kyereh, Frederick Gyasi Damptey, Winston Adams Asante (2022). Mining methods exert differential effects on species recruitment at artisanal small-scale mining sites in Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2022.e09434
20. Kwadwo Boakye Boadu, **Michael Ansong**, Rogerson Anokye, Kelvin Offeh-Gyimah, Enoch Amoah (2022). Physico-thermal and emission properties of tissue cultured clone from Bambusa balcoaa (Beema bamboo) and Oxytenanthera abyssinica as sustainable solid biofuels. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0279586
21. Jones Agyei Kumi, **Michael Ansong**, Winston Asante, Boateng Kyereh (2022). Soil Properties Mediated by Topography Influence Carbon Stocks in a Teak Plantation in the Deciduous Forest Zone of Ghana. *International Journal of Forestry Research*. https://doi.org/10.1155/2022/6165758
22. Ahmed Nsiah Bempah, Boateng Kyereh, **Michael Ansong**, Winston Asante (2021). Debarking as a control method for invasive tree species management in tropical forests. *Tropical Ecology*. https://doi.org/10.1007/s42965-021-00198-7
23. **Michael Ansong**, Emmanuel Acheampong, Joana Beulah Echeruo, Samuel Nuakoh Afful, Mathias Ahimah (2021). Direct financial cost of weed control in smallholder rubber plantations. *Open Agriculture*. https://doi.org/10.1515/opag-2021-0022
24. Frank Ankomah, Kyereh Boateng, Winston Asante, **Michael Ansong** (2021). Implementation gaps in forest management prescriptions and noncompliance in forest regulations in Ghana: Case study of four forest reserves. *Environment Development and Sustainability*. https://doi.org/10.1007/s10668-021-01828-9
25. Ahmed Nsiah Bempah, Boateng Kyereh, **Michael Ansong**, Winston Asante (2021). The impacts of invasive trees on the structure and composition of tropical forests show some consistent patterns but many are context dependent. *Biological Invasions*. https://doi.org/10.1007/s10530-020-02442-y
26. CA Wongnaa, **M Ansong**, EE Nkrumah (2020). Contribution of Non-Timber Forest Products to Rural and Urban Incomes in Ghana. *Rural-Urban Linkages and Sustainable Development: case studies from Africa*. https://books.google.com/books?hl=en&lr=&id=4sXjDwAAQBAJ&oi=fnd&pg=PA101&dq=info:FcuALwWbGFQJ:scholar.google.com&ots=ERc_Ct2iOE&sig=Ex-mp_O6FWSVInNsi5FD-BNXhVo
27. Richard Osei, **Michael Ansong** (2020). Drivers of mistletoe (Tapinanthus bangwensis) density in cocoa (Theobroma cacao) agroforests in Ghana. *International Journal of Pest Management*. https://doi.org/10.1080/09670874.2020.1847356
28. **M Ansong**, BA Gyampoh (2020). First report of aquaculture-mediated introduction of the Nile tilapia, Oreochromis niloticus (Linnaeus, 1758) into Lake Bosomtwe, Ghana. *BioInvasions Record*. https://www.reabic.net/journals/bir/2020/4/BIR_2020_Obirikorang_etal.pdf
29. Frank Ankomah, Boateng Kyereh, **Michael Ansong**, Winston Asante (2020). Forest Management Regimes and Drivers of Forest Cover Loss in Forest Reserves in the High Forest Zone of Ghana. *International Journal of Forestry Research*. https://doi.org/10.1155/2020/8865936
30. Marshall Alhassan Adams, Jean Kayira, James S. Gruber, Uwafiokun Idemudia, Yitagesu Tekle Tegegne, Alhassan Nantogmah Attah, Francis Xavier Dery Tuokuu, **Micheal Ansong** (2020). Good governance practices in Ghana's FLEGT voluntary partnership agreement process: an application of Q methodology. *Journal of Environmental Policy & Planning*. https://doi.org/10.1080/1523908x.2020.1784116
31. **M Ansong** (2020). Human-mediated dispersal of the seeds of Australian weeds. *The Victorian Naturalist*. https://doi.org/10.3316/informit.734865771612941
32. Jones Agyei Kumi, Boateng Kyereh, **Michael Ansong**, Winston Asante (2020). Influence of management practices on stand biomass, carbon stocks and soil nutrient variability of teak plantations in a dry semi-

deciduous forest in Ghana. *Trees Forests and People*. https://doi.org/10.1016/j.tfp.2020.100049

33. Kwadwo Boakye Boadu, **Michael Ansong**, Kojo Agyapong Afrifah, Elizabeth Nsiah-Asante (2020). Pulp and Paper Making Characteristics of Fibers from Plantation-grownOxythenantera Abyssinicaand Beema Bamboo (A Tissue Cultured Clone fromBambusa Balcooa). *Journal of Natural Fibers*. https://doi.org/10.1080/15440478.2020.1856270

34. Richard Osei, **Michael Ansong**, Stefan Zerbe (2019). Comparison of socio-economic and ecological benefits of bamboo and trees: the perspectives of local communities in south-western Ghana. *Southern Forests a Journal of Forest Science*. https://doi.org/10.2989/20702620.2019.1581499

35. Frank Ankomah, Boateng Kyereh, Winston Asante, **Michael Ansong** (2019). Patterns of forest cover change and their association with forest management regimes of forest reserves in the high forest zone of Ghana. *Journal of Land Use Science*. https://doi.org/10.1080/1747423x.2019.1665116

36. Hanno Seebens, Tim M. Blackburn, Ellie E. Dyer, Piero Genovesi, Philip E. Hulme, Jonathan M. Jeschke, Shyama Pagad, Petr Pyšek, Mark van Kleunen, Marten Winter, … **Michael Ansong** and 39 others (2018). Global rise in emerging alien species results from increased accessibility of new source pools. *Proceedings of the National Academy of Sciences*. https://doi.org/10.1073/pnas.1719429115

37. **Michael Ansong**, Jan Pergl, Franz Essl, Martin Hejda, Mark van Kleunen, Rod Randall, Petr Pyšek (2018). Naturalized and invasive alien flora of Ghana. *Biological Invasions*. https://doi.org/10.1007/s10530-018-1860-7

38. Mark van Kleunen, Petr Pyšek, Wayne Dawson, Franz Essl, Holger Kreft, Jan Pergl, Patrick Weigelt, Anke Stein, Stefan Dullinger, Christian König, … **Michael Ansong** and 49 others (2018). The Global Naturalized Alien Flora (Glo NAF) database. *Ecology*. https://doi.org/10.1002/ecy.2542

39. CA Wongnaa, EE Nkrumah, **M Ansong** (2018). Uneven development: Urban and industrial growth and its environmental implications for rural and urban communities in Ghana. *Rural-Urban Linkages and Sustainable Development in Africa*. https://www.researchgate.net/profile/Gerald-Yiran/publication/330738738_Urbanisation_and_Smallholder_Livelihood_Security_in_Africa_A_Case_Study_of_Coping_Strategies_of_Peri-urban_Dwellers_in_Tamale/links/5c51c31fa6fdccd6b5d4def9/Urbanisation-and-Smallholder-Livelihood-Security-in-Africa-A-Case-Study-of-Coping-Strategies-of-Peri-urban-Dwellers-in-Tamale.pdf#page=51

40. **M Ansong** (2017). Factors Affecting Stakeholders' Participation in Collaborative Forest Management: The Case of Krokosua Hills Forest Reserve in Ghana. *Journal of Energy and Natural Resource Management*. http://jenrm.uenr.edu.gh/index.php/uenrjournal/article/view/89

41. **M Ansong** (2016). Experimental assessment of weed seed attaching to a mountain bike and horse under dry conditions. *Journal of Outdoor Recreation and Tourism*. https://www.sciencedirect.com/science/article/pii/S2213078016300378

42. **M Ansong** (2016). The effects of seed traits and fabric type on the retention of seed on different types of clothing. *Basic and Applied Ecology*. https://www.sciencedirect.com/science/article/pii/S1439179116300020

43. **M Ansong** (2015). Modelling seed retention curves for eight weed species on clothing. *Austral Ecology*. https://doi.org/10.1111/aec.12251

44. Nehemiah T. Odjer-Bio, Ebenezer J. D. Belford, **Michael Ansong** (2015). What is happening to our Lagoons? The example of Butuah Lagoon in Ghana. *International journal of energy and environmental engineering*. https://doi.org/10.1007/s40095-015-0165-1

45. **M Ansong** (2015). What'sa weed? Knowledge, attitude and behaviour of park visitors about weeds. *PloS one*. https://doi.org/10.1371/journal.pone.0135026

46. **M Ansong** (2014). Local communities' willingness to pay for sustainable forest management in Ghana. *Journal of Energy and Natural Resource Management*. http://jenrm.uenr.edu.gh/index.php/uenrjournal/article/view/47

47. **M Ansong** (2014). Weed seeds on clothing: A global review. *Journal of Environmental Management*. https://www.sciencedirect.com/science/article/pii/S0301479714002680

48. **M Ansong** (2013). A global review of weeds that can germinate from horse dung. *Ecological Management & Restoration*. https://doi.org/10.1111/emr.12057

49. **M Ansong** (2013). Are weeds hitchhiking a ride on your car? A systematic review of seed dispersal on cars. *PLoS One*. https://doi.org/10.1371/journal.pone.0080275

50. **M Ansong** (2013). Long-distance dispersal of Black Spear Grass (Heteropogon contortus) seed on socks and trouser legs by walkers in Kakadu National Park. *Ecological Management & Restoration*. https://doi.org/10.1111/emr.12021

51. **M Ansong** (2011). Determinants of attitudes of primary stakeholders towards forest conservation management: a case study of Subri Forest Reserve, Ghana. *International journal of biodiversity science, ecosystem services & management*. https://doi.org/10.1080/21513732.2011.613411

Book chapters 2

1. **Ansong Michael** (2026). Cross-border colonists: How naturalised species reshape prairies, Pampas, and savannas. *Routledge Handbook of Grasslands*. https://doi.org/10.4324/9781003394969-18

2. Catherine Pickering, **Michael Ansong** (2022). Nature-based Tourists as Seed Dispersal Vectors. *CABI eBooks*. https://doi.org/10.1079/9781800620544.0002

Conference papers 2

1. **M Ansong** (2023). Impacts of invasive alien species on nature, nature's contributions to people, and good quality of life. *Plenary of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services*. https://pureportal.coventry.ac.uk/en/publications/chapter-4-impacts-of-invasive-alien-species-on-nature-natures-con/

2. **M Ansong** (2014). Weed hygiene: what do we do with seeds we find on our clothing? *19th Australiasian Weeds Conference-Science, Community and Food Security: the weed Challenge*. https://www.researchgate.net/profile/Michael-Ansong-2/publication/265728077_Weed_hygiene_what_do_we_do_with_seeds_we_find_on_our_clothing/links/5419ea720cf25ebee9888407/Weed-hygiene-what-do-we-do-with-seeds-we-find-on-our-clothing.pdf

Reports 2

1. Bacher, Sven, Galil, Bella S., Nuñez, Martin A., **Ansong, Michael**, Cassey, Phillip, Dehnen-Schmutz, Katharina, Fayvush, Georgi, Hiremath, Ankila J., Ikegami, Makihiko, Martinou, Angeliki F., McDermott, Shana M., Preda, Cristina, Vilà, Montserrat, Weyl, Olaf L. F., Fernandez, Romina D., Ryan-Colton, Ellen (2023). IPBES Invasive Alien Species Assessment: Chapter 4. Impacts of invasive alien species on nature, nature's contributions to people, and good quality of life. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.7430732

2. **M Ansong** (2016). Unintentional human dispersal of weed seed. *Griffith University*. https://research-repository.griffith.edu.au/items/a4d19eaa-e6d7-541b-809a-c7f3f1e652d8