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RESEARCH

Interests	Environmental Issues · Geospatial Science · and Disaster Risk Management
Areas	Economics and Econometrics · Global and Planetary Change · Ocean Engineering · Urban Studies · Ecology · Management, Monitoring, Policy and Law

RESEARCH SUMMARY

16	99	6	4	2.00	33%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 16 publications listed below, 2020–2026. Field-weighted impact is the mean over the 15 works scored for it; 1.00 is the world average for works of the same field, type and year. 5 of the 15 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 16

1. **John Amoah-Nuamah**, Emmanuel Yeboah Okyere, Osman Adams, Brian Child (2026). Artificial intelligence for forest carbon dynamics and climate mitigation strategies. *Next Sustainability*. https://doi.org/10.1016/j.nxsust.2026.100510
2. Emmanuel Yeboah Okyere, **John Amoah-Nuamah**, Enock Aninakwah (2026). Marine resources, multi-stakeholder governance, and local livelihoods in Ghana: A case study from Ghana's Muni-Pomadze Ramsar site. *Anthropocene Coasts*. https://doi.org/10.1007/s44218-025-00111-y
3. Richard Gyamfi, Samuel Ato Andam-Arkoful, **John Amoah-Nuamah** (2026). Urban expansion and thermal transformation in the Greater Kumasi Sub-Region, Ashanti Region, Ghana. *Scientific African*. https://doi.org/10.1016/j.sciaf.2026.e03625
4. **John Amoah-Nuamah**, Brian Child, Emmanuel Yeboah Okyere, Osman Adams, Jones Abrefa Danquah (2025). Applications of artificial intelligence in forest health surveillance and management. *Discover Forests*. https://doi.org/10.1007/s44415-025-00061-w
5. **John Amoah-Nuamah**, Bismark Mensah, Clarke Ebow Yalley, Ishmael Yaw Dadson, Emmanuel Yeboah Okyere (2025). Examining the role of senior high school geography teachers in fostering environmental sustainability: educational philosophies, challenges, and innovative practices. *Discover Education*. https://doi.org/10.1007/s44217-025-00618-z
6. Emmanuel Yeboah Okyere, Jones Abrefa Danquah, Michael K. Miyittah, **John Amoah-Nuamah** (2025). Tackling microfibre pollution: a review of policy responses and circular economy innovations in textile sustainability. *Waste Management Bulletin*. https://doi.org/10.1016/j.wmb.2025.100253
7. **John Amoah-Nuamah**, Emmanuel Yeboah Okyere, Kow Ansah-Mensah, Martin Maxmillian Acquah, Millicent Obeng Addai, Richard Gyamfi (2024). Sustainable management of freshwater resources in Ghana: an analysis of the perspectives of local residents. *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2024.2343422
8. **John Amoah-Nuamah**, Williams Agyemang-Duah, Gmakikube Prosper Ninorb, Borbor Gladstone Ekeme (2023). Analysis of Spatial Distribution of Health Care Facilities and its Effects on Access to Primary Healthcare in Rural Communities in Kpandai District, Ghana. *Cogent Public Health*. https://doi.org/

10.1080/27707571.2023.2183566

9. **John Amoah-Nuamah** (2023). Exploring the local perceptions of the ecological services of Lake Bosomtwe, Ghana. *African Geographical Review*. https://doi.org/10.1080/19376812.2023.2297710
10. Adams Osman, Kow Ansah-Mensah, **John Amoah-Nuamah**, Raphael Ane Atanga (2023). Flood related depression and replacement of damaged household items. *Progress in Disaster Science*. https://doi.org/10.1016/j.pdisas.2023.100280
11. Adams Osman, K Ansah-Mensah, **J Amoah-Nuamah**, RA Atanga (2023). Flood related depression and replacement of household damaged items. *Progress in Disaster Science*.
12. **John Amoah-Nuamah**, Clarke Ebow Yalley, Martin Maxmillian Acquah, Wahab Musah-Abdul (2023). HOUSEHOLDS' LIVELIHOOD ADAPTATION STRATEGIES AFTER THE CLOSURE OF LARGE-SCALE JATROPHA INVESTMENT: A CASE OF MION DISTRICT IN THE NORTHERN REGION OF GHANA. *International Multidisciplinary Journal of Research and Education (IMJRE)*. https://doi.org/10.64712/imjre.v1i1.141
13. Enoch F. Sam, Prince Kwame Odame, **John Amoah-Nuamah** (2023). Predictors of distractive activities to walking in Accra, Ghana. *Urban Planning and Transport Research*. https://doi.org/10.1080/21650020.2023.2220574
14. **John Amoah-Nuamah**, Williams Agyemang-Duah, Bismark Mensah, Belinda Opoku (2022). University Students' Reasons and Attitudes Towards Online Gambling and its Implication on Their Lives. *Journal of Gambling Studies*. https://doi.org/10.1007/s10899-022-10143-5
15. Wahab Musah-Abdul, **John Amoah-Nuamah**, Lord Ebow Sampson (2020). Assessing the Effects of COVID-19 Pandemic Partial Lockdown of Cities on Access to Social Facilities. *Developing Country Studies*. https://doi.org/10.7176/dcs/10-6-03
16. **John Amoah-Nuamah**, Wahab Musah-Abdul, Lord Ebow Sampson (2020). Covid-19 Pandemic Partial Lockdown in Ghana and Its Implications on Livelihoods of Informal Workers in Affected Communities. *Journal of Economics and Sustainable Development*. https://doi.org/10.7176/jesd/11-8-4