Michael Ayertey Nanor

Faculty of Built Environment
Kwame Nkrumah University of Science and Technology

ORCID 0000-0003-1859-9835 · Email man.nanor@gmail.com · Google Scholar scholar.google.com/citations?user=yNN1bHEAAAAJ&hl=en · Profile knust.peerford.com/staff/d1175c0d-0b12-4530-a77b-234055f56859

RESEARCH

Interests	Urban & Regional Development Planning · Development Economics · Spatial Economics · QoL Studies · Urban Planning and Development · Quality of Life and Poverty Studies · Geospatial Planning · Spatial Planning and Econometrics · Smart Cities and AI · Transportation Planning
Areas	Urban Studies · Transportation · Soil Science · Global and Planetary Change · Sociology and Political Science · Building and Construction

RESEARCH SUMMARY

21	185	6	5	2.30	17%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 21 publications listed below, 2008–2026. Field-weighted impact is the mean over the 18 works scored for it; 1.00 is the world average for works of the same field, type and year. 3 of the 18 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2021–present
Planning, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

Lecturer 2020–2021
Water Resources and Sustainable Development, University of Environment and Sustainable Development, Somanya, Ghana

Teacher/Deputy Director 2008–2021
Mathematics, Nkwatia Presbyterian Senior High School, Nkwatia-Kwahu, Ghana

EDUCATION AND QUALIFICATIONS

Ph.D 2011–2017
Development Studies, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

MPhil 2006–2009
Economics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

BEd. 2001–2005
Social Sciences, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 21

1. Charles Boateng Opoku, Charles Peprah, Benjamin Doe, **Michael Ayertey Nanor** (2026). Institutional complexities and power structures: Shaping urban land transactions and spatial development in Sekondi-Takoradi Metropolis, Ghana. *Journal of Urban Affairs*. https://doi.org/10.1080/07352166.2026.2645847
2. Vivian Agyei, Gifty Adom-Asamoah, **Michael Ayertey Nanor**, Michael Poku-Boansi (2026). Socioeconomic and built environment determinants of walking for transportation in Kumasi, Ghana. *African Transport*

Studies. https://doi.org/10.1016/j.aftran.2026.100091

3. C Peprah, B Doe, **MA Nanor** (2026). Systemic challenges and drivers of urban transformation in the oil city of Ghana. *Discover Cities*. https://doi.org/10.1007/s44327-026-00303-2
4. Gifty Mensah, Paul Adjei Kwakwa, Michael Addaney, **Michael Ayertey Nanor**, Felix Agbatey (2026). The carbon dioxide emission effects of trade openness and tourism: Can renewable energy moderate their impact? *Frontiers in Environmental Economics*. https://doi.org/10.3389/frevc.2026.1749798
5. Mohammed Yahaya, Imoro Braimah, Albert Adu-Gyamfi, **Michael Ayertey Nanor** (2025). Built environment of basic schools and performance outcomes in rural Ghana: learners' voice. *Discover Education*. https://doi.org/10.1007/s44217-025-00483-w
6. **Michael Ayertey Nanor** (2025). Determinants of households residential mobility decision in Kumasi Ghana. *Environment Development and Sustainability*. https://doi.org/10.1007/s10668-025-06046-1
7. **Michael Ayertey Nanor**, Michael Poku-Boansi, Kwasi Kwafo Adarkwa (2025). Determinants of the Quality of Life of University Teachers: A Case of a Higher Education Institution in Ghana. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v42i4.9
8. John Makafui Bedzra, **Michael Ayertey Nanor**, Kwasi Kwafo Adarkwa (2025). Dimensions of perceived land rights and security of property in Ghana. *SN Social Sciences*. https://doi.org/10.1007/s43545-025-01132-7
9. Henry Mensah, Richmond Oppong Darko, Eric Kwame Simpeh, Patrick Opoku, Simon Kwabena Dankyi, **Michael Ayertey Nanor** (2025). Homeowners' perceptions on flood risk and willingness to relocate from ecologically sensitive floodplains in Kumasi, Ghana. *SN Social Sciences*. https://doi.org/10.1007/s43545-024-01037-x
10. Vivian Agyei, Gifty Adom-Asamoah, **Michael Ayertey Nanor**, Michael Poku-Boansi (2025). Understanding walking behaviour from an African context through the lenses of the theory of Planned behaviour. *Transportation Research Part F Traffic Psychology and Behaviour*. https://doi.org/10.1016/j.trf.2025.04.027
11. Owusu Amponsah, Otiwaa Boakye, Jacob Nchagmado Tagnan, Gideon Abagna Azunre, Foster Frempong, Stephen Appiah Takyi, **Michael Ayertey Nanor** (2025). Why are ecologically sensitive areas (ESAs) in African cities encroached on? Unveiling the encroachers' outlook. *Cities*. https://doi.org/10.1016/j.cities.2025.105761
12. Ibrahim Musah, **Michael Ayerter Nanor**, Kwasi Kwafo Adarkwa (2024). Implications of perceived tenure security and property rights protection in Burkina Faso. *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2024.2323754
13. Charles Yaw Oduro, Prince Aboagye Anokye, **Michael Ayertey Nanor** (2024). Morphological Patterns and Drivers of Urban Growth on Africa's Wetland Landscapes: Insights from the Densu Delta Ramsar Site, Ghana. *Sustainability*. https://doi.org/10.3390/su16156372
14. Kwasi Kwafo Adarkwa, **Michael Ayertey Nanor**, Michael Osei Asibey, Gideon Adu Sarfo Atta (2024). The contribution of cargo tricycles to the urban economy of Ghanaian cities; A case study of greater Kumasi metropolitan area. *African Transport Studies*. https://doi.org/10.1016/j.aftran.2024.100005
15. Emmanuel Amponsah, **Michael Ayertey Nanor**, Simon Kwabena Dankyi (2024). The determinants of citizens' perceptions of land security and property rights in Nigeria. *SN Social Sciences*. https://doi.org/10.1007/s43545-024-00876-y
16. Akosua B.K. AmakaOtchere, Akosua Baah Kwarteng Amaka-Otchere, Simon Kwabena Dankyi, **Michael Ayertey Nanor** (2023). Shades of informality: taxonomy and operational characteristics of informal economic activities in central Kumasi, Ghana. *African Geographical Review*. https://doi.org/10.1080/19376812.2023.2214796
17. Paul Adjei Kwakwa, Frank S. Arku, **Michael Ayertey Nanor** (2022). Determinants of water conservation practices among opinion leaders: evidence from Kwahu East District, Ghana. *Development in Practice*. https://doi.org/10.1080/09614524.2022.2040956
18. **Michael Ayertey Nanor**, Michael Poku-Boansi, Kwasi Kwafo Adarkwa (2021). Determinants of subjective wellbeing in rural communities: Evidence from the Juaben Municipality, Ghana. *Cities*. https://doi.org/

10.1016/j.cities.2021.103140

19. **MA Nanor**, KK Adarkwa, M Poku-Boansi (2018). A subjective measurement of the determinants of quality of life in Kumasi. *African Review of Economics and Finance*. https://doi.org/10.10520/ejc-f9f32f2cd
20. **Michael Ayertey Nanor**, Michael Poku-Boansi, Kwasi Kwafo Adarkwa (2017). An objective analysis of the relationship between quality of life and socio-economic characteristics in Kumasi, Ghana. *GeoJournal*. https://doi.org/10.1007/s10708-017-9795-6
21. **MA Nanor** (2008). Microfinance and its impact on selected districts in eastern region of Ghana. *College of Art and Social Sciences, Kumasi: Kwame Nkrumah University of Science and Technology*. https://scholar.google.com/scholar?cluster=17575030275453999 94&hl=en&oi=scholarr