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RESEARCH

Interests	Transportation Planning · Land Use Planning · Urban Planning
Areas	Urban Studies · Transportation · Building and Construction · Economics and Econometrics · Sociology and Political Science · Earth-Surface Processes

RESEARCH SUMMARY

69	1,044	19	33	4.20	46%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 69 publications listed below, 1978–2026. Field-weighted impact is the mean over the 28 works scored for it; 1.00 is the world average for works of the same field, type and year. 13 of the 28 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Professor 2016–present
Planning, KNUST, Kumasi, Ghana

EDUCATION AND QUALIFICATIONS

Professor 2016–present
Planning, KNUST, Kumasi, Ghana

PUBLICATIONS

Journal articles 59

1. Raymond Asomani-Boateng, Gideon Atta Sarfo Adu, **Kwasi Kwafo Adarkwa**, Connielia Mensah (2026). Road transport infrastructure development in Ghana: A multi-dimensional analysis of government policies, development challenges, and socio-economic impacts. *African Transport Studies*. https://doi.org/10.1016/j.aftran.2026.100097
2. 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
3. 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
4. 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
5. **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
6. **Kwasi Kwafo Adarkwa**, Michael Osei Asibey, Prosper Tornyeviadzi (2024). Urban planning responses to

the tweaking of approved residential subdivisions by developers in urban Ghana: Case of Kodiekrom, Kumasi. *Cities*. https://doi.org/10.1016/j.cities.2024.104909

7. Benedict Mensah Arkhurst, Michael Poku-Boansi, **Kwasi Kwafo Adarkwa** (2023). Indigenous knowledge in climate change adaptation: Choice of indigenous adaptation responses to coastal erosion in Ghanaian communities. *Environmental Science & Policy*. https://doi.org/10.1016/j.envsci.2023.06.021
8. Michael Poku-Boansi, Nathan Tetteh, **Kwasi Kwafo Adarkwa** (2023). Preferences for rental housing in urban Ghana: A discrete choice experiment. *Habitat International*. https://doi.org/10.1016/j.habitatint.2023.102853
9. Olivia Adomabea, Isaac Quaye, Michael Yeboah, **Kwasi Kwafo Adarkwa** (2023). Socio-Economic Factors Contributing to Crashes Involving Motor Tricycles in Greater Kumasi Metropolitan Area, Ghana. *Transportation Research Record Journal of the Transportation Research Board*. https://doi.org/10.1177/03611981231153655
10. Benedict Mensah Arkhurst, Michael Poku-Boansi, **Kwasi Kwafo Adarkwa** (2022). Perception on coastal erosion: An assessment of how national level coastal resilience strategies promote indigenous knowledge and affect local level adaptation in Ghanaian communities. *Environmental Science & Policy*. https://doi.org/10.1016/j.envsci.2022.08.019
11. Clifford Amoako, **Kwasi Kwafo Adarkwa**, Kofi Appiah Koranteng (2022). Survival now, sustainability later: the emerging artisanal mining and the dying agricultural livelihoods in the Akyem Abuakwa traditional area of Ghana. *Environment Development and Sustainability*. https://doi.org/10.1007/s10668-022-02114-y
12. 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
13. Frank Mintah, Clifford Amoako, **Kwasi Kwafo Adarkwa** (2021). The fate of urban wetlands in Kumasi: An analysis of customary governance and spatio-temporal changes. *Land Use Policy*. https://doi.org/10.1016/j.landusepol.2021.105787
14. Clifford Amoako, **Kwasi Kwafo Adarkwa**, Kofi Appiah Koranteng (2021). The politics of artisanal small-scale gold mining (ASM) in the Akyem Abuakwa Traditional Area of Ghana. *Journal of Contemporary African Studies*. https://doi.org/10.1080/02589001.2021.1957791
15. Gifty Adom-Asamoah, Clifford Amoako, **Kwasi Kwafo Adarkwa** (2019). Gender disparities in rural accessibility and mobility in Ghana. *Case Studies on Transport Policy*. https://doi.org/10.1016/j.cstp.2019.12.006
16. 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
17. Eric Gaisie, Michael Poku-Boansi, **Kwasi Kwafo Adarkwa** (2018). An analysis of the costs and quality of infrastructure facilities in informal settlements in Kumasi, Ghana. *International Planning Studies*. https://doi.org/10.1080/13563475.2018.1513359
18. Dennis Kwadwo Okyere, Michael Poku-Boansi, **Kwasi Kwafo Adarkwa** (2018). Connecting the dots: The nexus between transport and telecommunication in Ghana. *Telecommunications Policy*. https://doi.org/10.1016/j.telpol.2018.07.008
19. Michael Poku-Boansi, Prosper Tornyeviadzi, **Kwasi Kwafo Adarkwa** (2018). Next to suffer: Population exposure risk to hazardous material transportation in Ghana. *Journal of Transport & Health*. https://doi.org/10.1016/j.jth.2018.06.009
20. C Amoako, **KK Adarkwa** (2018). Stakeholders perceptions on key drivers for and barriers to household e-waste management in Accra, Ghana. *African Journal of Environmental Science and Technology*. https://academicjournals.org/journal/AJEST/article-full-text/CDDAC9259247
21. Paul Boniface Akaabre, Michael Poku-Boansi, **Kwasi Kwafo Adarkwa** (2018). The growing activities of informal rental agents in the urban housing market of Kumasi, Ghana. *Cities*. https://doi.org/10.1016/j.cities.2018.06.006

22. 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

23. Patrick Brandful Cobbinah, Michael Poku-Boansi, **Kwasi Kwafo Adarkwa** (2017). Develop first, make amends later: accessibility within residential neighbourhoods in Ghana. *Journal of Housing and the Built Environment*. https://doi.org/10.1007/s10901-017-9544-7

24. **Kwasi Kwafo Adarkwa** (2015). Assessing the socio-economic impacts of rural road improvements in Ghana: A case study of transport sector program support (II). *Case studies on transport policy*. https://www.sciencedirect.com/science/article/pii/S2213624X15000279

25. Michael Poku-Boansi, **Kwasi Kwafo Adarkwa** (2015). Determinants of residential location in the Adenta Municipality, Ghana. *GeoJournal*. https://doi.org/10.1007/s10708-015-9665-z

26. M Poku-Boansi, **K Adarkwa** (2012). Sustainability of the urban transport system of Kumasi, Ghana. *Regional Development Studies*. https://www.researchgate.net/profile/Kwasi-Adarkwa-2/publication/303708733_Sustainability_of_the_urban_transport_system_of_Kumasi_Ghana/links/63307e1e6063772afd8fe603/Sustainability-of-the-urban-transport-system-of-Kumasi-Ghana.pdf

27. **Kwasi Kwafo Adarkwa** (2012). The changing face of Ghanaian towns. *African review of economics and finance*.

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environment. *Property Management*. https://doi.org/10.1108/02637470710723236

40. **KK Adarkwa**, RA Oppong (2005). Gentrification, use conversion and traditional architecture in Kumasi's central business district â€“case study of Odum Precinct. *Journal of science and technology*. https://journal.knust.edu.gh/index.php/just/article/view/740

41. **KK Adarkwa** (2005). The Reality of Decentralization Implementation in Ghana and Some Emerging Concerns. *RLDS*. https://www.researchgate.net/profile/Meine-Van-Dijk/publication/328730151_ISSUES_AND_CHALLENGES_IN_LOCAL_AND_REGIONAL_DEVELOPMENT_Decentralisation_Urban_Service_Delivery_Rural-Urban_Linkages_and_Inequality_in_Developing_Countries/links/5bde94df92851c6b27a598dd/ISSUES-AND-CHALLENGES-IN-LOCAL-AND-REGIONAL-DEVELOPMENT-Decentralisation-Urban-Service-Delivery-Rural-Urban-Linkages-and-Inequality-in-Developing-Countries.pdf#page=16

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57. Martin J. Murray, Richard Stren, Benoît Verhaegen, Michael J. Watts, Mouhamed Mbodj, Françoise Bartiaux, Andrzej-Maria Kostecki, John Loxley, Ousmane Guindo, E.Ann Mcdougall, … **Kwasi Adarkwa** and 10 others (1985). Books/Livres. *Canadian Journal of African Studies / Revue canadienne des études africaines*. https://doi.org/10.1080/00083968.1985.10804111

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59. **K Adarkwa** (1981). A spatio-temporal study of regional inequalities in Ghana. *African Urban Studies*. https://www.africabib.org/rec.php?RID=183015614

Book chapters 2

1. Clifford Amoako, **Kwasi Kwafo Adarkwa**, Michael Poku-Boansi (2022). Effects of COVID-19 on Urban Mobility and Public Space Use in Kumasi, Ghana. https://doi.org/10.1007/978-3-030-94350-9_55

2. **Kwasi Kwafo Adarkwa**, Michael Poku-Boansi (2010). Climate Change and the Housing Environment in Ghana. https://doi.org/10.1007/978-90-481-9867-2_6

Reports 7

1. **Kwasi Kwafo Adarkwa** (2015). Dust roads, rickery trotros and survival: Understanding the nexus between road transport investment and poverty reduction in Ghana. *Professional inaugural lecture. Kwame Nkrumah University of Science and ….* https://scholar.google.com/scholar?cluster=10451042409706830542&hl=en&oi=scholarr

2. **KK Adarkwa** (2014). Human settlements and service delivery in Ghana. *Kwame Nkrumah University of Science and Technology*. https://scholar.google.com/scholar?cluster=14545459424125207305&hl=en&oi=scholarr

3. **KK Adarkwa** (2011). Future of the tree: Towards growth and development of Kumasi. *University Printing Press (UPK)*. https://scholar.google.com/scholar?cluster=8025611538219396792&hl=en&oi=scholarr

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Theses 1

1. **KK Adarkwa** (1978). Work trip lengths within the greater Vancouver region. *University of British Columbia*. https://open.library.ubc.ca/media/stream/pdf/831/1.0094265/2