Gifty Adom-Asamoah

Faculty of Built Environment
Kwame Nkrumah University of Science and Technology

Homepage webapps.knust.edu.gh/staff/dirsearch/profile/summary/49122c2fa33f.html · Google Scholar scholar.google.com/citations?user=0DS-jqYAAAAJ&hl=en · Profile knust.peerford.com/staff/2e006181-de56-493d-8e61-133b13220b36

RESEARCH

Interests: transportation · gender · green infrastructure

Areas: Transportation · Building and Construction · Urban Studies · Ecology, Evolution, Behavior and Systematics · Global and Planetary Change · Pollution

RESEARCH SUMMARY

25	382	10	10	3.76	37%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 25 publications listed below, 2011–2026. Field-weighted impact is the mean over the 19 works scored for it; 1.00 is the world average for works of the same field, type and year. 7 of the 19 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 24

1. P Antwi-Agyei, **G Adom-Asamoah** (2026). Educating the rural woman farmer for climate resilience in the global south: enablers and barriers. *University Initiatives on Climate Change Education and Research*.
2. **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
3. 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
4. Thomas Kolawole Ojo, Clifford Amoako, Jefferson Abeiku Ikediuba, Augustus Ababio-Donkor, Charles Anum Adams, **Gifty Adom-Asamoah** (2025). Motorcyclists' Red-light Behavior at Signalized Intersections in the Accra Metropolis, Ghana. *Transportation research procedia*. https://doi.org/10.1016/j.trpro.2025.05.043
5. 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
6. Stephen Nyabire Akanyange, Wen Nie, Felicie Ilele Mwabaima, Fei Liu, Wenjin Niu, Si-qi Jiang, Yan Zhang, **Gifty Adom-Asamoah**, Martin Luther Yeboah, Bao Qiu, Haoming Li (2024). A systematic review of the physiological and environmental impacts of coal dust and its control technologies. *Fuel*. https://doi.org/10.1016/j.fuel.2024.131876
7. Amma Birago Kantanka Gyimah, Philip Antwi-Agyei, **Gifty Adom-Asamoah**, Frank Baffour-Ata (2024). Drivers of adaptive capacity of rural women farmers: The role of climate action and information mediums in rural Ghana. *Climate Resilience and Sustainability*. https://doi.org/10.1002/cli2.67
8. Josephine Thywill Katsekpor, **Gifty Adom-Asamoah**, Anthony Kwame Morgan (2024). Economic empowerment among female shea actors: the case of Savelugu District, Ghana. *Cogent Social Sciences*. https://doi.org/10.1080/23311886.2023.2299105

9. Michael Poku-Boansi, Michael Osei Asibey, **Gifty Adom-Asamoah** (2024). Public transport reliability in growing cities: the case of Asokore Mampong, Ghana. *African Geographical Review*. https://doi.org/10.1080/19376812.2024.2357642
10. Vivian Agyei, **Gifty Adom-Asamoah**, Michael Poku-Boansi (2024). Sustainable transportation in Africa: A bibliometric, visualisation and thematic analysis. *Journal of Cleaner Production*. https://doi.org/10.1016/j.jclepro.2024.142727
11. Michael Poku-Boansi, Patricia Bosu, Clifford Amoako, Michael Osei Asibey, **Gifty Adom-Asamoah** (2024). Transport investments and the changing space economy in Kumasi, Ghana. *Case Studies on Transport Policy*. https://doi.org/10.1016/j.cstp.2024.101162
12. 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
13. Stephen Nyabire Akanyange, Yan Zhang, Xiaohan Zhao, **Gifty Adom-Asamoah**, Abdul-Rasheed Abubakari Ature, Cosmos Anning, Chen Tianpeng, Huaqing Zhao, Xianjun Lyu, John C. Crittenden (2022). A holistic assessment of microplastic ubiquitousness: Pathway for source identification in the environment. *Sustainable Production and Consumption*. https://doi.org/10.1016/j.spc.2022.06.020
14. Michael Yeboah, **Gifty Adom-Asamoah**, Michael Osei Asibey, Michael Poku-Boansi (2022). The tussle for freight parking in seaport cities; the case of Tema. *Case Studies on Transport Policy*. https://doi.org/10.1016/j.cstp.2022.11.012
15. **Gifty Adom-Asamoah**, Michael Osei Asibey, Sylvia Nyarko (2021). Rethinking or Affirming the "Affordability" Debate on the Efficiency of Urban Public Transport Usage: Case of Kumasi, Ghana. *Transportation in Developing Economies*. https://doi.org/10.1007/s40890-021-00131-6
16. **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
17. Theresa Y. Baah-Ennumh, **Gifty Adom-Asamoah** (2019). Land Use Challenges in Mining Communities – The Case of Tarkwa-Nsuaem Municipality. *Environment and Ecology Research*. https://doi.org/10.13189/eer.2019.070304
18. Clifford Amoako, **Gifty Adom-Asamoah** (2018). From the seat of a traditional Kingdom to a Garden city: the socio-spatial politics of managing green areas in Kumasi, Ghana. *African Geographical Review*. https://doi.org/10.1080/19376812.2018.1436076
19. C Amoako, **G Adom-Asamoah** (2017). From open spaces to adapted spaces–The politics of managing green areas in Kumasi, Ghana. *Proceedings of ICIDA*. https://www.researchgate.net/profile/Clifford-Amoako/publication/317370918_From_Open_Spaces_to_Adapted_Spaces_-_The_Politics_of_Managing_Green_Areas_in_Kumasi_Ghana/links/5936e9370f7e9b374c12bcad/From-Open-Spaces-to-Adapted-Spaces-The-Politics-of-Managing-Green-Areas-in-Kumasi-Ghana.pdf
20. **G Adom-Asamoah** (2016). The informal labour sector in contemporary urban society: The case of domestic workers in the Kumasi Metropolis, Ghana. *Developing Country Studies*. https://www.academia.edu/download/119337100/34304.pdf
21. **G Adom-Asamoah** (2015). Contested space: Manila Sunset Bay and the conflict over land reclamation for an urban transformation project. *Journal of Studies in Social Sciences*. https://www.infinitypress.info/index.php/jsss/article/view/1202
22. **G Adom-Asamoah** (2015). Factors influencing school travel mode choice in Kumasi, Ghana. *International Journal of Development and Sustainability*. https://www.academia.edu/download/95436238/ijds-v4n1-1.pdf
23. TY Baah-Ennumh, **G Adom-Asamoah** (2012). The Role of Market Women in the Informal Urban Economy in Kumasi. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v32i2.8
24. **G Adom-Asamoah** (2011). Provision of social services in the Kumasi metropolis, Ghana. *Future of the Tree: Towards growth and development of Kumasi*. https://scholar.google.com/scholar?

cluster=17126620961168812 23&hl=en&oi=scholarr

Book chapters 1

1. Amma Birago Kantanka Gyimah, Philip Antwi-Agyei, **Gifty Adom-Asamoah** (2023). Educating the Rural Woman Farmer for Climate Resilience in the Global South: Enablers and Barriers. https://doi.org/10.1007/978-3-031-25960-9_94-1