Dr. Raphael Ane Atanga

Department of Geography Education
University of Education, Winneba

ORCID 0000-0002-5372-6599 · Homepage uew.edu.gh/staff/raatanga · Google Scholar scholar.google.com/citations?user=JSkhdOIAAAAJ&hl=en · Profile uew.peerford.com/staff/1345ed12-7186-4cc3-b535-319862636790

RESEARCH

Interests	human geography · resilience in disaster risk management · climate change and food security
Areas	Sociology and Political Science · Global and Planetary Change · Economics and Econometrics · Education · Ocean Engineering · Water Science and Technology

RESEARCH SUMMARY

24	342	8	6	3.46	23%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 24 publications listed below, 2016–2025. Field-weighted impact is the mean over the 13 works scored for it; 1.00 is the world average for works of the same field, type and year. 3 of the 13 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 18

1. Y Asamoah, K Ansah-Mensah, Adams Osman, **Raphael Ane Atanga** (2025). Does water scarcity drive conflict? The Bawku area case in the Savannah ecological zone, Ghana. *BMC Environmental Science*. https://doi.org/10.1186/s44329-025-00034-6
2. Benjamin Adu, **Raphael Ane Atanga**, Ametus Kuuwill (2025). Spatio-temporal dynamics of land use change and their ecological and livelihood impacts: Evidence from Ghana's Effutu Municipality. *Environmental Challenges*. https://doi.org/10.1016/j.envc.2025.101277
3. Paul Achonga Kabah Kwode, **Raphael Ane Atanga**, John Bosco Acharibasam (2024). Meaningful climate change communication: an analysis of women dry season farmers in Kuliyaa community of Ghana. *Local Environment*. https://doi.org/10.1080/13549839.2024.2386957
4. **Raphael Ane Atanga**, Aruna Kainyande, Vitus Tankpa, Babatunde Osunmadewa (2024). Perceived Status Of Ecosystem Services Emanating From A Forest Reserve: Evidence From Atewa Range Forest Reserve In Ghana. *Environmental Management*. https://doi.org/10.1007/s00267-023-01933-7
5. 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
6. Adams Osman, K Ansah-Mensah, J Amoah-Nuamah, **RA Atanga** (2023). Flood related depression and replacement of household damaged items. *Progress in Disaster Science*.
7. **Raphael Ane Atanga** (2023). Geographic information systems: A toolbox for sustainable tourism in southern Africa. *African Journal of Tourism Hospitality and Leisure*. https://www.ajhtl.com/uploads/7/1/6/3/7163688/article_1_12_4_1192-1209_1_.pdf
8. Ari Whudian, Yongha Park, **Raphael Ane Atanga** (2023). The Effect of Applying the Learning Cycle Learning Model on Students' Learning Outcomes of Geography. *Indonesian Journal of Education Research (IJoER)*. https://doi.org/10.37251/ijoer.v4i4.708
9. **Raphael Ane Atanga** (2023). Towards strengthening electoral democracy in Africa: A review of trends, challenges, and future prospects. *Africa Insight*. https://doi.org/10.10520/ejc-afrins_v53_n3_a5

10. **Raphael Ane Atanga**, Vitus Tankpa, Isaiah Acquah (2023). Urbanization and flood risk analysis using geospatial techniques. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0292290
11. **Raphael Ane Atanga**, Yaw Agyeman Boafo (2023). on Small-Scale Hospitality and Tourism. *COVID-19, Tourist Destinations and Prospects for Recovery: Volume Two: An African Perspective*. https://books.google.com/books?hl=en&lr=&id=SVi0EAAAQBAJ&oi=fnd&pg=PA19&dq=info:MW9kp-oVmT4J:scholar.google.com&ots=IMMsCM5AYQ&sig=h1ovPOKTF5uE7ipjvtjOMhruEN8
12. **Rapheal Ane Atanga**, Vitus Tankpa (2022). Geospatial analysis of flood emergency evacuation sites in Accra. *Jàmbá Journal of Disaster Risk Studies*. https://doi.org/10.4102/jamba.v14i1.1172
13. **Raphael Ane Atanga** (2021). Assessment of Institutional and Legal Framework for Sustainable Land Use Management Practices in Ashi River Watershed. *China*. https://hit.alljournals.cn/html/jhit_cn/2021/6/20210603.html
14. **Raphael Ane Atanga**, Vitus Tankpa (2021). Climate Change, Flood Disaster Risk and Food Security Nexus in Northern Ghana. *Frontiers in Sustainable Food Systems*. https://doi.org/10.3389/fsufs.2021.706721
15. **Raphael Ane Atanga** (2020). 11 Risk of floods impacting tourism in the coastal cities of West Africa. *Sustainable Urban Tourism in Sub-Saharan Africa: Risk and Resilience*. https://books.google.com/books?hl=en&lr=&id=F20LEAAAQBAJ&oi=fnd&pg=RA1-PT45&dq=info:g1-n9vBHRdgJ:scholar.google.com&ots=SVVFHZ2rR4&sig=spTI-ZCzw3kKR9QFvinVr7gz_ps
16. Vitus Tankpa, Li Wang, **Raphael Ane Atanga**, Alfred Awotwi, Xiaomeng Guo (2020). Evidence and impact of map error on land use and land cover dynamics in Ashi River watershed using intensity analysis. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0229298
17. Vitus Tankpa, Li Wang, Alfred Awotwi, Leelamber Singh, Samit Thapa, **Raphael Ane Atanga**, Xiaomeng Guo (2020). Modeling the effects of historical and future land use/land cover change dynamics on the hydrological response of Ashi watershed, northeastern China. *Environment Development and Sustainability*. https://doi.org/10.1007/s10668-020-00952-2
18. **Raphael Ane Atanga** (2019). The role of local community leaders in flood disaster risk management strategy making in Accra. *International Journal of Disaster Risk Reduction*. https://doi.org/10.1016/j.ijdrr.2019.101358

Book chapters 4

1. John Bosco Acharibasam, Ranjan Datta, **Rapahel Ane Atanga**, Paul Achonga (2024). Community-Based Participatory Research Design Relevance for Decolonizing Postgraduate Education. *Advances in higher education and professional development book series*. https://doi.org/10.4018/979-8-3693-1289-6.ch002
2. **Raphael Ane Atanga** (2024). Land-based Learning and Its Implications for Preserving Traditional Ecological Knowledge in Ghana. *Indigenous Land-Based Knowledge and Sustainability*. https://doi.org/10.4324/9781003471486-6/land-based-learning-implications-preserving-traditional-ecological-knowledge-ghana-raphael-ane-atanga-john-bosco-acharibasam-sampson-kwasi-jachan-mawuli-kwasi-gafli-godfred-adjei-poku
3. Victor Owusu, **Raphael Ane Atanga**, Yaw Agyeman Boafo, Kojo Gyabaah, Richard Boateng (2023). The Effects of the COVID-19 Pandemic on Small-Scale Hospitality and Tourism Businesses in Coastal Communities in Ghana. https://doi.org/10.1007/978-3-031-24655-5_2
4. **Raphael Ane Atanga** (2020). Risk of floods impacting tourism in the coastal cities of West Africa: A case study of Accra, Ghana. *Sustainable urban tourism in sub-Saharan Africa*. https://doi.org/10.4324/9781003024293-14

Theses 2

1. **Raphael Ane Atanga** (2017). Flood risk management strategies and resilience: The capacity of key stakeholders to respond to the unexpected course of flood disasters in the city of Accra, Ghana. *Saechsische Landesbibliothek-Staats-und Universitaetsbibliothek Dresden*. https://scholar.google.com/scholar?cluster=4569019412053084756&hl=en&oi=scholarr
2. **Raphael Ane Atanga** (2016). Flood risk management strategies and resilience:: The capacity of key stakeholders to respond to the unexpected course of flood disasters in the city of Accra, Ghana.

Dissertation, Dresden, Technische Universität Dresden, 2017. https://scholar.google.com/scholar?cluster=13217852049130147062&hl=en&oi=scholarr