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RESEARCH

Interests	Spatial and Social Statistics
Areas	Pediatrics, Perinatology and Child Health · Nutrition and Dietetics · Public Health, Environmental and Occupational Health · Sociology and Political Science · Clinical Psychology · Economics and Econometrics

RESEARCH SUMMARY

74	11,485	29	46	3.10	45%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 74 publications listed below, 1977–2026. Field-weighted impact is the mean over the 20 works scored for it; 1.00 is the world average for works of the same field, type and year. 9 of the 20 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 52

1. David Teye Doku, Yvonne Ayerki Nartey, Obed Cudjoe, Gladys Akotoaa Sakyi, Evans Duah, George Adjei, Ruby Syal, **Fiifi Amoako Johnson**, Frederick Ato Armah, Zulfiqar Ahmed Bhutta (2026). A scoping review of the health and health-related sustainable development goals (HHSDGs) in Ghana: progress and challenges. *BMC Public Health*. https://doi.org/10.1186/s12889-025-25985-y
2. Osman Adams, Chia-Lin Wang, Edmund Chattoe-Brown, Heather Hamill, Katherine Hampshire, Simon Mariwah, Daniel Amoako-Sakyi, **Fiifi Amoako Johnson**, Graeme J. Ackland (2026). An empirical network study of the antimalarial supply chain in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0346689
3. **Fiifi Amoako Johnson**, Philip-Neri Jayson-Quashigah, Duncan Hornby, Chris Hill, Mumuni Abu, Kwasi Appeaning Addo, Benjamin Kofi Nyarko, Samuel Nii Ardey Codjoe, Cynthia Addoquaye Tagoe, Craig William Hutton, Sabu Padmadas (2025). Mapping socio-environmentally vulnerable hotspots in the Volta Delta of Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0322453
4. Ashish Kumar Upadhyay, Abhishek Singh, Ashish Singh, **Fiifi Amoako Johnson**, Kaushalendra Kumar, Nikos Tzavidis, Sabu Padmadas (2025). Mapping son preference in India, 2002–2021: Spatial patterns and trends using model-based small area estimation. *Demographic Research*. https://doi.org/10.4054/demres.2025.53.28
5. **Fred Johnson** (2025). Tracking the sources of metals to the San Juan River, Four Corners Region, USA: an introduction to the thematic collection. *Geochemistry: Exploration, Environment, Analysis*. https://doi.org/10.1144/geochem2024-027
6. Ebenezer N. K. Boateng, Gerald Atampugre, Simon Mariwah, Ishmael Mensah, **Fiifi Amoako Johnson**, Christine Furst, Benjamin K. Nyarko (2024). Spatial and multivariate assessment of access to water for sustainable agriculture intensification in semi-arid Ghana. *PLOS Water*. https://doi.org/10.1371/journal.pwat.0000283
7. **Fiifi Amoako Johnson** (2023). A log-binomial Bayesian geoadditive semiparametric analysis of geographical inequalities in caesarean births in Ghana. *BMC Pregnancy and Childbirth*. https://doi.org/10.1186/s12884-023-06087-2

8. Barbara Sakyi, Samuel K. M. Agblorti, **Fiifi Amoako Johnson** (2023). Camp-Based Refugees' Adherence to the COVID-19 Protocols at the Peak and Post-Peak of the Pandemic in Two Camps in Ghana. *Journal of International Migration and Integration / Revue de l integration et de la migration internationale*. https://doi.org/10.1007/s12134-023-01106-9

9. Barbara Sakyi, **Fiifi Amoako Johnson** (2022). A cross-sectional study of the psychological impact of the COVID-19 pandemic on camped refugees in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0277515

10. **Fiifi Amoako Johnson** (2022). Geographical hotspots and correlates of early sexual debut among women in Ghana. *Reproductive Health*. https://doi.org/10.1186/s12978-022-01425-7

11. **Fiifi Amoako Johnson**, Barbara Sakyi (2022). Geospatial clustering and correlates of deaths during the Ebola outbreak in Liberia: a Bayesian geoadditive semiparametric analysis of nationally representative cross-sectional survey data. *BMJ Open*. https://doi.org/10.1136/bmjopen-2021-054095

12. Abhishek Singh, Ashish Kumar Upadhyay, Kaushalendra Kumar, Ashish Singh, **Fiifi Amoako Johnson**, Sabu S. Padmadas (2022). Spatial heterogeneity in son preference across India's 640 districts: An application of small-area estimation. *Demographic Research*. https://doi.org/10.4054/demres.2022.47.26

13. **Fiifi Amoako Johnson** (2022). Spatiotemporal clustering and correlates of childhood stunting in Ghana: Analysis of the fixed and nonlinear associative effects of socio-demographic and socio-ecological factors. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0263726

14. Md Sarwar Hossain, Jorge Ramirez, Sylvia Szabo, Felix Eigenbrod, **Fiifi Amoako Johnson**, Chinwe Ifejika Speranza, John A Dearing (2020). Participatory modelling for conceptualizing social-ecological system dynamics in the Bangladesh delta. *Regional Environmental Change*. https://doi.org/10.1007/s10113-020-01599-5

15. Tristan Berchoux, Gary R. Watmough, **Fiifi Amoako Johnson**, Craig W. Hutton, Peter M. Atkinson (2019). Collective influence of household and community capitals on agricultural employment as a measure of rural poverty in the Mahanadi Delta, India. *AMBIO*. https://doi.org/10.1007/s13280-019-01150-9

16. **Fiifi Amoako Johnson**, Mumuni Abu, Chigozie Edson Utazi (2019). Geospatial correlates of early marriage and union formation in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0223296

17. **Fiifi Amoako Johnson** (2018). A Geospatial Analysis of the Social. *Ecosystem Services for Well-Being in Deltas: Integrated Assessment for Policy Analysis*. https://books.google.com/books?hl=en&lr=&id=O9ldDwAAQBAJ&oi=fnd&pg=PA383&dq=info:mkiW6ZIP1GgJ:scholar.google.com&ots=6J8PU8cZ97&sig=NGVEYcoNwOAfDghDsVEAb9A7Erc

18. **Fiifi Amoako Johnson** (2018). Spatiotemporal variations in rainfall and temperature in Ghana over the twentieth century, 1900–2014. *Earth and Space Science*. https://doi.org/10.1002/2017ea000327

19. **Fifi Amoako Johnson** (2018). Tracking progress towards the Madrid International Plan of Action on Ageing (MIPAA) in east and southern Africa: Milestones and challenges. *International Journal on Ageing in Developing Countries*. https://researchportal.port.ac.uk/en/publications/tracking-progress-towards-the-madrid-international-plan-of-action/

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22. **FA Johnson** (2016). A geospatial analysis of the impacts of maternity care fee payment policies on the uptake of skilled birth care in Ghana. *BMC pregnancy and childbirth*. https://doi.org/10.5555/20163108914

23. **Fiifi Amoako Johnson** (2016). Is shrimp farming a successful adaptation to salinity intrusion? A geospatial associative analysis of poverty in the populous Ganges–Brahmaputra–Meghna Delta of Bangladesh. *Sustainability Science*. https://doi.org/10.1007/s11625-016-0356-6

24. **Fiifi Amoako Johnson** (2016). Recent trends of human wellbeing in the Bangladesh delta. *Environmental Development*. https://www.sciencedirect.com/science/article/pii/S2211464515300191

25. **Fiifi Amoako Johnson**, Faustina Frempong-Ainguah, Zoe Matthews, Andrew J. P. Harfoot, Philomena Nyarko, Angela Baschieri, Peter W. Gething, Jane Falkingham, Peter M. Atkinson (2015). Evaluating the Impact of the Community-Based Health Planning and Services Initiative on Uptake of Skilled Birth Care in Ghana. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0120556

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32. Nicodemus Osei Owusu, Bernard Baffour-Awuah, **Fiifi Amoako Johnson**, John Mohan, Nyovani J. Madise (2013). Examining intersectoral integration for malaria control programmes in an urban and a rural district in Ghana: a multinomial multilevel analysis. *International Journal of Integrated Care*. https://doi.org/10.5334/ijic.1061

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river bank erosion. *Open Journal of Hydrology*. https://eprints.soton.ac.uk/156653/

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52. **FA Johnson** (1977). Chemoprophylaxis of malaria. *British Medical Journal*. https://pmc.ncbi.nlm.nih.gov/articles/PMC1607227/

Book chapters 5

1. Chris Hill, Frances Dunn, Anisul Haque, **Fiifi Amoako-Johnson**, Robert J. Nicholls, Pokkuluri Venkat Raju, Kwasi Appeaning Addo (2019). Hotspots of Present and Future Risk Within Deltas: Hazards, Exposure and Vulnerability. https://doi.org/10.1007/978-3-030-23517-8_6

2. **Fiifi Amoako Johnson** (2018). A geospatial analysis of the social, economic and environmental dimensions and drivers of poverty in south-west coastal Bangladesh. *Ecosystem services for well-being in deltas: integrated assessment for policy analysis*. https://library.oapen.org/bitstream/handle/20.500.12657/27910/1002089.pdf?sequence=1#page=411

3. **Fiifi Amoako Johnson** (2018). Integrative analysis applying the Delta Dynamic Integrated Emulator Model in south-west coastal Bangladesh. *Ecosystem Services for Well-Being in Deltas: Integrated Assessment for Policy Analysis*. https://library.oapen.org/bitstream/handle/20.500.12657/27910/1/1002089.pdf#page=546

4. **Fiifi Amoako Johnson** (2018). Land cover and land use analysis in coastal Bangladesh. *Ecosystem services for well-being in deltas: Integrated assessment for policy analysis*. https://library.oapen.org/bitstream/handle/20.500.12657/27910/1002089.pdf?sequence=1#page=396

5. **Fiifi Amoako Johnson** (2015). Vulnerability assessment and scenarios. *Applied Geoinformatics for Sustainable Integrated Land and Water Resources Management (ILWRM) in the Brahmaputra River basin: Results from the EC-project BRAHMATWINN*. https://doi.org/10.1007/978-81-322-1967-5_10

Reports 16

1. **Fiifi Amoako Johnson** (2020). Deltas in the Anthropocene. *Springer Nature*. https://library.oapen.org/handle/20.500.12657/22862

2. **Fiifi Amoako Johnson** (2018). Ecosystem services for well-being in deltas: integrated assessment for policy analysis. *Springer Nature*. https://library.oapen.org/bitstream/handle/20.500.12657/27910/1/1002089.pdf

3. **Fiifi Amoako Johnson** (2015). Applied geoinformatics for sustainable integrated land and water resources management (ILWRM) in the Brahmaputra River basin. *Springer India:*.. https://doi.org/10.1007/978-81-322-1967-5

4. **Fiifi Amoako Johnson** (2014). Modelling socio-economic vulnerability to floods: comparison of methods developed for European and Asian case studies. *University of Southampton*. https://eprints.soton.ac.uk/373967/

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6. Philomena E. Nyarko, **Fiifi Amoako-Johnson**, Peter Atkinson, Faustina|Nii-Amoo Frempong-Ainguah, Francis Dodoo, Jane C. Falkingham, Peter Gething, Matthews Zoe (2010). Evaluating the Impact of the Community-Based Health Planning and Services Initiative on Uptake of Skilled Birth Care in Ghana. https://doi.org/10.35648/20.500.12413/11781/ii113

7. **F Amoako-Johnson** (2010). Too far to walk: callibrating distances to maternity health facilities for women delivering in Ghana using GIS. *The Institute of Development Studies and Partner Organisations*. https://opendocs.ids.ac.uk/articles/conference_contribution/Too_far_to_walk_callibrating_distances_to_maternity_health_facilities_for_women_delivering_in_Ghana_using_GIS/26471830

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Theses 1

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