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PROFILE

Dr. Boateng Kyereh is a professor in the Department of Silviculture and Forest Management, Faculty of Renewable Natural Resources. He is also the scientific coordinator for the Tropenbos Ghana programme, a research and information facility for promoting sustainable forest management in Ghana. He has a PhD in forest ecology from the University of Aberdeen, UK. His research interests cover seed phenology, forest regeneration and wildfire ecology. His research also includes forest governance and livelihoods

RESEARCH

Interests	Forest ecology · silviculture · natural resource livelihoods and governance
Areas	Global and Planetary Change · Forestry · Ecology, Evolution, Behavior and Systematics · Nature and Landscape Conservation · Building and Construction · Pollution

RESEARCH SUMMARY

100	1,478	21	40	2.29	26%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 100 publications listed below, 1989–2026. Field-weighted impact is the mean over the 58 works scored for it; 1.00 is the world average for works of the same field, type and year. 15 of the 58 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 90

1. Yvonne Yemoh, Paul Osei-Tutu, **Boateng Kyereh**, Samuel Boadi, Prince Owusu, Kofi Essibu Ansah (2026). Cattle herding and crime incidence nexus: case study of the sekyere Afram Plains District, Ghana. *SN Social Sciences*. https://doi.org/10.1007/s43545-026-01532-3
2. Josephine Montford, Regina Birner, Christine Bosch, **Boateng Kyereh** (2026). Converting cocoa farms into gold mines – negotiations, compensation and outcomes for farmers in Ghana. *Resources Policy*. https://doi.org/10.1016/j.resourpol.2026.105843
3. Osei Owusu Antobre, Akwasi Duah-Gyamfi, Winston Adams Asante, Collins Ayine Nsor, **Boateng Kyereh**, Joseph Anokye (2025). Rehabilitation of loading bays after selective logging at the Pra-Anum forest reserve, Ghana. *Sustainable Forestry*. https://doi.org/10.24294/sf11499
4. Awouminassi M. Atakoun, Pierre G. Tovihoudji, Rodrigue V. C. Diogo, William Amponsah, Murilo dos Santos Vianna, Thomas Gaiser, Nicholas Kyei-Baffour, **Boateng Kyereh** (2025). Soil carbon dynamics, nutrient enhancement, and maize productivity under traditional cattle corralling practices in northern Benin. *Nutrient Cycling in Agroecosystems*. https://doi.org/10.1007/s10705-025-10441-5
5. LK Amekudzi, **B Kyereh** (2024). Assessment of soil carbon dioxide efflux from contrasting land uses in a semi-arid savannah ecosystem, northeastern Ghana (West Africa). *Scientific African*. https://www.sciencedirect.com/science/article/pii/S2468227624003624
6. Frank Kwaku Agyei, Lawrence Kwabena Brobbey, Paul Osei-Tutu, **Boateng Kyereh** (2024). Cattle violence: the politics and fantasies of cattle ranching in Ghana. *Canadian Journal of African Studies / Revue canadienne des études africaines*. https://doi.org/10.1080/00083968.2024.2389232

7. Kwaku Afrifa Dwumah, Samuel Boadi, **Boateng Kyereh** (2024). Clonal Propagation of Broussonetia Papyrifera by Stem and Root Cuttings. *Journal of Science and Technology (Ghana)*. https://doi.org/10.4314/just.v1i2.4s
8. Lawrence Kwabena Brobbey, Frank Kwaku Agyei, Paul Osei-Tutu, **Boateng Kyereh** (2024). Conflict actors influence the dynamics of agropastoral policies to accommodate their preferences and expectations in Ghana. *The Rangeland Journal*. https://doi.org/10.1071/rj23042
9. Desmond Asare, Michael Ansong, **Boateng Kyereh**, Frederick Gyasi Damptey, Winston Adams Asante (2024). Contribution of early succession regeneration plants to heavy metal remediation in abandoned Artisanal small-scale mining sites in Ghana. *Scientific African*. https://doi.org/10.1016/j.sciaf.2024.e02249
10. **B Kyereh** (2024). Effect of farmer–herder conflict adaptation strategies on multidimensional poverty and subjective wellbeing in Ghana. *African Journal of Agricultural and Resource Economics*. https://ageconsearch.umn.edu/record/361270/
11. Desmond Asare, Michael Ansong, Winston Adams Asante, **Boateng Kyereh** (2024). Impact of different illegal Artisanal Small-Scale Mining techniques on soil properties in a major mining landscape in Ghana. *Environmental Challenges*. https://doi.org/10.1016/j.envc.2024.101008
12. Michael Asigbaase, Evans Dawoe, Simon Abugre, **Boateng Kyereh**, Collins Ayine Nsor (2023). Allometric relationships between stem diameter, height and crown area of associated trees of cocoa agroforests of Ghana. *Scientific Reports*. https://doi.org/10.1038/s41598-023-42219-6
13. Akua Osaa Awuah, **Boateng Kyereh** (2023). Heavy Metal Contamination in Topsoil in Mining-Plagued Communities in the Amansie West District, Ghana. *Soil and Sediment Contamination An International Journal*. https://doi.org/10.1080/15320383.2023.2260897
14. **B Kyereh** (2022). Dynamics of Vegetation in Managed Forests: A Case Study from Missirah Forest, South-Eastern Senegal. *Int. J. Innov. Sci. Res. Technol.*. https://www.academia.edu/download/107545459/IJISRT22AUG1237.pdf
15. Laurice Codou Faye, Lawrence Damnyag, Simon Sambou, **Boateng Kyereh** (2022). Local Perception of Vegetation Dynamics and Its Drivers in Community-Managed Forest: A Case Study from Senegal. *Research and Analysis Journal*. https://doi.org/10.18535/raj.v5i10.351
16. Desmond Asare, Michael Ansong, **Boateng Kyereh**, Frederick Gyasi Damptey, Winston Adams Asante (2022). Mining methods exert differential effects on species recruitment at artisanal small-scale mining sites in Ghana. *Heliyon*. https://doi.org/10.1016/j.heliyon.2022.e09434
17. Eric Mensah Kumeh, **Boateng Kyereh**, Joseph Asante, Godfred Ohene-Gyan, Valerie Fummey Nassah, Alexander Asare, Paul P. Bosu, Samuel Kwabena Nketiah (2022). Retooling incentive mechanisms for effective smallholder tree growers' contributions to global landscape restoration. *Development in Practice*. https://doi.org/10.1080/09614524.2022.2110571
18. Jones Agyei Kumi, Michael Ansong, Winston Asante, **Boateng Kyereh** (2022). Soil Properties Mediated by Topography Influence Carbon Stocks in a Teak Plantation in the Deciduous Forest Zone of Ghana. *International Journal of Forestry Research*. https://doi.org/10.1155/2022/6165758
19. Moussa Soulé, **Boateng Kyereh**, Shem Kuyah, Abasse Tougiani, Mahamane Saadou (2021). Azadirachta indica A. Juss. a multi-purpose tree as a leading species in carbon stocking in two Sahelian cities of Niger. *Urban Ecosystems*. https://doi.org/10.1007/s11252-021-01130-6
20. Eric Mensah Kumeh, **Boateng Kyereh**, Athena Birkenberg, Regina Birner (2021). Customary power, farmer strategies and the dynamics of access to protected forestlands for farming: Implications for Ghana's forest bioeconomy. *Forest Policy and Economics*. https://doi.org/10.1016/j.forpol.2021.102597
21. Ahmed Nsiah Bempah, **Boateng Kyereh**, Michael Ansong, Winston Asante (2021). Debarking as a control method for invasive tree species management in tropical forests. *Tropical Ecology*. https://doi.org/10.1007/s42965-021-00198-7
22. Osei Owusu Antobre, Akwasi Duah Gyamfi, Winston Adams Asante, Collins Ayine Nsor, **Boateng Kyereh** (2021). Forest recovery on skid trails and felling gaps following post-decadal selective logging in a moist semi-deciduous forest in Ghana. *Trees Forests and People*. https://doi.org/10.1016/j.tfp.2021.100152

23. Frank Ankomah, **Kyereh Boateng**, Winston Asante, Michael Ansong (2021). Implementation gaps in forest management prescriptions and noncompliance in forest regulations in Ghana: Case study of four forest reserves. *Environment Development and Sustainability*. https://doi.org/10.1007/s10668-021-01828-9

24. **B Kyereh** (2021). Plant traits shape tree species drought survival and distribution along a rainfall gradient in Ghana. *Ghana Journal of Forestry*. https://www.researchgate.net/profile/Lucy-Amissah/publication/358497009_PLANT_TRAITS_SHAPE_TREE_SPECIES_DROUGHT_SURVIVAL_AND_DISTRIBUTION_ALONG_A_RAINFALL_GRADIENT_IN_GHANA/links/6204f2fa8d80cd237d9e8297/PLANT-TRAITS-SHAPE-TREE-SPECIES-DROUGHT-SURVIVAL-AND-DISTRIBUTION-ALONG-A-RAINFALL-GRADIENT-IN-GHANA.pdf?_sg%5B0%5D=started_experiment_milestone&origin=journalDetail

25. Ahmed Nsiah Bempah, **Boateng Kyereh**, Michael Ansong, Winston Asante (2021). The impacts of invasive trees on the structure and composition of tropical forests show some consistent patterns but many are context dependent. *Biological Invasions*. https://doi.org/10.1007/s10530-020-02442-y

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28. Frank Ankomah, **Boateng Kyereh**, Michael Ansong, Winston Asante (2020). Forest Management Regimes and Drivers of Forest Cover Loss in Forest Reserves in the High Forest Zone of Ghana. *International Journal of Forestry Research*. https://doi.org/10.1155/2020/8865936

29. VR Barnes, **B Kyereh** (2020). Fuel Management in Ghana's Tropical Forests: Implications on Implementation Cost, Fuel Loading and Fire Behaviour. *Journal of forest and environmental science*. https://scienceon.kisti.re.kr/srch/selectPORSrchArticle.do?cn=JAKO202008848920259

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32. Fidèle Tchossi Moutouama, **Boateng Kyereh**, Winston A. Asante, Samadori Sorotori Honoré Biaou, Andrew P. Rayburn, Armand K. Natta (2020). Land Use / Land Cover Change And Impact On Carbon Stocks In The Atacora Chain Of Mountains, A Biodiversity Hotspot In Benin (West Africa). *Journal of environment and earth science*. https://doi.org/10.7176/jees/10-6-13

33. Lawrence Kwabena Brobbey, Christian Pilegaard Hansen, **Boateng Kyereh** (2020). The dynamics of property and other mechanisms of access: The case of charcoal production and trade in Ghana. *Land Use Policy*. https://doi.org/10.1016/j.landusepol.2020.105152

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35. Fidèle Tchossi Moutouama, Samadori Sorotori Honoré Biaou, **Boateng Kyereh**, Winston Adam Asante, Armand K. Natta (2019). Factors shaping local people's perception of ecosystem services in the Atacora Chain of Mountains, a biodiversity hotspot in northern Benin. *Journal of Ethnobiology and Ethnomedicine*. https://doi.org/10.1186/s13002-019-0317-0

36. Lucette You Akpa, Hyppolite Dibi N'da, **Boateng Kyereh**, Kpanguy Kouassi Bruno (2019). IMPACT OF CASHEW PLANTATION ON CARBON STOCK IN THE FOREST-SAVANNA TRANSITION ZONE (NORTH-EAST COTE D'IVOIRE). *International journal of innovation and applied studies*.

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39. Eric Mensah Kumeh, **Boateng Kyereh**, Kwame Antwi Oduro, Lawrence Kwabena Brobbey, Samuel Kwabena Nketiah (2019). Transparency in the governance of landscape restoration finance: A case study of Ghana's Forest Plantation Development Fund. *Scientific African*. https://doi.org/10.1016/j.sciaf.2019.e00185
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46. Winston A. Asante, Emmanuel Acheampong, **Kyereh Boateng**, Jacob Adda (2017). The implications of land tenure and ownership regimes on sustainable mangrove management and conservation in two Ramsar sites in Ghana. *Forest Policy and Economics*. https://doi.org/10.1016/j.forpol.2017.08.018
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49. Laurice Codou Faye, **B Kyereh** (2016). Land Use and Land Cover Change in a Community-Managed Forest in South-Eastern Senegal Under a Formal Forest Management Regime. *American Journal of Environmental Protection*. https://doi.org/10.11648/j.ajep.20160501.11
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