CURRICVULUM VITAE

Personal information

First name, Surname:	Richard, Kyere-Boateng		
Email:	richard.kyere-boateng@uenr.edu.gh	Sex:	Male
Nationality:	Ghanaian		
Researcher unique identifier(s) (ORCID, Researcher, etc.):	ORCID ID 0009-0004-7351-5707		

Education

Year	Faculty/department - University/institution - Country
2018-2021	Ph.D. in Spatial Planning, Institute of Management, Slovak University of Technology in Bratislava Bratislava, Slovakia.
2009-2011	MPhil in Development Studies, Institute of Statistical Social and Economic Research (ISSER), College of Humanities, University of Ghana Legon, Ghana.
1999-2011	B Ed in Population and Family Life Education, Department of Geography and Regional Planning, University of Cape Coast Cape Coast, Ghana.
1991-1993	GCE Ordinary Level, Berekum Senior High School Ghana.
1994-1996	Teacher's Certificate `A`, Berekum College of Education Ghana.
1997-1998	GCE Advanced Level, Private Ghana
1987-1989	Junior Secondary School Certificate, Berekum Demonstration JSS Ghana

Positions - current and previous

Year	Academic sector/research institutes/industrial sector/public sector
2019-	Senior Lecturer - University of Energy and Natural Resources, School of Geosciences, Department of Atmospheric and Climate Science - Ghana
2016-2018	Assistant Lecturer - Department of Languages and General Studies, University of Energy and Natural Resources - Ghana.
2014-2015	Teaching Assistant - Department of Environmental Management, University of Energy and Natural Resources (UENR) - Ghana.
2003-2004	Part-Time Tutor - Nurses and Midwifery Training College, Berekum - Ghana

Project management experience

Year	Project - Role
2024-2025	Slovak University of Technology in Bratislava, Slovak and the University of Energy and Natural Resources - ERASMUS ICM - Coordinator
2017-2023	University of Energy and Natural Resources - Earth Observation Research & Innovation Centre- Researcher
2018-2021	SaveGREEN, ConnectGREEN and TRANSGREEN (funded by Interreg Centra Europe and Interreg Danube)-Researcher
2018-2021	Horizon 2020 BISON, all dealing with environmental challenges and ecological connectivity-Researcher
2018-2021	University of Energy and Natural Resources - The role of Ghanaian Tropical Forest in Greenhouse Gas Exchange and Carbon Sequestration - Ministry of Education, Youth and Sports of The Czech Republic (Grant Number LO1415)

Workshop/training/seminar

Year	Academic sector/research institutes/industrial sector/public sector
2025	African Science Frontiers Initiative (ASFI), Science Seminar Series 2025 (Edition Seven) on "Research Collaboration from a Pan-African Perspective: Personal Reflections", Online
2025	Phenology Dataset Workshop, PheDEF Project, UENR, Sunyani, Ghana
2025	Seminar on "Sustainable Remediation of Pharmaceutical Residue Pollution in Water Bodies: Biochar Nanocomposite Adsorption Approach", UENR, in collaboration with KNUST and Primelab Ghana Limited, RCEES, Sunyani Campus.
2025	2-Day Capacity Building Workshop on Carbon Dioxide Removal and Solar Radiation Management, University of Energy and Natural Resources, RCEES Auditorium, Sunyani, Ghana
2025	Knowledge Innovations, Ghana AI Summit, Virtual Workshop on "Transformative AI: Innovation, Ethics, and Strategic Impact", Online
2025	African Science Frontiers Initiative (ASFI), Science Seminar Series 2025 (Edition Five) on "Academia-Industry Collaboration: Implications for African Research Landscape", Online via Zoom
2025	Staff Mobility on the ERASMUS+ International Credit Mobility (KA171), University of Energy and Natural Resources and the Slovak University of Technology, Bratislava, Slovakia
2025	Lecture on Global Climate and Ecosystems by Prof. Michal V. Marek, Akuafo pa, UENR, Dormaa Campus
2025	African Science Frontiers Initiative (ASFI), Science Seminar Series 2025 (Edition Three) on "The Sociology of Research Collaboration", Online
2025	Workshop on "How to Write a Paper and Get It Published", Centre for Professional Development (CePDev-UENR), RCEES Auditorium
2025	Webinar Workshop on "Using Open Access Research Solutions to Improve the Academic Lifecycle", UENR Library, Online
2024	Workshop on "Enhancing Quality Higher Education Delivery through Collaborative Curriculum Development and Innovative Teaching & Learning Practices", The IMPRESSION Project, RCEES Auditorium, UENR Sunyani Campus and online
2024	Workshop on "Science for Africa: Empowering the Research Leaders of Tomorrow", Science for Africa, Okuafo Pa Agribusiness Conference Room
2024	2-day International Networking and Research Workshop on "Understanding the Factors Driving Land Use, Land Use Change and Forestry Impacts in Sub Saharan Africa", Department of Atmospheric and Climate Science/Earth Observation and Research Innovation Center, UENR, Sheila's Executive Hotel, Sunyani
2023	The Conscience of European Fossil Society by Professor Michal V. Marek, UENR Auditorium, Sunyani
2023	Second Annual 2-Day Transformational Dialogue on Small-Scale Mining, Sustaining Environmental Security and Human Rights in Small-scale Mining Operations in Ghana, School of Mines and Built Environment (SMBE), UENR, Sheila's Lodge, Sunyani
2023	UENR Management Retreat 2023 under the theme "UENRs Strategic Plan Vis-à-vis Vice-Chancellor's Vision, Ten Years Through, The Way Forward", Centre for Professional Development (CePDev-UENR), Sheila's Lodge, Sunyani
2023	Training on Research Methods, SpringBOARD/Centre for Professional Development (CepDev-UENR), RCEES Conference room, UENR, Sunyani
2022	6th AfriGeo Symposium, Maximizing EO towards Resilient and Sustainable Systems, Communities and Resources, Accra International Conference Center, Accra
2022	Training Workshop for Deans, Heads of Departments, Heads and Directors of Centres and Professional Development Representatives on Transformational leadership, Management and Resource Mobilization in Higher Education Governance at UENR, Centre for Professional Development (CePDev-UENR), UENR Auditorium, Sunyani

2022	Agroecology Seminar on "Sustainable agriculture in Ghana, the role of Agroecology", Eusbett Hotel Sunyani
2022	RTAC Workshop on Introduction to Qualitative and Mixed-Methods Research, RTAC
2021	Effective Writing Workshop, Global Change Research Institute (Conference Room), CAS, Brno, Czech Republic
2021	Workshop on Successful Scientific Publication, Global Change Research Institute (Conference Room), CAS, Brno, Czech Republic
2022	RTAC Virtual Conference on Technology, Public Interest, and Global Development - Education and Energy Sectors, RTAC
2021	Working on your Leadership Skills, Online
2021	ASFI Scientific Writing Course on Art of Scientific Writing and Publishing, ASFI
2019	One-day workshop on "How to write a competitive project proposal", Global Change Research Institute, CAS, Brno, Czech Republic
2019	One-day workshop on "How to write a project proposal and apply for funding", Global Change Research Institute, CAS, Brno, Czech Republic
2019	One-day workshop on "Ecosystem services governance and climate change mitigation", Department of the Human Dimensions of Global Change, Prague, Czech Republic
2018	Circle Uptake 3 Inception Workshop on "Building and Appreciating Farmers Knowledge and Innovation Capacity through Multi-Stakeholders` Learning Platform", UENR Auditorium
2018	Seminar by Climate Impact Resources Capacity and Leadership Enhancement (UENR) on Preparing a Manuscript for Publication and Developing the Culture of Publication, UENR Auditorium
2018	Workshop on thesis supervision, School of Graduate Studies, University of Energy and Natural Resources, Sunyani
2018	Instructional Skills Workshop, University of Energy and Natural Resources, Sunyani, Ghana, organized by Instructional Skills Workshop Community of Vancouver Island University
2017	Training workshop for Senior Members, Auditorium University of Energy and Natural Resources, Sunyani
2011	Three-day training on the use of Statistical Tools and Techniques for Research Analysis, Institute of Statistical Social and Economic Research (ISSER), University of Ghana, Legon
2010	Two-day seminar on Environmentally Adjusted Cost-Benefit Analysis and Externalities, Institute of Statistical Social and Economic Research (ISSER), University of Ghana, Legon
2010	Two-week field training on development-focused approach to the Environmental Problems in Ghana, Institute of Statistical Social and Economic Research (ISSER)
2010	Team Leader UNIDO Research Project on Domestic and International Companies and Industries in Kumasi, UNIDO
2010	Three-day workshop on environmental sustainability and climate change impacts on rural livelihoods, Institute of Statistical Social and Economic Research (ISSER), University of Ghana, Legon
2009	Three-day seminar on the socio-economic benefits of the forest resources on the livelihoods of rural populace in Ghana, Institute of Statistical Social and Economic Research (ISSER), University of Ghana, Legon

Positions held in the department & school

Year	Academic sector/research institutes/industrial sector/public sector
2025-2027	International Relations and Partnerships Coordinator, Department of Atmospheric and Climate Science
2025-2027	School Industrial Attachment Coordinator, School of Geosciences

2026-2027	International Relations and Partnerships Coordinator, Department of Atmospheric and Climate Science
2026-2027	Undergraduate Studies Coordinator, Department of Atmospheric and Climate Science
2025-2028	Fellow, Regional Centre for Energy and Environmental Sustainability (RCEES)
2025-2026	School Academic Board Representative, School of Geosciences
2025-2026	School Industrial Attachment Coordinator, School of Geosciences
2025-2026	Patron, Atmospheric, and Climate Science Students' Association (ACSSA)
2024-2025	Departmental Examination Officer, Department of Atmospheric and Climate Science
2023-2024	Postgraduate Coordinator, School of Geosciences
2022-2023	Postgraduate Coordinator, School of Geosciences
2025-2026	Departmental Examination Officer, Department of Atmospheric and Climate Science
2023-2024	Departmental Examination Officer, Department of Atmospheric and Climate Science
2024-2025	Chairman, Development of Short Courses for Department of Atmospheric and Climate Science
2025-2026	Undergraduate Studies Coordinator, Department of Atmospheric and Climate Science
2024-2025	Member, School of Geosciences Publicity Committee
2023-2025	Coordinator, Office of Departmental Exchange Programmes
2024-2025	Academic Board Representative, Department of Atmospheric and Climate Science
2024-2025	Departmental Outreach Coordinator, Department of Atmospheric and Climate Science
2023-2024	Departmental Academic Counsellor, Department of Atmospheric and Climate Science
2023-2024	Seminar and Project Coordinator, Department of Atmospheric and Climate Science
2022-2023	Member, University Public Lecture (Global Climate and Ecosystems Professor Michal V. Marek, Czech Globe)
2022-2023	Member, Accreditation of BSc Applied Meteorology and Climate Science
2022/2023	Departmental Academic Counsellor, Department of Atmospheric and Climate Science
2021-2022	Departmental Academic Counsellor, Department of Atmospheric and Climate Science
2021-2022	Industrial Attachment Coordinator, Department of Atmospheric and Climate Science
2021-2022	Member, Committee for the Implementation of MoU between UENR and Slovak University of Technology (STU), Slovakia on the ERASMUS ICM Project
2021-2022	Member, Committee for Re-Accreditation of MPhil/MSc Climate Change Programme
2021-2022	Departmental Outreach Coordinator, Department of Atmospheric and Climate Science
2021-2022	Member, Undergraduate Peer Review Committee, Department of Atmospheric and Climate Science
2021-2022	Officer, Departmental Internship Programme, Department of Atmospheric and Climate Science
2021-2022	Member, School of Geosciences Representative to the Centre for Professional Development Board of UENR
2020-2021	Member, Committee to revise NCTE document of the MSc/MPhil Climate Change
2020-2021	Member, Grants and research Committee, Department of Atmospheric and Climate Science
2020-2021	Member, Committee for the Development of Academic Programmes in Applied Meteorology and Climate Science (Diploma, BSc, MSC, MPhil and PhD)
2019-2020	Member, Curriculum Review Committee for NAB & NCTE documents: BSc Climate Change and Sustainability Development and MPhil/MSc Climate Change

Teaching areas (undergraduate) CCSD & AMCS

Course Code	Courses
CCSD 103	Introduction to Sustainability Theory
CCSD 104	Introduction to Development Theory
CCSD 108	Physical Geography of Ghana
CCSD 201	Introduction to Sustainable Development
CCSD 203	Poverty and Sustainable Livelihood Theory

CCSD 208	Sustainable Environmental Planning
CCSD 212	Poverty and Sustainable Livelihoods Analysis
CCSD 309	Resource Economics and Sustainability Appraisal (Elective)
CCSD 316	Rural Sociology and Sustainability (Elective)
AMCS 370	Climate Change and Forest Ecosystem Services
AMCS 367	Ecosystem Conservation and Management (Elective)
CCSD 407	Urban Sustainability (Elective)
CCSD 415	International Development (Elective)
CCSD 416	Human Health and Sustainable Development (Elective)
AMCS 457	Ecosystem Based Adaptation and Sustainability

Teaching areas (graduate) MPHIL, MSC, PHD

Course Code	Courses
CLIM 715	Climate Change Communication
CLIM 712	Hazards, Risk and Vulnerability Assessment
ENPS 509	Energy and Climate Policy
ENPS 605	Advanced Policy Design and Implementation and Advocacy
ENPS 615	Energy Policy Monitoring and Evaluation

Conference/research visits

Year	Type research conference, visits - Country
2025	6th International Staff week at Slovak University of Technology in Bratislava 13-17 April, 2025
2019	International Conference on Sustainable Development, September 24-25 Columbia University, New York, NY
2019	InnoForESt in Trentino, Italy
2019	The Johann Heinrich von Thünen Institute of Forest Ecosystems, Braunschweig, Germany

Awards/grants

Year	Type of grant
2018-2021	The role of Ghanaian Tropical Forest in Greenhouse Gas Exchange and Carbon Sequestration supported by the Ministry of Education, Youth and Sports of The Czech Republic within the National Sustainability Program I (NPU I), Grant Number LO1415 and the University of Energy and Natural Resources, Sunyani

Research fellowship/affiliations/international membership

Year	Institutions/centres/academic societies
2025-2028	Fellow, Regional Centre for Energy and Environmental Sustainability (RCEES)
2023-Present	ERASMUS ICM Coordinator (Slovak University of Technology in Bratislava, Slovak and the University of Energy and Natural Resources, Sunyani, Ghana
2018-Present	Affiliated Researcher, Earth Observation Research & Innovation Centre, University of Energy and Natural Resources (UENR), Sunyani, Ghana
2018-Present	External Affiliate, Department of the Human Dimensions of Global Change, Global Change Research Institute (Czechglobe) Czech Academy of Sciences, the Czech Republic
2022-Present	Member, Ecosystem Services Partnership (ESP) Ecosystem Services Partnership P.O. Box 570 Wageningen, Ge 6700 AN Netherlands

2021-Present	Member, European Geosciences Union (EGU)EGU - European Geosciences Union e.V.Philippe Courtial Kastenbauerstr. 2 81677 Munich Germany

Research areas & interests

Areas of research focus/interests
➢ **Sustainable development theory, research & practice**
➢ **Social-ecological systems & Sustainability science**
➢ **Political ecology**
➢ **Spatial planning & systems thinking**
➢ **Environment, population & development nexuses**
➢ **Global change & nature-based solutions, Resources economics & management**
➢ **Biodiversity & ecosystem services, Economics of ecosystems and biodiversity**
➢ **Forest ecosystems, Forest carbon & climate change governance**
➢ **Climate change impacts, adaptation and mitigation strategies**
➢ **Urban ecosystem planning & sustainability**

Publication

Year	**Selected Articles**
2020	Mensah, C., Atayi, J., Kaaba-Bah, A. T., Švik, M., Acheampong, D., **Kyere-Boateng, R.,** & Marek, M. V. (2020). Impact of urban land cover change on the garden city status and land surface temperature of Kumasi. Cogent Environmental Science, 6(1), 1787738. DOI: https://doi.org/10.1080/23311843.2020.1787738
2021	**Kyere-Boateng, R.,** & Marek, M. V. (2021). Analysis of the social-ecological causes of deforestation and forest degradation in Ghana: Application of the DPSIR framework. Forests, 12(4), 409. 09; DOI:https://doi.org/10.3390/f12040409
2021	**Kyere-Boateng, R.,** Marek, M. V., Huba, M., & Kluvankova, T. (2021). Perceived Injustices in Forest Policy Interventions are Causes of Forest Resources Degradation and Loss in Ghana: A Review. Open Journal of Forestry, 11(3), 171-191. DOI: 10.4236/ojf.2021.113012
2022	**Kyere-Boateng, R.,** Marek, M. V., & Huba, M. (2022). Assessing changes in ecosystem service provision in the Bia-Tano forest reserve for sustained carbon mitigation and non-timber forest products provision. Geogr J, 74(3), 199-222. DOI: https://doi.org/10.31577/geogrcas.2022.74.3.10
2023	**Kyere-Boateng, R.,** Marek, M. V., & Huba, M. (2023). Understanding local beneficiaries of ecosystem services in the Bia-Tano Forest reserve for sustainable forest governance. The Geographical Journal, 75(1), 5-26. DOI: https://doi.org/10.31577/geogrcas.2023.75.1.01
2023	Okrah, A., Prempeh, N. A., Mensah, C., Johnson, R., Kumi, N., Otu-Larbi, F., & **Kyere-Boateng, R.** (2023). Impact of Spatio-Temporal Land Cover Changes on Land Surface Temperature over Dormaa from 1990. North American Academic Research, 6(4), 87-104. https://doi.org/10.5281/zenodo.7838837.
2026	Prempeh, N.A., Damoah-Afari, P., Okrah, A., Mensah, C., Danquah, L., Wireko-Gyebi, R., Kumi, N., Otu-Larbi, F., **Kyere-Boateng, R.,** Nooni, I.K. and Nyamekye, K.A., 2026. Spatial analysis of dumpsite proximity and malaria occurrence in Dormaa central municipality, Ghana. SN Social Sciences, 6(9), p.364. link: https://doi.org/10.1007/s43545-026-01646-8

References

List of Past Supervisors/Project Team members/Head of Department
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Prof. RNDr. Ing. Michal V. Marek, DrSC., dr. h.c. Global Change Research Institute, CAS, Brno, Czech Republic. Email: marek.mv@czechglobe.cz
Prof. Robert Darko Osei Institute of Statistical Social and Economic Research (ISSER) University of Ghana, P.O BOX LG 74, Legon, Accra Email: rdosei@ug.edu.gh
Nana Agyemang Prempeh Ph.D, Meng Department of Atmospheric and Climate Science (DACS) School of GeoSciences University of Energy and Natural Resources P.O. Box 214, Sunyani-Ghana Email:nanaprempeh29@yahoo.com/drprempeh29@gmail.com
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