Kueshi Sémanou Dahan (PhD)

Position: Associate Researcher
Working Group SusLand "Land Use in Developing Countries"

Academic education and scientific degrees

Sept/2020 – April/2024	PhD (Environmental management and sustainability/ Faculty of Natural Resources and Environment) at WACWISA/UDS (West African Centre for Water, Irrigation and Sustainable Agriculture - University for Development Studies)
Oct/2019 – March/2020	Master at CEA-CCBAD (African Excellence Center for Climate Change, Biodiversity and Sustainable Agriculture) of Felix Houphouet Boigny University
Oct/2018 – July/2019	Master (1) in plant biology at Felix Houphouet Boigny University
Oct/2009 – Aug/2016	Bachelor and Master in Physical Geography (University of Abomey Calavi)

Professional experience

Since 01/2024	Associate Researcher at Leibniz Centre for Agricultural Landscape Research (ZALF), Eberswalder Straße 84, 15374 Müncheberg, Germany
Since 05/2023	Mentorship programme (as a mentor) with One Planet Fellowship Programme
04/2022 – 04/2022	Symposium and the 20th International Conference on Private Higher Education in Africa (Addis-Ababa) (HEFAALA)
11/2019 – 11/2019	Participation in the FRIEND-AOC regional workshop on the use and valorization of spatial hydrometeorological data: methods of bias correction and downscaling at the Research and Innovation Cluster of Félix Houphoêt Boigny University
10/2013 – 10/2016	Technical Assistant in SIG-Carto-Environment the consulting firm (Geographic Information System), digital mapping, satellite imagery, environmental expertise, and statistics applied
10/2013 – 10/2016	Responsible for geodesy field data collection and information to create the Digital Field Model (DFM) in Benin
10/2016 – 10/2016	Youth responsible for the subregional workshop organized by Oxfam Quebec on active citizenship and youth employment (West Africa)
04/2013 – 04/2013	Consultant on food security and economic empowerment programs at Oxfam Quebec in Benin

Research Profile

Background	• Environment management, natural resource management, remote sensing, GIS (Geographic Information Systems), and Geostatistics
	• Climate data and socio-economic data processing and modelling
	• Forestry data processing
	• Spatial data analysis: satellite image processing, use of modern machine learning tools such as Google Earth Engine, R, Python and Java languages

Research Activities	• Forest landscape degradation assessment
	• Land Use Land Cover (LULC) degradation intensity analysis.
	• Wildfire contribution to natural resources degradation assessment
	• Climate change and modelling

Functions and memberships

Since 10/2022	International Association of Wildland Fire
Since 10/2022	International Society of Tropical Foresters
Since 10/2019	IRDR Young Scientists Programme (Integrated Disaster Risk Research)

Awards

10/2021 – 10/2021	Nominated as Green Climate Ambassadors for Africa by Climate Change Africa Opportunities
11/2022 – 11/2022	Award: Second prize received as One Planet Fellowship for registration in a professional association for three years
01/2022 – 09/2022	Climate Ambassador (Global Youth Climate Network - GYCN, World Bank's Youth-to-Youth Community)

Websites

ORCID iD: 0000-0002-9243-6826   ResearchGate   LinkedIn   Google Scholar