



EORC TALK – Talk at the Earth Observation Research Cluster

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Climate Change-Related Research and Capacity Development in West Africa

Climate change research in West Africa is crucial due to the region's vulnerability to climate-related impacts, such as droughts, floods, and desertification. These environmental changes threaten food security, as agriculture is a primary livelihood for many communities. Understanding the local climate patterns and their variations helps to develop adaptive strategies to mitigate these impacts. Additionally, climate change research informs policymaking, enabling governments and organizations to implement effective measures for sustainable development. Ultimately, addressing climate change in West Africa is essential for protecting ecosystems, enhancing resilience, and ensuring the well-being of its populations.

The West African Science Service Centre on Climate Change and Adapted Land Use (WASCAL, <https://wascal.org>) is a long-term partner in research and academia of the University of Würzburg. For more than ten years, WASCAL has contributed to knowledge creation and capacity development on climate change-related topics in West Africa. In this talk, we will learn more about the Doctoral Research supported by WASCAL and carried out on Land Use or Urban Areas under Climate Change at three Universities across West Africa: Kwame Nkrumah University of Science and Technology (KNUST; Kumasi, Ghana); Federal University of Technology Minna (FUT Minna, Nigeria) and University of the Gambia (UTG, The Gambia).



**Wednesday, 20th of November, 02 p.m. - 05 p.m. | Seminar room 1 (00.B.04),
John-Skilton-Str. 4a, EORC**