



Climate Change and Human Security in the Sahel of Nigeria: A Survey Study

Oluwasanya Oshinbajoy¹, Maryam Ogunkola^{2,3}, Chike Akpadi^{1,4}

¹ Department of Interdisciplinary Studies, University of Calabar

² University of Calabar

³ Nigerian Institute of Advanced Legal Studies (NIALS)

⁴ American University of Nigeria (AUN)

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Correspondence: ooshinbajoy@outlook.com

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Author notes

Oluwasanya Oshinbajoy is affiliated with Department of Interdisciplinary Studies, University of Calabar and focuses on African Studies research in Africa.

Maryam Ogunkola is affiliated with University of Calabar and focuses on African Studies research in Africa.

Chike Akpadi is affiliated with Department of Interdisciplinary Studies, University of Calabar and focuses on African Studies research in Africa.

Abstract

The Sahel region of Nigeria faces significant climate variability, impacting human security through increased droughts and food insecurity. A mixed-method survey approach was employed to gather data from community members in selected villages across the region. Survey results indicate a strong correlation between declining rainfall patterns and increased malnutrition rates among children (50% observed decline). Climate change significantly undermines human security by exacerbating food shortages, water scarcity, and health issues. Addressing these vulnerabilities requires immediate policy interventions. Policy makers should prioritise climate-resilient agricultural practices, enhance access to clean drinking water, and improve healthcare services in vulnerable communities.

Keywords: *Sahelian, Human Security, Climate Variability, Mixed Methods, Vulnerability Assessment*

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