



Ethical Foundations of AI and Data Governance in Ghana's Socio-Ecological Context

Osagyefo Afentobekoh¹, Esi Adjuah^{2,3}, Kwesi Ameyaw^{4,5}, Abena Akpakpam⁶

¹ Kwame Nkrumah University of Science and Technology (KNUST), Kumasi

² Food Research Institute (FRI)

³ Ashesi University

⁴ Department of Advanced Studies, Ashesi University

⁵ Department of Research, Food Research Institute (FRI)

⁶ Department of Interdisciplinary Studies, University of Professional Studies, Accra (UPSA)

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Correspondence: oafentobekoh@aol.com

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Author notes

Osagyefo Afentobekoh is affiliated with Kwame Nkrumah University of Science and Technology (KNUST), Kumasi and focuses on African Studies research in Africa.

Esi Adjuah is affiliated with Food Research Institute (FRI) and focuses on African Studies research in Africa.

Kwesi Ameyaw is affiliated with Department of Advanced Studies, Ashesi University and focuses on African Studies research in Africa.

Abena Akpakpam is affiliated with Department of Interdisciplinary Studies, University of Professional Studies, Accra (UPSA) and focuses on African Studies research in Africa.

Abstract

AI and data governance are critical in shaping socio-ecological outcomes in Ghanaian societies. A theoretical framework approach will be employed to analyse existing literature and propose new ethical guidelines for AI and data use. Theoretical insights will contribute to a comprehensive understanding of ethical considerations in AI and data management within Ghana's diverse socio-ecological landscape. Developing culturally sensitive and transparent AI systems is recommended as a key recommendation for policy makers.

Keywords: *African geography, socio-ecology, data ethics, algorithmic fairness, participatory governance, digital divide, indigenous knowledge systems*

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