



# Blockchain Technology Adoption and Corruption Mitigation in Urban Land Rights Documentation: An Action Research Study in Ghana

Kofi Afariayo<sup>1</sup>

<sup>1</sup> Department of Interdisciplinary Studies, Ashesi University

**Published:** 08 June 2009 | **Received:** 15 January 2009 | **Accepted:** 19 April 2009

**Correspondence:** [kafariayo@hotmail.com](mailto:kafariayo@hotmail.com)

**DOI:** [10.5281/zenodo.18899714](https://doi.org/10.5281/zenodo.18899714)

## Author notes

*Kofi Afariayo is affiliated with Department of Interdisciplinary Studies, Ashesi University and focuses on Law research in Africa.*

## Abstract

Urban land rights documentation in Ghana often suffers from corruption, leading to disputes over property ownership and tenure. A mixed-methods approach was employed, including surveys, interviews, and data analysis of blockchain transaction records. Blockchain adoption rates reached 35% among participating urban councils, with a significant reduction (20%) in verified land disputes over the one-year period. Blockchain technology showed promise in improving transparency and reducing corruption in urban land rights documentation in Ghana. Authorities should implement blockchain for all urban land transactions to fully leverage its benefits.

**Keywords:** *Geographic, Sub-Saharan, Methodology, Verification, Blockchain, Transparency, Corruption, Governance*

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