



# Digital Inclusion Dynamics in Rural African Communities of Equatorial Guinea,

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## Abstract

Digital inclusion in rural African communities is a critical area of study due to its potential to bridge the digital divide and enhance socio-economic development. A mixed-methods approach was employed, combining qualitative interviews with quantitative data analysis from a survey conducted among 200 randomly selected households in four rural communities. Digital access disparities were evident across the regions studied, with approximately 45% of respondents reporting limited internet connectivity and device ownership issues. The findings underscore significant challenges faced by rural communities in accessing digital technologies, particularly in remote areas. Strategies aimed at improving infrastructure and community engagement are proposed to address these gaps. Investment in broadband networks and mobile data services is recommended, alongside public awareness campaigns and educational initiatives to enhance digital literacy among rural populations. Digital Inclusion, Rural Communities, Equatorial Guinea, Digital Divide

**Keywords:** Rural, Sub-Saharan, GIS, Participatory, Framework, Access, Equity

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