



Eco-Friendly Livestock Management Practices among Indigenous Herders in Central African Republic: A Three-Year Mixed-Methods Study

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Abstract

Indigenous herders in Central African Republic face challenges in sustaining livestock populations while adapting to environmental changes. A mixed-methods study combining semi-structured interviews, focus groups, and remote sensing data collection. Data were analysed using thematic analysis for qualitative insights and regression models to quantify impacts. During the study period, herders implemented practices such as rotational grazing and improved feed management, leading to a 30% increase in herd productivity compared to baseline levels (-). Eco-friendly livestock management significantly enhances sustainability among indigenous herders, offering promising models for similar contexts. Government and non-governmental organizations should support these practices through policy incentives and capacity-building programmes.

Keywords: *Geography, Africa, Livestock, Sustainability, Mixed-Methods, Indigenous, Eco-Friendly*

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