

A Gender-Responsive Toolkit for Climate Adaptation in Pastoralist Communities: The Climate Adaptation Toolkit for Pastoralist Communities (Cat-Pc)

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Abstract

The Climate Adaptation Toolkit for Pastoralist Communities (CAT-PC) is a mobile application under development aimed at empowering pastoralist communities in Kenya and the Horn of Africa, with a particular focus on addressing the specific challenges faced by women. By integrating Participatory Action Research (PAR) and the Social Tenure Domain Model (STDm), the toolkit is designed to facilitate the creation of gender-responsive and community-driven climate adaptation strategies. The CAT-PC seeks to address critical challenges such as limited access to land rights, resource management, and the exclusion of women from decision-making processes, which are often exacerbated by climate change. Through a comprehensive approach that includes community-led data collection, GIS mapping, and intersectional analysis, the toolkit aims to ensure that adaptation plans are culturally relevant, inclusive, and sustainable. The upcoming pilot implementation in Kajiado will provide insights into the potential scalability of the toolkit, offering a model for adaptation in other pastoralist regions. This paper emphasizes the importance of integrating local knowledge, fostering social equity, and enhancing resilience in pastoralist communities through participatory and gender-sensitive approaches. The findings will contribute to the broader discourse on climate adaptation by demonstrating how tailored interventions can effectively address the vulnerabilities of marginalized groups, particularly women.

Keywords: Climate Adaptation, Gender Responsive Strategies, Participatory Action Research, Pastoralist Communities, Social Tenure Domain Model