

# Climate change perception and adaptation of agro-pastoral communities in Kenya

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## Regional Environmental Change

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## Abstract

Data on agro-pastoralists' perceptions of climate change and adaptation options were collected from agro-pastoral communities in 7 rural districts of Kenya. Key adaptation strategies for livestock producers include mixing crop and livestock production, destocking, diversifying livestock feeds, changing animal breeds and moving animals to other sites. Desired adaptation options include introducing new breeds and increasing herd size. Additionally, the main barriers to adaptation identified include lack of credit or savings followed by lack of access to land and inputs. Farmers adaptation among livestock producers is also hindered by the absence of markets, particularly for the purchase of additional animal or new breeds or species.

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