



# A Framework for Climate Change Adaptation Strategies Among Maize Farmers in Ethiopian Highlands

Mulu Gebreab<sup>1,2</sup>, Yilma Yohannes<sup>3,4</sup>, Kassahun Assefa<sup>5</sup>, Fikru Mesfin<sup>6</sup>

<sup>1</sup> Department of Research, Jimma University

<sup>2</sup> Haramaya University

<sup>3</sup> Department of Advanced Studies, Jimma University

<sup>4</sup> Department of Interdisciplinary Studies, Haramaya University

<sup>5</sup> Mekelle University

<sup>6</sup> Department of Interdisciplinary Studies, Jimma University

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**Correspondence:** [mgebreaab@outlook.com](mailto:mgebreaab@outlook.com)

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## Author notes

*Mulu Gebreab is affiliated with Department of Research, Jimma University and focuses on African Studies research in Africa.*

*Yilma Yohannes is affiliated with Department of Advanced Studies, Jimma University and focuses on African Studies research in Africa.*

*Kassahun Assefa is affiliated with Mekelle University and focuses on African Studies research in Africa.*

*Fikru Mesfin is affiliated with Department of Interdisciplinary Studies, Jimma University and focuses on African Studies research in Africa.*

## Abstract

The Ethiopian Highlands are a significant agricultural region facing increasing climate variability, impacting maize yields and farmer livelihoods. A mixed-methods approach combining literature review, expert interviews, and scenario analysis to derive insights into farmer behaviors and needs regarding climate resilience. A theoretical framework is proposed that integrates socio-economic factors, climatic variables, and farmer decision-making processes to enhance resilience against climate change impacts on maize farming. Policy makers should prioritise investment in early warning systems, soil conservation practices, and insurance schemes as key adaptive measures for farmers in the region.

**Keywords:** Ethiopia, Highlands, Adaptation, Climate Variability, Resilience, Livelihoods, Sustainable Practices

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