

◆ Research Paper

DOI: [10.5281/zenodo.5816757](https://doi.org/10.5281/zenodo.5816757)

Climate-Smart Agriculture for Zambia's Smallholder Farmers: Review Paper

Petros Chavula^{1*}

¹College of Agriculture, Department of Climate-Smart Agriculture,
Africa Center of Excellence for Climate Smart Agriculture and Biodiversity
Conservation, Haramaya University,
P.O. Box 138, Haramaya, Oromia Region, Ethiopia

* Corresponding author Email: petroschavula2@gmail.com

Abstract: Most developing country's governments in Sub Sahara African countries' including Zambia's and international organizations have committed major resources to promote Climate-Smart Agriculture (CSA) as a means of increasing resilience to the effects of climate change. Zambia has made significant progress in expanding CSA and is now regarded as a regional leader in this file. This research is of great importance in ascertaining adopted practices impacts among rural farming households and contributions to soil physicochemical properties (agroecosystem). The study's findings will aid in the improvement of CSA activities and have an impact on policy regarding the development of future intervention approaches. Hopefully, CSA activities in Zambia will be scaled up, resulting in more effective resource use and CSA project execution. Therefore, an inclusive study is needed to quantify the effects of CSATs on soil physicochemical properties across different (selected) technologies and household consumption among smallholder farmers. The inclusive study will conduct a statistical analysis with a holistic econometric approach.

Keywords: Agriculture, Climate, Impacts, Household, Smallholder



This paper DOI: [10.5281/zenodo.5816757](https://doi.org/10.5281/zenodo.5816757)

Journal Website: <http://ijgsw.comze.com/>
You can submit your paper to email: Jichao@email.com
Or IJGSW@mail.com