



**The Agricultural Climate Resilience  
Enhancement Initiative  
(ACREI)**



**ICPAC**  
IGAD Climate Prediction  
& Applications Centre

# ACREI OVERVIEW


Rural communities in arid and semi-arid regions have limited access to information, technical support and financing to adapt to climate change. Their coping capacity to local climate variability and predictions is thus very limited.

ACREI aims to develop and implement adaptation strategies and measures that will strengthen the resilience of vulnerable smallholder farmers, agro-pastoralists and pastoralists in Ethiopia, Kenya and Uganda to climate variability and change.

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## Strengthening Feedback Mechanisms

The project aims at developing two way communication channels between National Meteorological Agencies and users of climate information, which includes the development and testing of most cost effective feedback mechanisms.



## Strengthening Extension Services

ACREI builds capacity of extension services in Kenya, Ethiopia and Uganda on: using climate information to provide agricultural advisories, crop monitoring, conducting crop assessments, IPC (Integrated Food Security Phase Classification) analysis and Participatory Integrated Climate Services for Agriculture (PICSA).



## Analysis of Climate Data

Through the analysis of past, present and future climate data, the project is creating downscaled climate products for planning at the sub-national level. The climate products generated aim provide scientific knowledge to inform policy.



## Tailored Forecast & Advisories

The project facilitates the participation of National Meteorological Agencies, traditional forecasters, line ministries and farmers and NGOs, among others, in co-production of localised climate and weather advisories. Through tailored forecasts and advisories, ACREI supports the development of credible and legitimate knowledge and climate services.

## Key Outputs

- Downscaled, location-specific seasonal climate forecasts and future projections regularly generated by ICPAC and participating NMHSs
- An efficient agro-climatic advisory and feedback mechanism strengthened
- Agro-climatic advisories appropriately packaged and timely disseminated
- Evidence based climate information feeds into policy dialogues in the region





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## Delivering Climate Services to the Greater Horn of Africa

