



The Weather and Climate Information Services for Africa (WISER) Phase II



ICPAC
IGAD Climate Prediction
& Applications Centre



(WISER) Phase II

The project aims to strengthen the capacity of ICPAC to deliver improved and usable weather and climate products and services on various timescales anchored on principles of co-production and user engagement.

WISER II aims to increase the resilience of vulnerable populations to weather and climatic shocks by supporting the provision of wide-reaching services, that cascade down to national and sub-national levels and are tailored to user needs.

Follow us on Social Media:



IGAD Climate Prediction and Applications Centre



@icpac_igad



IGAD Climate Prediction & Applications Centre

Contact information: **IGAD Climate Prediction and Applications Centre**

P.O. Box 10304 - 00100 Nairobi, Kenya, info@icpac.net



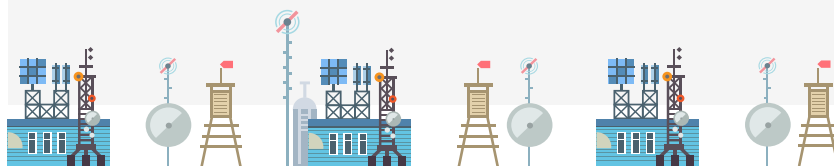
Climate data management and maprooms development

The access to quality climate data is key in providing reliable climate products and services in the region. IRI has been supporting ICPAC to set up and improve ENACTS data products and Data Library technology. The UK Met Office has supported the improvement of the SC�PEA Data Library portal (Strengthening Climate Information Partnerships East Africa) to avail Global Producing Centres data for forecasting and provided training in processing, interpretation and use.



User engagement and co-production

CARE International has supported embedding co-production and user engagement principles in climate services provided by ICPAC and National Meteorological Departments. CARE has developed ICPAC guidelines for co-production and climate knowledge brokering.





Weather forecasting and climate change projections

A consolidated forecast system that utilizes the best performing forecast method is being developed. This system aims to provide the core sub-seasonal to seasonal forecast and climate change information to all stakeholders and users. ICPAC's existing forecast evaluation facility is being expanded to enable comparison of a wider range of dynamical and statistical forecasts. A High-performance computer (HPC) has also been procured to support ICPAC' growing computing needs related to dynamical modeling of extreme weather, sub-seasonal, seasonal and climate change projections as user demands and requirements grow unbounded.



Capacity building

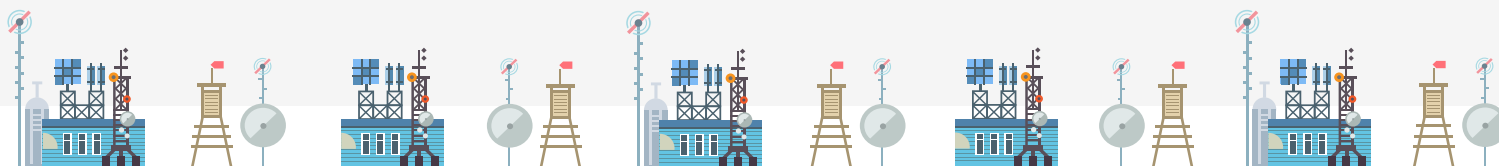
ICPAC, as a WMO Regional Climate Center, was supported to deliver services to its users including National Meteorological Departments. The International Research Institute for Climate

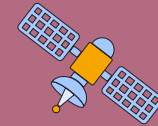


and Society is supporting the IRI Data Library and Maproom development, Systems Administration and Management, a climate data analysis tool, SCIPEA data portal upgrades and integration. In addition, trainings have been conducted on a consolidated forecasting system that uses a range data sets, tools and dynamical models including model verification, and climate change risk narratives and change frameworks.

Key Outputs

- Improved data access, forecast services and production systems
- Improved capacity for user engagement and co-produced climate services
- Better access and uptake of climate services for decision-making
- A roadmap to sustain and fund future advancement of the project's achievements
- ICPAC's co-production and user-engagement manual





ICPAC
IGAD Climate Prediction
& Applications Centre

Delivering Climate Services to the Greater Horn of Africa

