



ENACTS@IRI.COLUMBIA.EDU



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CONTACT US...

ENACTS@iri.columbia.edu

The Enhancing National Climate Services (ENACTS) initiative delivers robust climate data, targeted information products and training for policy makers and practitioners, enabling them to apply climate information to development decisions with confidence.



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GLOBAL FRAMEWORK FOR
CLIMATE SERVICES

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ACP/C
Africa Climate Policy Centre



RESEARCH PROGRAM ON
Climate Change,
Agriculture and
Food Security



INTRODUCING

ENACTS

ENHANCING NATIONAL
CLIMATE SERVICES

INITIATIVE

Targeted climate
information
for impactful
decision making



International Research Institute
for Climate and Society
EARTH INSTITUTE | COLUMBIA UNIVERSITY

ENACTS

ENHANCING NATIONAL CLIMATE SERVICES

Harnessing the best global and local climate data

Why is it so important?

ENACTS is responding to significant and increasing challenges

- **Development interventions** across various sectors have to consider the effects of a changing climate if they want to make sustainable development gains in health, agriculture, economic growth and build climate resilience in vulnerable communities.
- Many African countries have large **gaps in ground observational records** leading to poor quality data and therefore unreliable climate analysis, short-term forecasts and long-term projections.
- By **blending rigorously evaluated local observations and the best available global climate products**, ENACTS data provides national coverage with greater accuracy.
- This robust, high definition climate data is used to create **accessible information products and specific training** relevant to user needs.
- **The results include:** strengthened policy analysis, better local capacity and more targeted decision making.

How it works

By integrating observations with proxy data, **ENACTS** overcomes issues of data scarcity and poor quality, and introduces quality-assessed, spatially and temporally complete data services into national meteorological agencies. One of the strengths of **ENACTS** is that it harnesses all local observational data, incorporating high definition information that globally produced or modeled products rarely access. The resulting spatially and temporally continuous datasets allow for the characterization of climate risks at a local scale.

The Implementation

Working alongside national meteorological agencies, regional climate centers, the World Meteorological Organization, government ministries and sectoral partners, **ENACTS** has so far been implemented in Ethiopia, Madagascar, Tanzania, Rwanda, Ghana, Gambia, Mali and Zambia via a regional collaboration with the AGRHYMET Center. New countries are coming onboard.

“ We were striving for a “one-desk” service, but with ENACTS we are able to provide a “one-click” service. ”

– Kidane Assefa
Former Director General,
National Metrology Agency of Ethiopia

