Multi Country Support Programme to Strengthen Climate Information Systems in Africa

- How the Global Climate Observing System supports user-driven climate services -

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13 April 2014, Addis Ababa
“Water, Food and Energy” – this is the African Mantra, said Prof Richard Samson Odingo (University of Nairobi) at a meeting of the African Climate Policy Centre in 2011.
Ensuring the availability of global observations for climate
GCOS assesses progress and requirements, advises on implementation

- report and plan to be submitted to sponsors and UNFCCC in 2015/16

GCOS provides assistance with implementation of infrastructure
Global Framework for Climate Services

- **General service applications**
  - User Interface (GFCS)
  - Climate Services Information System (GFCS)
- **Adaptation to variability and change**
  - Policy (UNFCCC)
  - Assessment (IPCC)
- **Mitigation**
- **Observation**
  - (GCOS: a system of climate observing systems)

**Feedback**

Logos:
- GCOS (Global Climate Observing System)
- GFCS (Global Framework for Climate Services)
- WCRP (World Climate Research Programme)
- IGBP (International Geosphere-Biosphere Programme)
- ICSU (International Council for Science)
AMCOMET – a regional framework

AMCOMET – African Ministerial Conference on Meteorology (next meeting in Oct 2014)

an initiative by the African Union and World Meteorological Organization

Implementation of GFCS in Africa:
www.wmo.int/amcommet
Cross-cutting Issues and Sectors

Cross-cutting issues:
- Risk Management
- Early Warning Systems
- Research, Modeling and Assessment
- Data Rescue and Management

Sectors:
- Water Resources
- Coastal Zones
- Health
- Forestry
- Agriculture
- Energy
- Transport
Global Observing Systems for Climate

gcos.wmo.int
Final Remark is a simple Equation

Knowledge + Action = Power
GCOS assesses progress and requirements, advises on implementation, and reports to UNFCCC on the status of observing systems for climate.

GCOS Cooperation Mechanism provides assistance with implementation of infrastructure.
GCOS was set up to help ensure that observational needs are met for:

- monitoring
- research
- applications

GFCS now provides the organisational basis for the service element.
Observation Requirements

Common themes regarding observation requirements:

- Need for higher spatial and temporal resolution;
- Need to focus on regions where climate change will have significant sector effects and where there are vulnerable populations;
- Need to develop infrastructure and governance to support sustained data rescue;
- Need to support research initiatives such as PROVIA and Future Earth.