

# **RANET Uganda Program**

**By**  
**Samuel Senkunda(Agrometeorologist)**

**Department of Meteorology  
Ministry of Water, Lands and Environment  
10<sup>th</sup> floor, Postel Building Clement Hill Rd  
P. O. Box 7025 Kampala, Uganda**

## **Meteorology Department Services**

Mandate for observing, recording and forecasting the behavior of the various elements of the atmosphere as well as monitoring weather and climatic changes.

**Provision of climatic advisories to the government and users in the agriculture sector in form of Agrometeorological bulletin  
Seasonal rainfall forecasts, enhancing Early Warning Services and disaster preparedness.**

## Rainfall is a Natural Capital



**The food crop sector that supports most of the livelihoods in Uganda, is women labour intensive, and heavily dependant on rainfall performance, thus influencing household food security and incomes.**

## Climate, Agriculture and Society



With the increasing irregularity of seasonal rainfall, rural communities that depend on rain fed agriculture are vulnerable to climatic shocks like droughts and floods that lead to crop failures, which increases chances of food insecurity and famine.

Availability of timely climate information to farmers to make better farming decisions is central to insulate them from climatic shocks.

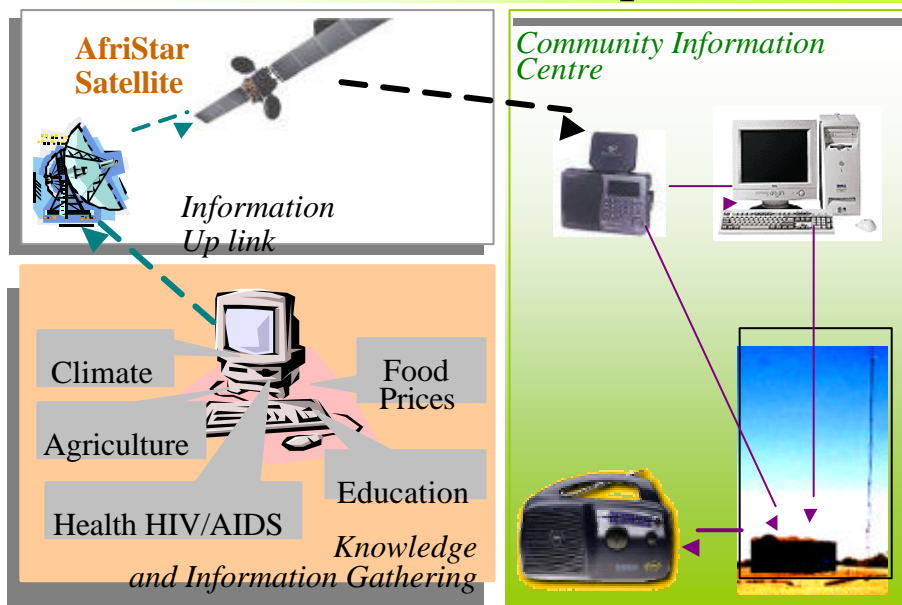
## RANET ?

RADIO AND INTERNET NEW  
INFORMATION TECHNOLOGIES  
FOR RURAL COMMUNICATION

***RANET WAS DESIGNED SPECIFICALLY TO  
ADDRESS INFORMATION ACCESS AND  
SUPPORT FOR RURAL COMMUNITIES AS A  
TOOL FOR EARLY WARNING SERVICES***

**RANET is a Brain Child of ACMAD( African Centre  
for Meteorological Applications for Development**

## RANET Set-Up



## RANET Partnership Efforts

**USAID**(United States Agency for International Development

**NOAA**(United States, National Oceanic and Atmospheric Agency

**University of Oklahoma, USA**

**WorldSpace Foundation**

**ACMAD**(African Center for Meteorological  
Applications for Development) Niger

*Owned by Meteorological Departments of Africa*

**Department of Meteorology, Uganda**

International, National, Local Individual partners

## Implementation Initiatives

**2001-Ten RANET operational sites in Rural  
Communities**

**Training of computer staff of World Vision on  
RANET software installation and operation.**

**Trained extension field staff of World Vision as  
RANET partners, on the utilisation and  
application of climate information in agriculture  
and use of RANET technologies**



## Lessons to Learn

**Climatic advisories can now reach the remotest villages in Uganda, on a timely basis, using the RANET technologies.**

**With training, agriculture officers, can now interpret climate information and communicate it to farmers**

**The vulnerable group of the population has access to a range of developmental information particularly climate advisories which is crucial to farming.**

## Constraints

**Financial resources the biggest constraint**

Expansion of RANET program

Purchasing more equipment

Community level trainings

Site Visits for providing technical assistance

Monitoring

## Future Activities of RANET

Mobilize resources for RANET Expansion

Expansion of RANET sites from 10 to 40

Establish more development partners

Strengthen linkage between Radio presenters  
and agriculturalists

Train RANET partners

Train RANET information users clubs

## Information a resource for Development



THE END  
THANK YOU