

Meteo Discussions Group 6

- Topic 1:Water Resources Management
- Topic 2:Disaster risk management
- Topic 3:Rwanda Meteorology services

Water Resources management

- Monitor water resource (various stations in strategic areas to monitor the level of water, and quality) : data base
- Development (planning, management and projection)
- Water master plan for irrigation master plan
- Dissemination by Informing the following stakeholders:
 1. WASAC (water quantity),
 2. MININFRA (hydro power),
 3. MINAGRI (Seasonal agricultural),
 4. MINISANTE (water quality)

Disaster risk management (MIDMAR)

- Disaster risk reduction Communication through TV, TV shows, Radio and disaster week.
- Disaster risk recovery and response
- disaster mapping
- National disaster atlas (indicating risk zones) by using existing information
- Early warning system
- Data dissemination through different channels including umuganda
- Installation of lightening detector as pilot phase

Rwanda Meteorology Services

- Daily weather forecasting in 6h
- Seasonal weather forecasting(3 months)
- Climate and health data
- Agricultural meteorology data

Gaps

- Unavailability of national disaster atlas
- Lack of accuracy on location and intensity of the information provided by METEO stations
- Lack of historical data on disaster
- Dissemination(communication channel not efficient)
- Lack of Capacity (Human, and Budget)
- Lack of collaboration with stakeholders (request of water permit)
- Lack of prediction of rain (floods control)
- The collaboration mechanism METEO is not strong and poor communication.

Recommendations

- Improve accessible communication channel (Telecommunication Companies,)
- Strengthen collaborate with relevant institutions
- Regular consultation workshops with METEO data providers and users
- Awareness raising campaigns for METEO services
- Capacity building for weather forecasting (Institution and human capacities)
- Improve prediction of rainfall
- To improve the feedback system from end users of meteo data (Farmers , etc)