

# The Climate Analysis and Applications Map Room

Tufa Dinku, Rémi Cousin and John Del Corral

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

# The Challenges

- **Number of weather stations not adequate, particularly over many parts of the developing world and remote areas**
- **Most stations are located in cities along main roads**
- **Serious gaps in available observations (missing data)**
- **Questionable data quality**
- **Limited access and use of the available data**

# The ENACTS Approach to Overcome the Challenges

## Improving Availability

Combine station data with other proxies (satellite, model)

- Organize and quality control station data
- Combine station measurements with the satellite and other proxies
- This will help fill spatial and temporal gaps in observations

## Improving Access and Use

Facilitate accesses to and use of climate information

- Develop information products for specific applications
- Engage users in the development of information products
- Make information products and tools available online

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Climate Analysis

Climate Monitoring

Climate Forecast

## Climate Analysis

### Monthly Climate Analysis

Rainfall time series(1983-2010) and temperature time series(1981-2010)reconstructed from station observations and remote sensing and other proxies. This interface allows users to view rainfall, maximum and minimum temperature climatologies.

