**The ENACTS (Enhancing National Climate Services) Approach**

Tufa Dinku, Remi Cousin, John Del Coral and Madeleine Thomson  
International Research Institute for Climate and Society (IRI), the Earth Institute at Columbia University  
tufa@iri.columbia.edu

**What is ENACTS?**

ENACTS is IRI’s initiative to transform national climate services by improving availability, access and use of climate information. Availability of climate data is improved by combining quality-controlled data from the national observation network with satellite estimates for rainfall and reanalysis products for temperature. Access to information products is enhanced by making derived information products available online. Use of climate information is facilitated by engaging and collaborating with potential users.

**The Three Pillars ENACTS**

**Improve Availability**
- Build capacity of NMHS data
- Quality control station data
- Combine station data with proxies
- Improve seasonal forecast

**Enhance Access**
- Install IRI Data Library
- Develop online tools for data analysis and visualization
- Create mechanisms for data sharing

**Promote Use**
- Engage users:
  - Raise awareness
  - Build capacity of users to understand and use climate info
  - Involve users in product development

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**Major Outputs**

1. **Assess Data Availability**

   - Over 30/50-years of climate time series for every 4km grid across each country:
     - Now data available where there are no stations

2. **Assess Data Quality**

   - Installation of the IRI Data Library at NMHS
     - A powerful tool for generating climate information

   - Unprecedented online access to information products:
     - Satisfies the needs of many users
     - Overcomes (partly) the challenges of data access

   - Built capacity at NMHS and some user communities

3. **Merging Station observations with global proxies**

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**ENACTS Countries**

- Ethiopia
- Gambia
- Ghana
- Madagascar
- Mali
- Rwanda
- Tanzania
- Zambia
- Kenya
- Uganda
- Malawi

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**Moving Forward**

1. Strengthen ENACTS where it has already been implemented
   - More climate variables
   - More application-specific products
   - More user engagement

2. Expand ENACTS to more Countries