

# *Climate as a Resource for Water Management*

NOAA CIPA Review  
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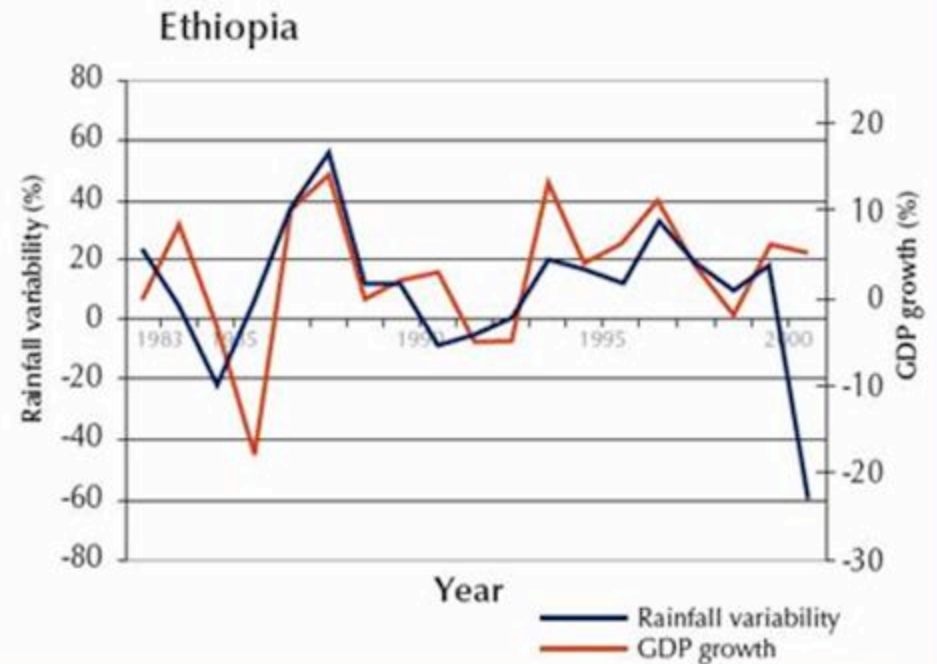
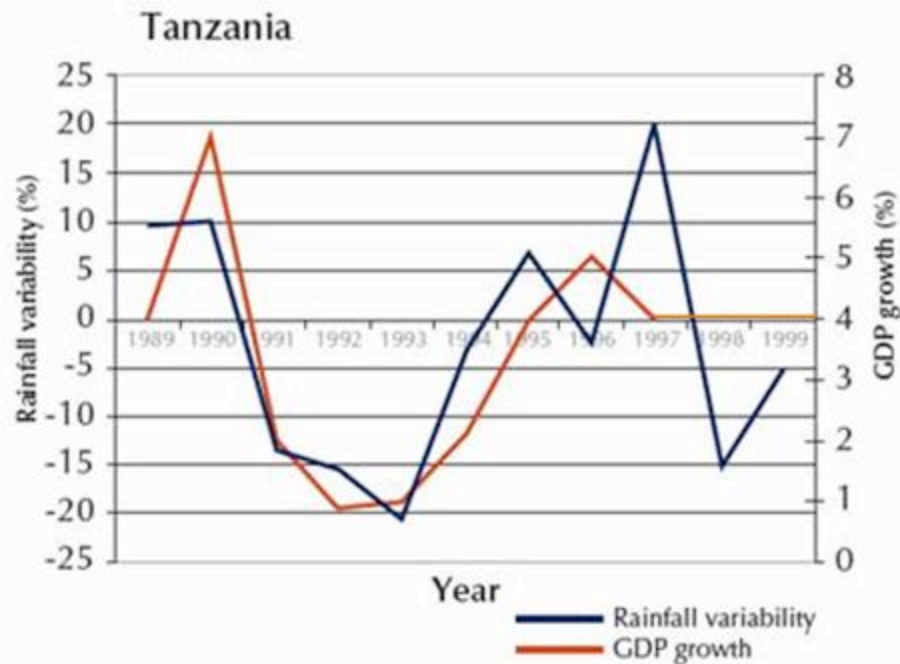
# IRI Approach: Climate Risk Management

Promotes sustainable development goals by helping manage vulnerability associated with short-term climate variability and longer-term climate change.



# Climate and Development: Impacts

- Investments, infrastructure
- Climate sensitive sectors
- Economic performance



# Selected IRI Water Work

- Ethiopia, Philippines, Chile
  - Seasonal Forecasts
- South Africa
  - Multidecadal Forecasts
- Disaster Risk Management
  - Flood index insurance
  - Red Cross 'Partnership to save lives'
- Training
  - WB course, IRI '3 day' course for professionals
- Policy
  - WWAP indicator development
  - Reports: WWDR-3, Gates, World Bank

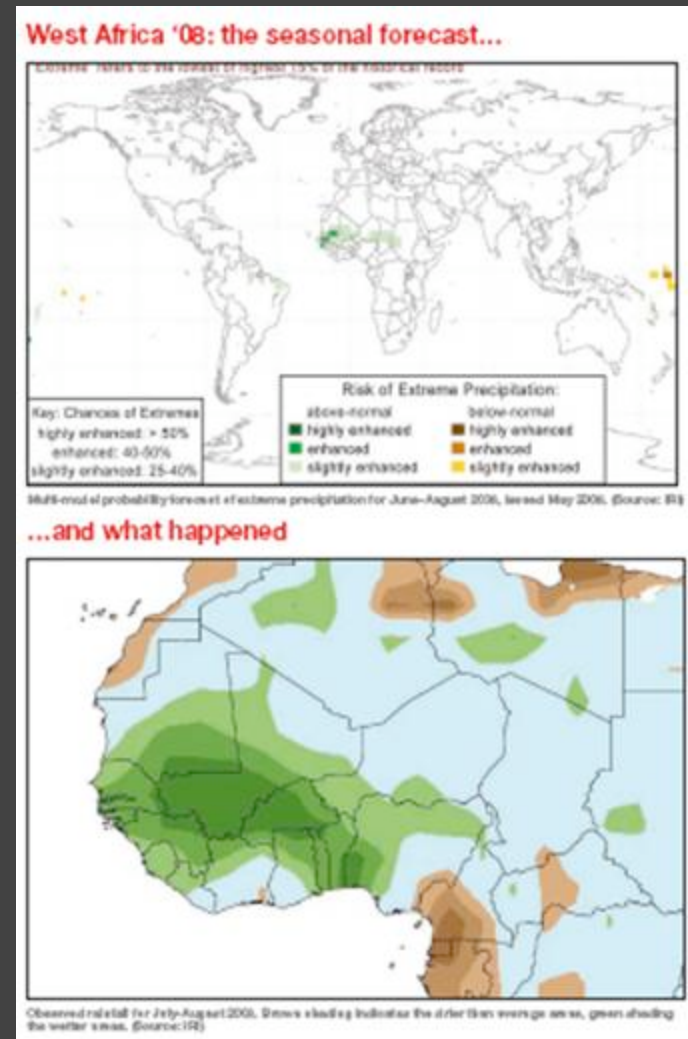


# South Africa: Assessing Adaptation Options in Western Cape

- Partnership: Universities, Private Sector and Government Agencies
- Economic evaluation of adaptation alternatives
  - Adjust to climate change by first adjusting to seasonal and multi-decadal climate variability?
  - Is there added value in using multi decadal information for planning?
  - Planning model

# IFRC: Partnership to Save Lives

- Began in 2007
- Climate information for operational decisions
  - 6-day to 3 months rainfall in context
  - first appeal based on a seasonal forecast
  - Information used every day
  - Masters intern program (10 students in regional and national RC around the globe)



# Demands from the field

- Risk management strategies (with an eye on changing climate)
- Climate information across time scales to feed into operational decisions, planning and policy
  - Improving historical time series
  - Better interpretation at scale
  - How valuable is the information?

**Thank You**