



World Conference on Disaster Reduction

18-22 January 2005, Kobe, Hyogo, Japan

ECHO/ISDR good practices for resilient communities

CLIMATE PREDICTION AND EARLY WARNING IN SUPPORT OF DISASTER RISK REDUCTION FOR SUSTAINABLE DEVELOPMENT

Extreme climate events such as cyclones, floods, droughts, etc are very common in the Africa. They trigger devastating socio-economic impacts, and sometimes retard development backwards for many years. No sustainable development can therefore be achieved in the continent without effectively addressing issues related to disaster reduction challenges. Climate monitoring, prediction and timely early warning of extreme climate events is one of the best strategies for mitigating the negative impacts of such events and also for taking advantage of the good years.

The poster exhibits some of the good practices that have been witnessed by IGAD Climate Prediction and Application Centre (ICPAC) through its regional activities related to climate monitoring prediction, early warning and interactions with various climate sensitive sectors for enhanced application of climate knowledge for disaster risk reduction, in support of sustainable development in the Greater Horn of Africa sub-region.

The poster highlights some of the achievements related to:

- Development of new prediction and early warning tools;
- Some applications of climate prediction and early warning products in the following sectors among others: agriculture and food security; water resources sector; hydropower sector; health ; disaster management ; education and awareness including involvement of the media;
- Sensitization of the women and the youth on disaster risk reduction related issues.

ICPAC is a specialized institution of the Intergovernmental Authority for Development (IGAD). It is a regional centre of the NMHSs, namely Djibouti, Ethiopia, Eritrea, Kenya, Eritrea, Uganda, and Sudan, together with non IGAD countries Tanzania, Rwanda and Burundi. ICPAC originated from Drought Monitoring Centre - Nairobi that was operated as a WMO /UNDP project between 1989-2000. Most of its activities are currently being supported by USAID /REDSO and USAID / OFDA. ICPAC's pilot projects are supported by NOAA /OGP, WMO and other partners. WMO still coordinates most operational and technical activities of ICPAC on behalf of IGAD. IRI has been ICPAC's key partner on regional climate and application issues. Collaboration with ISDR/AFRICA has made significant contribution to many regional disaster management initiatives.

Web page:www.dmcn.org;
E-mail: logallo@meteo.go.ke;
Phone:254-20-578340;
FAX:254-20-578343