**First Annual Conference on Climate Change and Development in Africa (CCDA-I)**


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**Improving adaptation in Africa: Effective use of climate science**

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**Introduction**

- Climate change is expected to intensify existing problems and create new combinations of risk with potentially grave consequences
- Climate change is expected to place considerable additional stress on the biophysical, economic, political and social system that determine livelihood security in Africa

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**Objective**

- Disseminate the best available information concerning the nature of future climate risks in order to have a successful anticipatory adaptation decision making

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**Key points**

- Establishment of regional climate-science centres that have the necessary technology and institutional capacity to support climate modeling and downscaling
- Understanding of the user’s needs and the potential uses of climate change projections
- Knowledge and experience sharing of climate change adaptation
- Assessment of the impacts of climate change and contribution to the development of adaptation strategies

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**Methodology**

- Improve access to historical climate data; Rescuing data and converting these to workable formats
- Strengthen skills for applying climate science
- Bridge the gap between information producers and information users
- Create ‘platforms’ for collaborative action and information sharing
- Build on existing organizations and networks
- Develop records of ‘good’ adaptation

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*A train of four tropical cyclones has been captured in this true-color image made from observations collected by alternating passes of the Aqua and Terra satellites in the Southern Indian Ocean east of southern Africa, and Madagascar (left), in 11 February 2003. (Author: Jeff Schmaltz, MODIS Rapid Response Team, NASA/GSFC)*

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*Data to Wisdom (Clark D., 2004)*

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