



Providing knowledge on climate variability and change in African countries as the basis of a national adaptation strategy

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The Danish Meteorological Institute (DMI) is improving the knowledge of future climate problems through scientific cooperation with Zambia, Ghana and Tanzania.

Collaboration with Zambia on Climate Change

The Danish Meteorological Institute has established a twinning project with the Zambia Meteorological Department (ZMD) with a focus on enhancing ZMD's competence in the fields of climate variability and change in Zambia.

By strengthening ZMD's capacity in climate monitoring and modelling as well as in the production and dissemination of weather and climate products, ZMD will be better prepared for providing weather and climate related information and services to the public as well as governmental and non-governmental stakeholders.

The project, which covers the period 2009-2012, was initiated by the Royal Danish Embassy in Lusaka, Zambia.

This project is one of a number of similar initiatives, both ongoing and concluded, with the main goal of providing developing countries with the best possible knowledge on future climate change and its impacts.

Other related projects in Africa

Ghana

From 1997 to 2004 DMI collaborated with Ghana's Meteorological Services Department (MSD) on water resource information systems. The aim of the project was to rehabilitate hydrological and other meteorological information.

Tanzania

From 2009 to 2014 DMI will collaborate with the Sokoine University of Agriculture (SUA), The University of Dar Es Salaam (UDSM) and Tanzania Meteorological Agency (TMA) on the availability of water resources for agriculture under future climate conditions and to simulate the future rate of the ice cap on Mt. Kilimanjaro.