



## **Climate data management in the meteorological service of Zambia: Experience from SASSCAL**

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The Southern African Science Service Centre for Climate Change and Adaptive Land Management (SASSCAL, [www.sasscal.org](http://www.sasscal.org)) is a joint initiative of Angola, Botswana, Namibia, South Africa, Zambia, and Germany in response to the challenges of global change which mission is “to strengthen the regional capacity to generate and provide scientific knowledge products and services for decision making for improved livelihood of society”. In order to achieve that goal, SASSCAL supports a number of research and capacity building activities in different fields, such as water, biodiversity, forestry, agriculture and climate.

As part of the climate field, the SASSCAL initiative supports activities aimed to increase the availability and density of climate data in the region. On the one hand, SASSCAL has built-up an Automatic Weather Station Network with over 140 stations which data are available on-line ([www.weathernet.org](http://www.weathernet.org)). On the other hand, the initiative supports the national meteorological services (NMSs) to improve the management of their climate data.

In this context, Germany’s national meteorological service (Deutscher Wetterdienst, DWD) cooperates with the NMSs of Angola, Botswana and Zambia to implement a Climate Data Management System (CDMS) so that the climate data can be stored and extracted in a secure and user-friendly manner. Besides that, the cooperation focuses also on re-organizing the on-paper archives to preserve historical data, digitizing these data, and carrying out capacity building activities in data rescue and climate data management.

The presentation will give an overview of the status of this cooperation with special focus on the results obtained from the collaboration between the Zambian Meteorological Department (ZMD, Ministry of Transport and Communications) and the DWD in climate data management issues.