



Improving climate information for climate-resilient decision-making in Tanzania

New study to improve quality and utility of climate and impacts projections

UMFULA (which means ‘river’ in Zulu) stands for “*Uncertainty reduction in models for understanding development applications*” which is part of a major research programme called Future Climate For Africa. It is an international collaborative project that will run until 2019. UMFULA is generating new insights and more reliable information about climate change and extreme weather events in central and southern Africa. UMFULA research will focus on impacts of climate on water and agriculture in Tanzania, particularly the Rufiji River Basin. The project is a collaboration between seven African Institutes, including Sokoine University of Agriculture and five UK universities, including the London School of Economics and Political Science.

Climate extremes have a profound impact on the economies and livelihoods in the region, with extremes of high rainfall and drought leading to major losses of life and assets, sufficient to be evident in national GDP accounts. With rapid development and increasing use of water resources and demand for food, it is important that planning and new infrastructure is designed to operate effectively under changing climate conditions. The availability of high-quality climate information is essential for effective climate risk management and adaptation. It could provide a vital input to many social and financial decisions, including disaster preparedness. UMFULA aims to develop flexible methods for integrating improved climate information and tools in decision-making about water, energy and agriculture to improve medium- to long-term (5–40 year) decision-making, policies, planning and investment by African institutions.

A one day inception workshop was held in Iringa at the Rufiji Basin Water Board Office on 6th April 2016. The workshop introduced the project’s aims and discussed some of the methods and approaches that will be developed during the project.

For further information, please contact:

Ms Estelle Rouhaud, project manager (e.rouhaud@lse.ac.uk) or Professor Declan Conway, principal investigator (d.conway@lse.ac.uk);

Professor Japhet J. Kashaigili (SUA, in Tanzania) (jkashaigili@gmail.com)

or visit <http://futureclimateafrica.org/project/umfula/>