

UMFULA intends to generate higher quality, more useful information about the future climate and its impacts, and to make climate information more tailored and accessible to planners. Building on visits in April and July 2016, Dr. Joanna Pardoe returned to Tanzania in October 2016 to learn more about climate change influences on the challenges of managing competing demands on water resource management and where climate information may support these activities within the current institutional framework.

RECENT ACTIVITIES

1. Interviews to understand the competing demands on water resources at the national and local level in the face of an increasingly variable climate
2. Survey to develop an in depth understanding of the workplace challenges that limit effective service delivery in national and local agencies and identifying opportunities to overcome these barriers
3. Identification of key climate information metrics to help tailor the climate information generation work
4. New briefing note on Tanzania's weather and climate information for decision-making: <http://bit.ly/2kjI1Xv>

PLANNED ACTIVITIES

1. Undertake country mission in February 2017 to identify the need for climate information to inform national planning decisions
2. Summarise climate scenarios for Tanzania/Rufiji Basin
3. Develop future climate change information briefs for Tanzania to present changes in temperature and precipitation based on climate model results from a suite of models
4. Preparation for workshop in March/April 2017 to share progress and gain insights for next phase of work
5. Optimise the hydrological simulation of the Upper Great Ruaha, Kilombero and Luwegu sub-catchments to study the impact of climate change on various investment decisions at a more localised scale than has previously been possible

ON-GOING CLIMATE SCIENCE

1. New guide available on climate models: what they show us and how they can be used in planning: <http://bit.ly/2iDBBiT>
2. Major FCFA report and website on Africa's climate: <http://2016report.futureclimateafrica.org/>
3. Investigating factors that affect rainfall variability and temperature in southern Africa (such as the Congo basin and large scale global air flow patterns)
4. Determining how well climate models simulate key factors that affect southern African climate to find out which global models are most robust for the region

Team Tanzania



Prof Declan Conway - London School of Economics and Political Science



Prof Japhet Kashaigili - Sokoine University of Agriculture



Prof Julien Harou - Manchester University



Dr Joanna Pardoe - London School of Economics and Political Science



Dr Christian Siderius - London School of Economics and Political Science



Robel Geressu - University of Manchester

