



Co-development of national climate services – learning from working together

Jane Strachan, Chris Hewitt, and Joe Daron
Met Office, Exeter, United Kingdom (jane.strachan@metoffice.gov.uk)

The UK Met Office is very active in developing and delivering weather and climate services, using capability built upon a strong foundation of world class weather and climate science. Leading by example, we use our experience to help co-design and co-develop other countries' national climate science and service capability, this is particularly important in developing and emerging countries. During this presentation we will showcase this challenging and rewarding journey, drawing upon the UK Met Office's experience in cooperative development of climate services with developing country national meteorological and hydrological services (NMHSs). Examples including working with the Tanzania Meteorological Agency (TMA), with the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) funded by the UK's Department for International Development (DFID), and with Meteo Burkina (the national meteorological service for Burkina Faso) via the BRACED project (Building Resilience and Adaptation to Climate Extremes and Disaster). Our methodology is guided by the principles outlined in the Global Framework for Climate Services (GFCS). Aligning with the GFCS emphasises the importance of institutional capacity development and focuses on prioritising service development in the climate sensitive sectors of water, health, energy, disaster risk reduction (DRR), and agriculture and food security. We will summarise the lessons that we have learned alongside suggestions for good practice approaches for assisting in effective national climate service development, drawing on examples from various projects that the Met Office have been involved in. We will also describe upcoming projects and activities in developing countries where we will be working on climate service development.