

Substantial gains to sustainable poverty reduction can be achieved in Africa through improved predictions of climate variability and change. This needs (among other things) improved understanding and modelling of African climate and its drivers. A new £3.2 m African Climate Science Research Partnership (CSRP) between the Department for International Development (DFID) of the UK Government and the Met Office Hadley Centre (MOHC) is working, in consultation with African stakeholders, to advance the scientific understanding and bring new science into use.

Consultation with African National Meteorological Services, regional centres and other organisations is underway to determine the stakeholder prediction requirements (e.g. variables, downscaling, timeliness). Results will guide the direction of research, which will be centred on the new MOHC climate model (HadGEM3). Specific work areas are summarised below.

The African climate science community will be engaged through study fellowships designed to further CSRP research aims and enhance professional development .

