Unlocking the Potential of Groundwater for the Poor (UPGro),

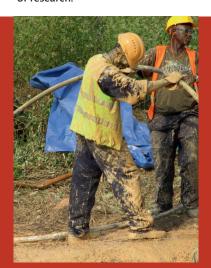
is a new seven-year international research programme which is jointly funded by UK's Department for International Development (DFID), Natural Environment Research Council (NERC) and the Economic and Social Research Council (ESRC).

It focuses on improving the evidence base around groundwater availability and management in Sub-Saharan Africa (SSA) to enable developing countries and partners in SSA to use groundwater in a sustainable way in order to benefit the poor.

UPGro projects are interdisciplinary, linking the social and natural sciences to address this challenge. They will be delivered through collaborative partnerships of the world's best researchers.

The programme's success will be measured by the way that its research generates new knowledge which can be used to benefit the poor in a sustainable manner.

We invite you to find out more and get involved in this exciting frontier of research.







Funded by:









UPGro Knowledge Broker:

Skat Foundation and Richard Carter & Associates In partnership with the **Rural Water Supply Network** Network



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A social and natural science approach to enabling sustainable use of groundwater for the benefit of the poor

upro.org



CATALYST STUDIES

2013-2014



Optimizing Road
Development for
Groundwater Recharge
and Retention

theme wr inf gov

Resource limitations to sustainability of groundwater well-points in basement complex regions of sub-Saharan Africa

wr

Towards groundwater security in coastal East Africa



Mapping groundwater quality degradation beneath growing rural towns in sub-Saharan Africa



Use of remote sensing and terrain modelling to identify suitable zones for manual drilling in Africa and support low cost water supply



Groundwater Risks and Institutional Responses for Poverty Reduction in Rural Africa



Groundwater recharge in Africa: identifying critical thresholds



IN-GROUND: Inexpensive monitoring of Groundwater pollution in Urban African Districts



Sustaining groundwater safety in peri-urban areas



Improving access to safe drinking water: prospection for low-fluoride sources



Assessing Risks of Investment in Groundwater Resources in Sub-Saharan Africa (ARIGA)



Adaptive management of groundwater resources for small-scale irrigation in sub-Saharan Africa (AMGRAF)



A hidden crisis?
Strengthening the
evidence base on the
sustainability of rural
groundwater services



BF Building understanding of climate variability into planning of groundwater supplies from low storage aquifers in Africa (BRAVE)



Groundwater Futures in Sub-Saharan Africa (GroFutures)



RESEARCH THEMES



agricultur



water governance &



mining



urban groundwater



climate change



infrastructure planning and performance



groundwater quality and pollution



water resources and aquifer properties





