

Invitation to launch event  
17 October at 5-6pm



# WHY IS THERE A HANDPUMP IN THE CAR PARK?

demo • seminar • discussion • reception



# About the Smart Handpump

Delivering reliable drinking water to millions of rural people in Africa and Asia is an elusive and enduring global goal. A systematic information deficit on the performance of and demand for infrastructure investments limits policy design and development outcomes.

Since 2010, the 'Smart Handpump' project has been exploring new technologies, methods and models to understand and respond to this challenge. A mobile-enabled data transmitter provides foundational data on hourly water usage and failure events which has enabled the establishment of performance-based maintenance companies in Kenya that are improving handpump reliability by an order of magnitude.

The research is a collaboration between the School of Geography and the Environment and the Department of Engineering Science with a range of partners including government, international bodies such as UNICEF and the private sector. New research involves modelling the accelerometry data from the handpumps to predict aquifer depth.

We invite you to test the Smart Handpump in the car park and debate how the 'accidental infrastructure' of rural handpumps can spark bolder initiatives to deliver water security for millions of poor people in Africa and Asia.

**17 October 2016 at 5-6pm**  
**Hertbertson Room and the Car Park**

School of Geography and the Environment, South Parks Road, Oxford, OX1 3QY

