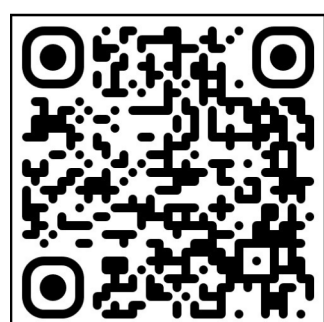


Enhance capacity & knowledge of researchers, knowledge brokers, policy makers and practitioners to apply behavioural science for adaptation and water security



New conceptualisation
of the role for
behavioural science in
inclusive adaptation



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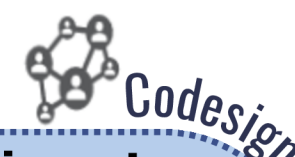
UNU-INWEH Online practitioners
courses hosted on the Water Learning
Centre @ <https://lc.unu.edu/>



Students trained on
behavioural science for
adaptation



Behavioural science for
water security training
and seminar series



Understanding the potential for behavioural science to
enhance climate resilience and inclusion

Research Questions

1. What individual and structural determinants influence sustained engagement of community water 'champions/Mashahidi/relays', and how can these be targeted to enhance adaptation outcomes?
2. How do you enhance uptake of community produced water-climate information by national authorities from basin authorities for adaptation planning?
3. What behavioural levers could be used to influence a) the response of local officials to communities' water security and adaptation needs, and b) the accountability of national level decision makers to water and climate related policies?
4. How can uptake and use of climate information be enhanced at community level?
5. What determines adoption of adaptation behaviours by community members, and what behavioural levers might influence these?
6. How can organisational adaptation to climate change be enhanced in development NGOs in the water sector of the Global South?

Method: Discover the problem, define the core challenge, develop, test and deliver solutions



Applied and inclusive adaptation action



Case studies

Understanding and leveraging community behaviours around irrigation practices and innovation in irrigation technologies, in Kondo and Mbuguni, with Nelson Mandela African Institute of Science and Technology, to enhance climate-resilience in agriculture and health through groundwater resource management

RQ4 RQ5

Specifying and targeting the barriers and enablers to diverse behaviours behind damaging watershed practices around Lake Basotu, Manyara region, with WaterAid Tanzania, to improve water safety for local communities and greater water security and a healthier environment

Tackling barriers to the long-term sustained engagement and retention of water 'champions' (volunteers) in Sangara, Babati District, to support them to better conduct education, advocacy and monitoring on water security and climate resilience practices within their communities, in order to strengthen locally-led community climate resilience and water security

RQ1



Strengthening the long-term sustained engagement of community members and 'relais' volunteers with community-based sustainable water resilience programming in Boromo and Koupela, with WaterAid Burkina Faso, to better monitor local water and climate indicators for enhanced community-level planning and water resource allocation and to bring locally monitored data into higher-level monitoring systems

RQ1

RQ4

Facilitating perspectives and behaviours that underpin the integration of basin-level water and climate information into national-level climate information services, with WaterAid Burkina Faso, to strengthen climate information provision and robustness to provide better climate, weather and early warning information across Burkina Faso

RQ2

Identifying and tackling behavioural barriers to budgetary allocation, proactive planning, and cross-ministry coordination for flood and drought preparedness within national and local-level institutions and Ministries in Malawi and Tanzania, with Water Witness International and Shahidi wa Maji, to unlock deeper political action and accountability on national water security and climate resilience

RQ3

Determining barriers to the long-term sustained engagement of community 'mashahidi' (volunteers) to enhance community water security leadership and grassroots advocacy in Tanzania and Malawi, with Water Witness International, Shahidi wa Maji, and University of Malawi, to build local resilience and hold authorities to account in providing water services and climate change preparedness

RQ1 RQ4



Enhancing climate resilience through organisational
changes within WaterAid International

RQ6



Cross-cutting: identifying pathways to enhance gender, equity and inclusion
within water security and climate adaptation through behavioural science

