

# Kiribati

## Adaptation to Climate Change

### Community based water management planning

This project will address community priorities as identified through National Adaptation Plans of Actions, as well as community level vulnerability and adaptation assessments, with a focus on improving water resources capacity in selected outer island communities of Kiribati.

Communities would be trained to manage water catchments and better understand the vulnerabilities they are facing from climate variability and change and non-climate related risks.



### Clean water for healthy people

Storm surges and tidal fluctuations cause salt water intrusion and heavy rainfall creates runoff that flows into unprotected wells. Improved management will reduce the impact of these risks.

The drawing of water using common techniques in Kiribati often creates muddy and wet ground conditions around the wells. Water from these wet grounds may then contaminate the well water resulting in the spread of water borne diseases. Community level training conducted under the project will also assist to counter these health related issues.



### Improving water supply through ecosystem based adaptation

A development of a community based adaptation plan, for up to two pilot communities, will focus on the water sector and incorporate an ecosystem based adaptation approach.

This could include a range of options, including both the improvement of accessing ground water resources, rainwater harvesting systems (including roof and storage capacity) and water conservation strategies. These interventions will be designed to have additional benefits of helping to address health issues and other water related problems particularly among very young and old people in Kiribati and with a consideration for gender specific needs.



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