



# Pacific climate change adaptation for water, sanitation and hygiene

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## Research question

How can Pacific Islands Countries build more resilient communities through climate change adaptation for water, sanitation and hygiene?



## How we explored the research question...

Key informant interviews  
with policy actors

Conceptual modelling  
with communities

Household surveys

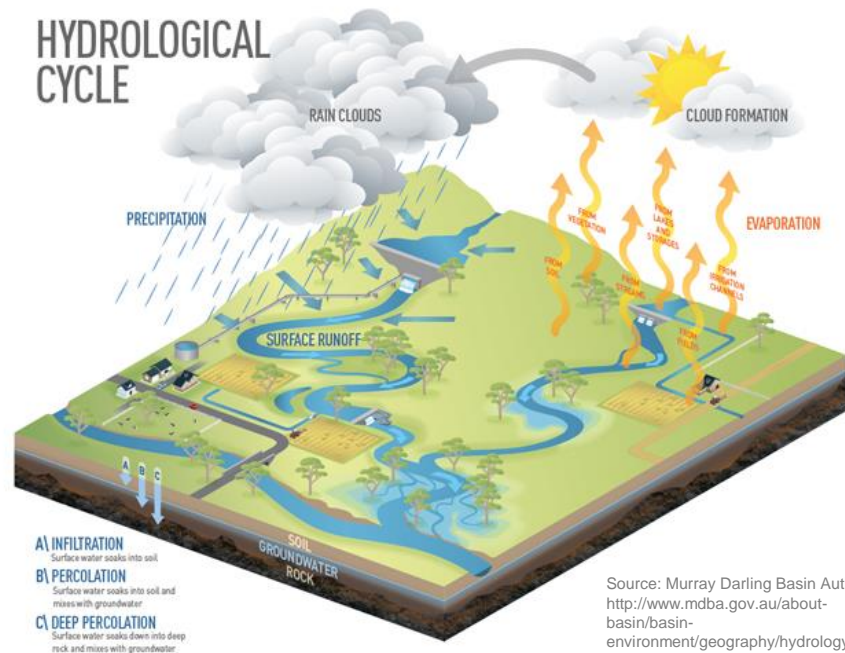
Small group discussions  
with women and men



## What we found...

### Putting WASH in the Water Cycle

A holistic, systems understanding of WASH interventions, based on the principles of Integrated Water Resource Management (IWRM), to incorporate past, present and future challenges, including climate change scenarios.



Source: Murray Darling Basin Authority  
<http://www.mdba.gov.au/about-basin/basin-environment/geography/hydrology>

## What next?



- Publications
- Framework for climate change adaptation for WASH in Pacific Island Countries
- Policy briefs with recommendations for implementing actors
- Household and community level analyses
- Predictive tools for decision-making

Visit our website at:

<http://www.watercentre.org/portfolio/wash-and-climate-change-adaptation-in-the-pacific>

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**Advisors:** Prof. Jamie Bartram (University of North Carolina); Dr. Wolfgang Gernjak (University of Queensland); Prof. Bill Aalbersberg (University of South Pacific)

## References:

Hadwen, W., Powell, B., MacDonald, M.C., Elliott, M., Chan, T., Gernjak, W. and Aalbersberg, W.G.L. (2015) "Putting WASH in the Water Cycle" *Journal of Water Sanitation and Hygiene for Development*, 5(2):183–191.

