

Bonriki Inundation Vulnerability Assessment (BIVA)

Written by Molly Powers-Tora

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Bonriki is the largest of many islets in the Pacific atoll of Tarawa, the capital of the Republic of Kiribati. Because of the islet's size and geology, it is the location of Tarawa's only international airport as well as the underground reservoir that supplies South Tarawa with the majority of its fresh water. Both of these critical infrastructural resources are potentially threatened by the predicted sea level rise in the region associated with climate change.

The Australian-funded **Bonriki Inundation Vulnerability Assessment (BIVA)** will provide the Kiribati government and development partners with a better understanding of the short and long term risks as well as a strategy for protecting these resources. The project has been supported by the

[Pacific-Australia Climate Change Science and Adaptation Planning Program \(PACCSAPP\)](#)

and will develop a 3D model of the island's freshwater lens.

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For more information, contact the
[Bonriki Inundation Vulnerability Assessment Team](#)