

144° 45'

144° 50'

144° 55'



This map is part of a collection from the **DIGITAL ATLAS OF NORTHERN GUAM**
www.hydroguam.net

Created by:



**Water and Environmental Research
Institute of the Western Pacific**
www.weriguam.org



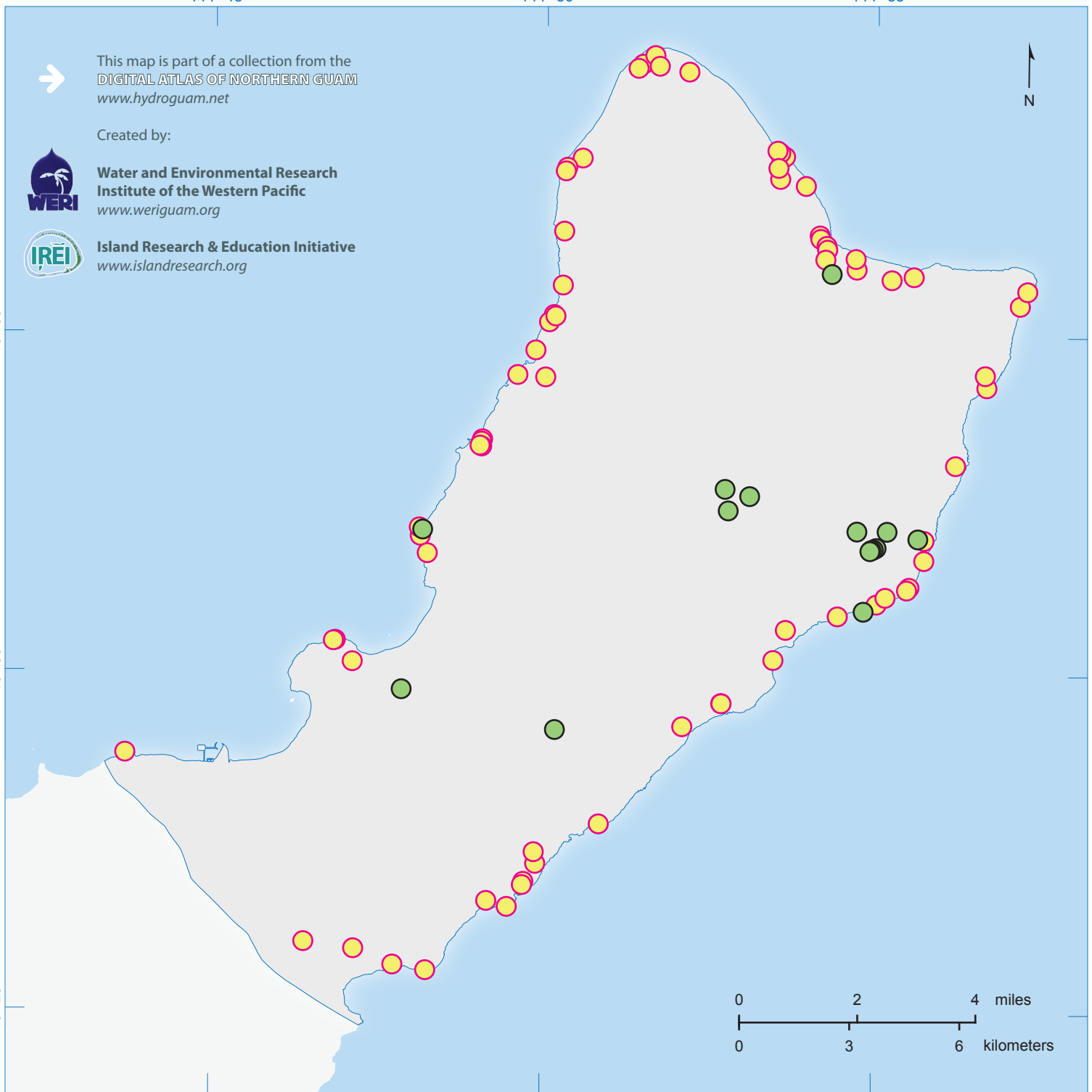
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13° 35'

13° 30'

13° 25'



Caves (fundamental types and approximate locations)

-  Vadose caves
-  Phreatic caves

This map shows the approximate locations of caves in northern Guam and distinguishes between two main genetic types: vadose caves (created by dissolution above the water table) and phreatic caves (created by dissolution under saturated conditions). The geospatial data are based on Taboroši, D. (2002), Karst features of Guam [MSc thesis], University of Guam, Mangilao, 324 pp. The indicated locations of caves are approximate. Caves were originally identified in the field and their approximate locations were subsequently noted on topographic maps. Due to most cave entrances being in remote locations under thick canopy or bases of tall cliffs, GPS units were not utilized at the time of fieldwork. The points labeled on maps were later digitized into a series of GIS shapefiles, which were compiled, projected where necessary, and compared to create the master-file used for this map.



Cartography and design by Danko Taboroši and Maria Kottermaier, 2013.



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Work funded under award NA11NOS4190115 from the National Oceanic and Atmospheric Administration (NOAA), office of Ocean and Coastal Resource Management and the Guam Coastal Management Program, Bureau of Statistics and Plans.



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