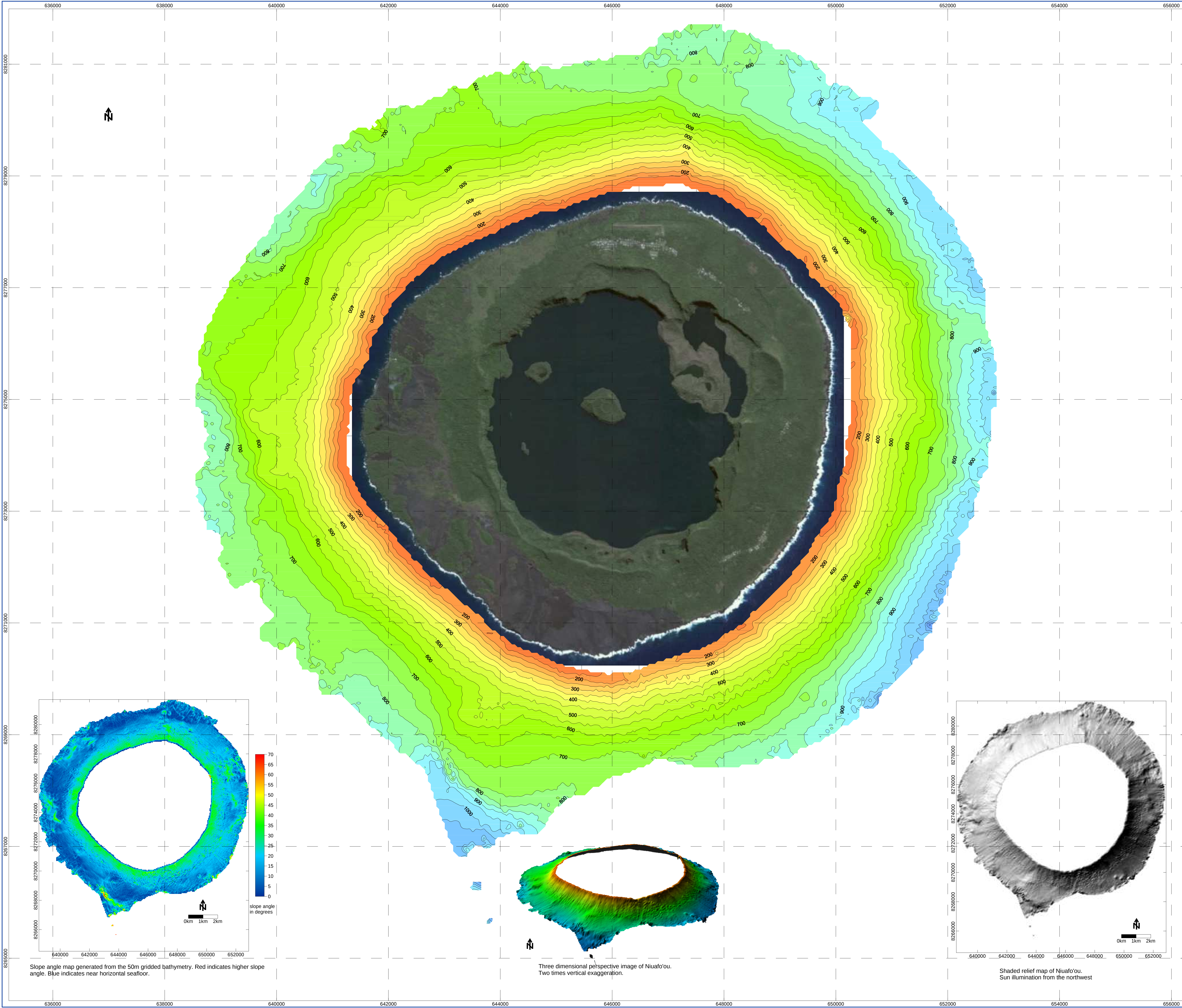




LEGEND

200 ——— Contours are shown at 50 metre intervals.

Colour Banding
Multibeam Bathymetry
Metres

100
200
300
400
500
600
700
800
900
1000
1100
1200

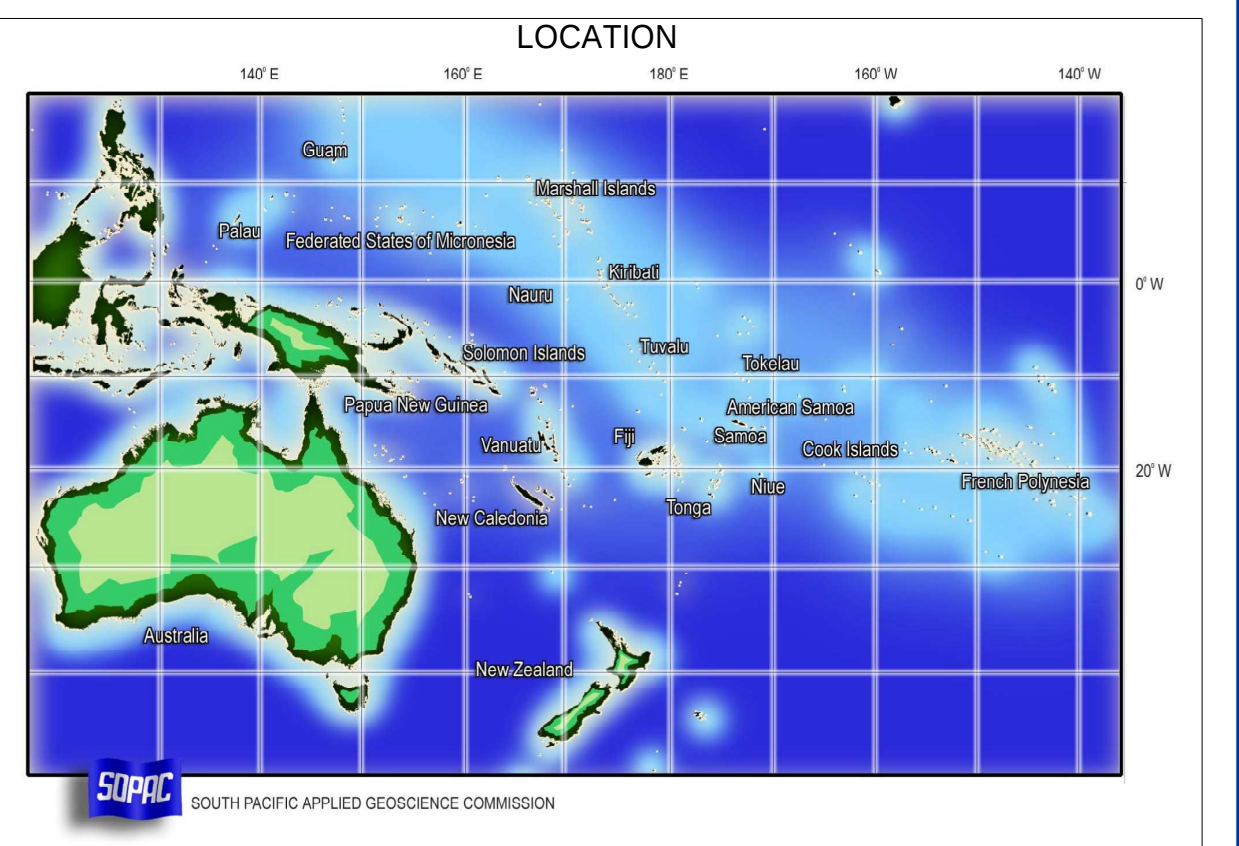
NOTES

Multibeam Bathymetry data by SOPAC/EU:

Date of Survey	January/February 2004
Acquisition system	Reson 8160 Multibeam Echosounder
Collection software	Hypack 4.3
Processing software	Hypack 4.3A
Data presentation	Surfer 8.03
Survey vessel	M/V Turagalevu

Observed soundings have not been reduced to a vertical datum.

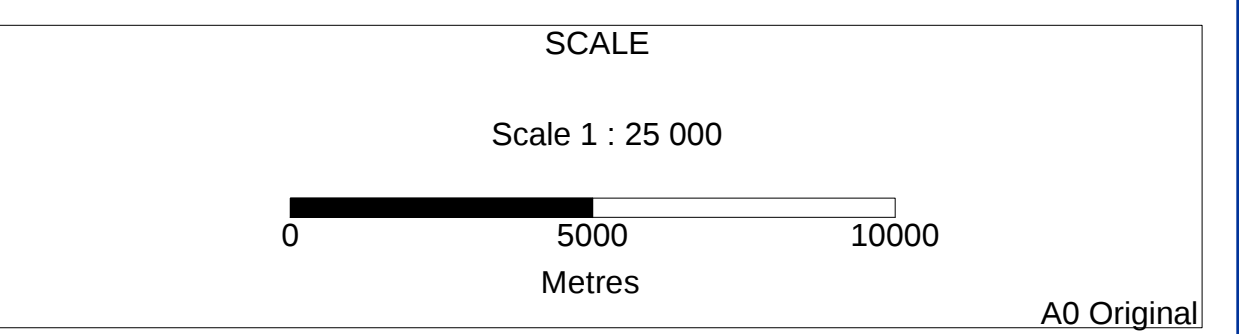
Background image is from the source Google Earth.
Position of Niuafu'ou Island was not verified by ground control survey and the image is for display purpose only.



GEODETTIC INFORMATION

Geodetic datum	WGS84
Ellipsoid	WGS84
Projection	UTM Zone 1 South
Horizontal positioning	Stand alone GPS

NOT TO BE USED FOR NAVIGATION



PROJECT TITLE

SOPAC

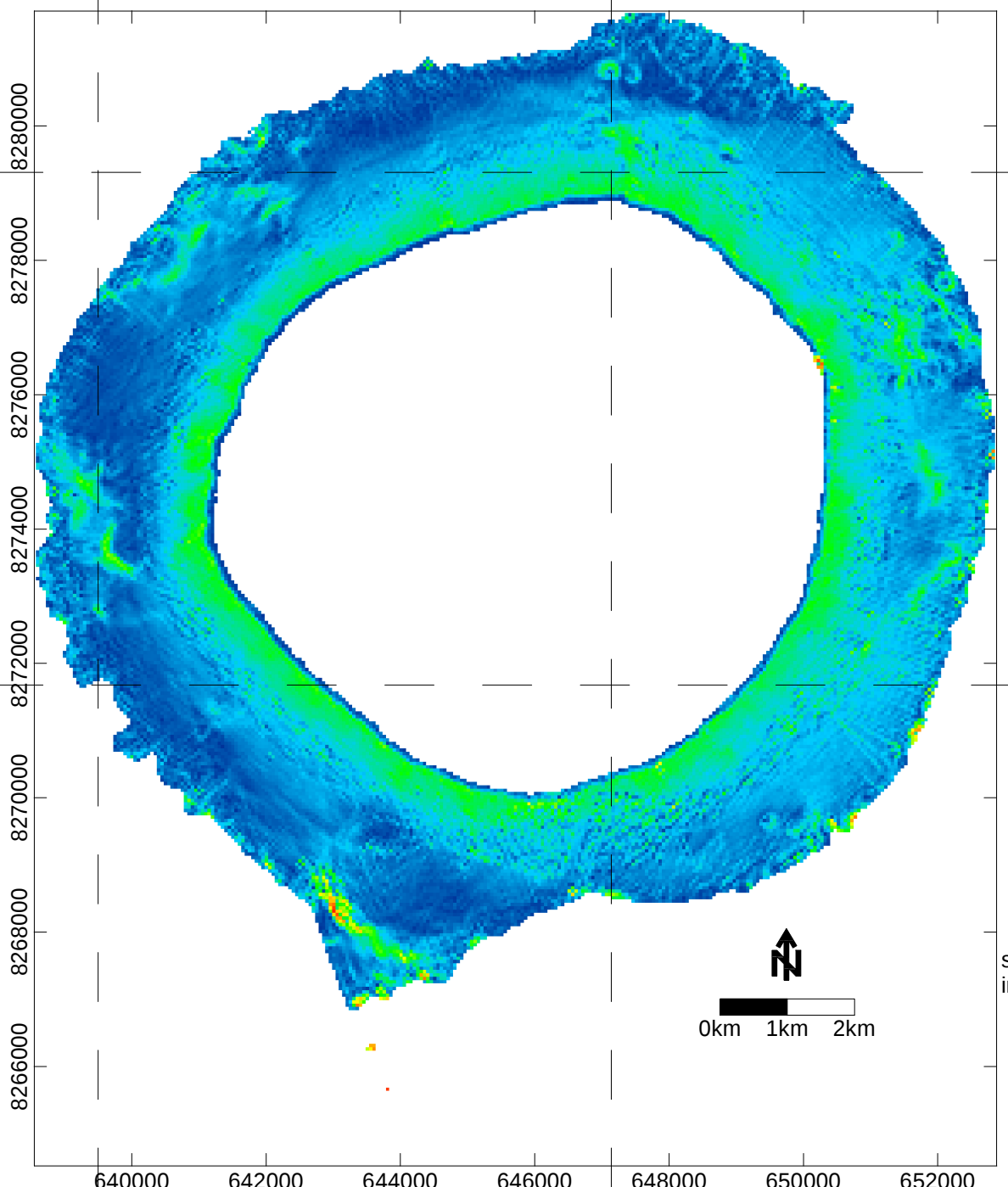
PACIFIC ISLANDS APPLIED GEOSCIENCE COMMISSION
Private Mail Bag, GPO, Suva, Fiji Islands
www.sopac.org

SOPAC/EU Project:
Reducing Vulnerability of Pacific ACP States

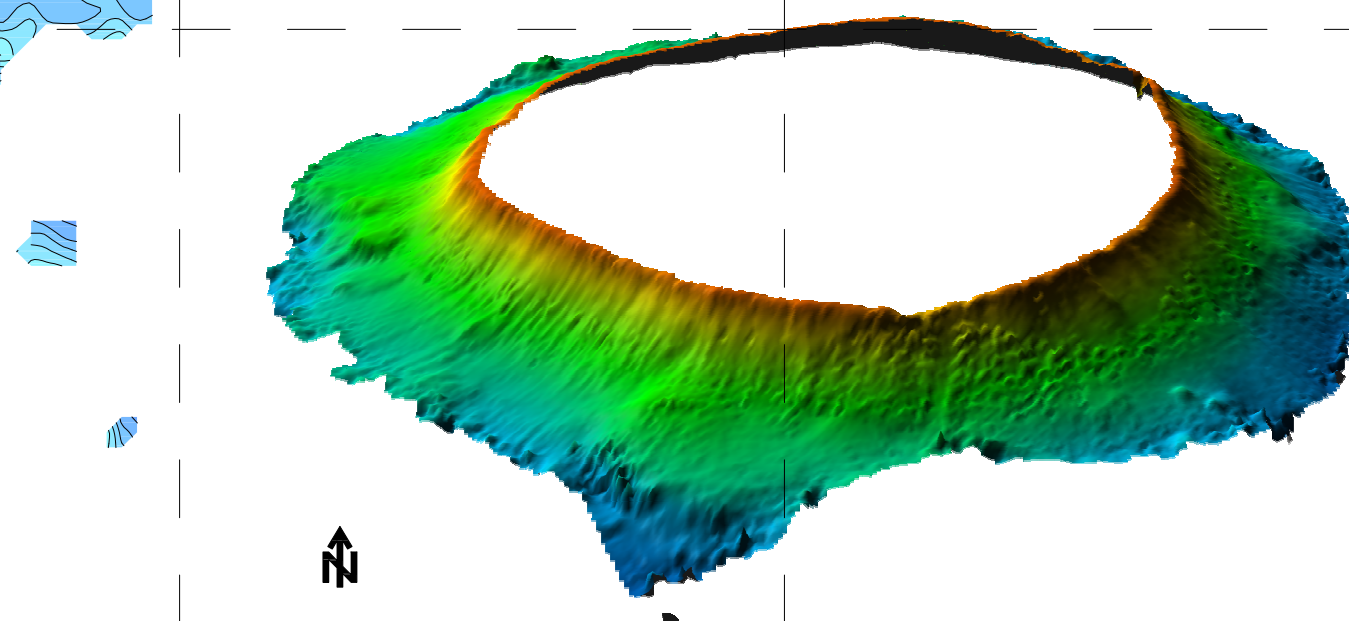
DRAWING TITLE

**TONGA
NIUAFU'OU
BATHYMETRY**

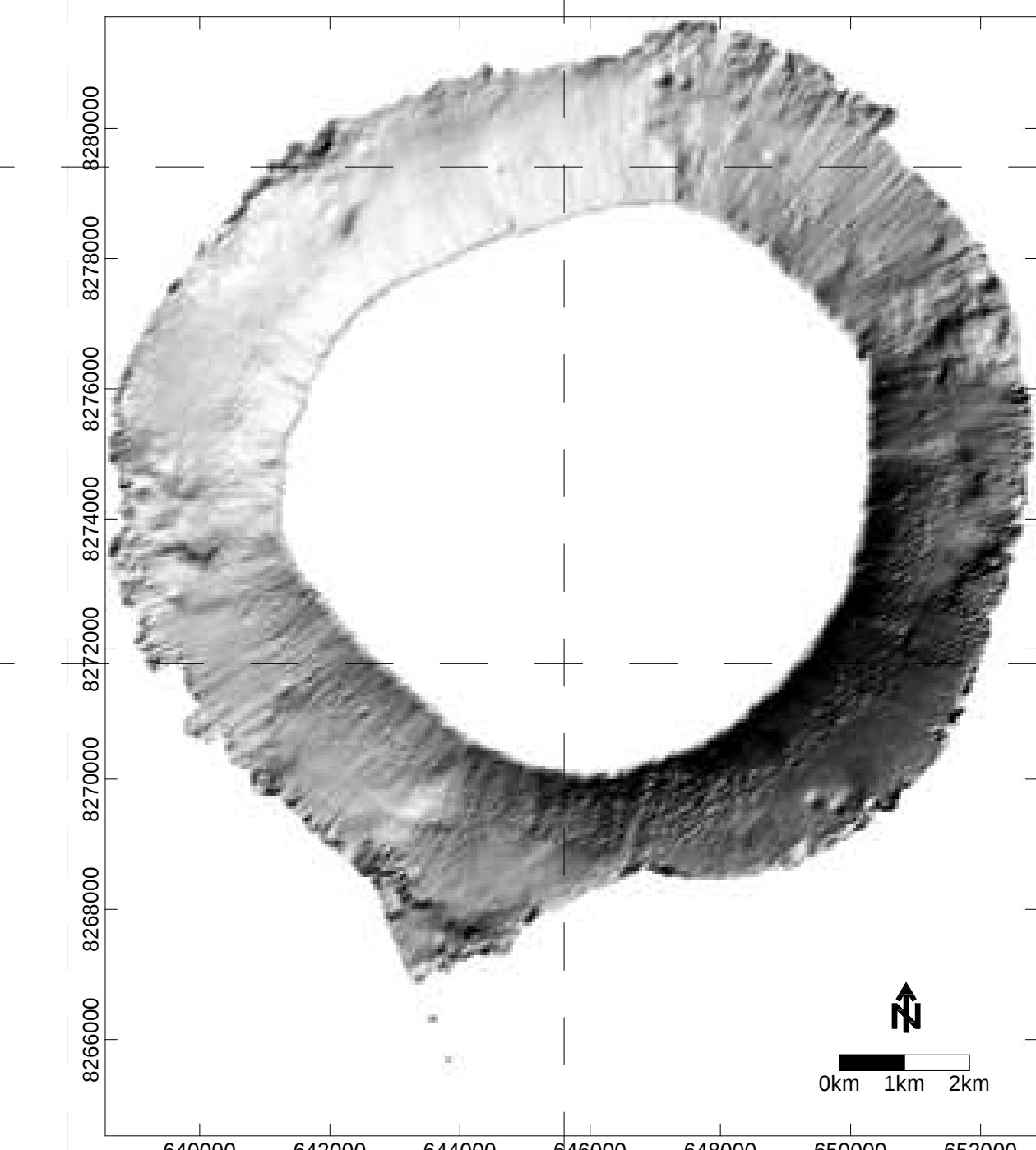
Drawn by: Jens Kruger and Ashishika Sharma.
Report Reference: ER111. Drawing No.: ER111.2



Slope angle map generated from the 50m gridded bathymetry. Red indicates higher slope angle. Blue indicates near horizontal seafloor.



Three dimensional perspective image of Niuafu'ou.
Two times vertical exaggeration.



Shaded relief map of Niuafu'ou.
Sun illumination from the northwest