

INTERNATIONAL HYDROGRAPHIC ORGANIZATION	INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)
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UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Note: The boxes will expand as you fill the form.

Name Proposed:	Roisersuul Peak	Ocean or Sea:	Philippine Sea
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Geometry that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
Yes						

* Geometry should be clearly distinguished when providing the coordinates below.

	Lat. (degrees, north)	Long. (degrees, east)
Coordinates:	13° 16' 01.003" N	134° 27' 17.604" E
	13° 16' 04.695" N	134° 27' 31.305" E
	13° 16' 08.704" N	134° 28' 00.000" E
	13° 15' 59.049" N	134° 28' 11.049" E
	13° 15' 37.784" N	134° 28' 13.784" E
	13° 15' 22.686" N	134° 28' 12.000" E
	13° 15' 04.371" N	134° 27' 43.629" E
	13° 14' 48.000" N	134° 27' 17.317" E
	13° 14' 34.891" N	134° 27' 00.000" E
	13° 14' 29.695" N	134° 26' 41.695" E
	13° 14' 34.381" N	134° 26' 34.381" E
	13° 14' 51.611" N	134° 26' 24.000" E
	13° 14' 49.932" N	134° 26' 13.932" E
	13° 15' 00.000" N	134° 26' 10.642" E
	13° 15' 15.618" N	134° 26' 20.382" E
	13° 15' 33.552" N	134° 26' 26.448" E
13° 15' 47.222" N	134° 26' 43.094" E	
13° 15' 54.450" N	134° 27' 00.000" E	
13° 16' 01.003" N	134° 27' 17.604" E	
Center Point:	13° 15' 24.638" N	134° 27' 19.856" E

Feature Description:	Maximum Depth :	2500 m	Steepness :	N/A
	Minimum Depth :	2053 m	Shape :	Oval Shape
	Total Relief :	447	Dimension/Size :	4 km x 2 km

Associated Features:	This feature is within the Kobayashi Basin and Ridge Province
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Chart/Map References:	Shown Named on Map/Chart:	None
	Shown Unnamed on Map/Chart:	None
	Within Area of Map/Chart:	None

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Roisersuul is the name of a mountain located in the state of Ngchesar on the island of Babeldaob.
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Discovery Facts:	Discovery Date:	May to June 2007
	Discoverer (Individual, Ship):	S/V Shoyo (HODJ)

Supporting Survey Data, including Track Controls:	Date of Survey:	May to June 2007, June 2007
	Survey Ship:	S/V Takuyo, S/V Shoyo (HODJ)
	Sounding Equipment:	Multibeam echo sounder Seabeam 2112
	Type of Navigation:	GPS without Selective Availability
	Estimated Horizontal Accuracy (nm):	0.014 nm (26 m)
	Survey Track Spacing:	6 nm
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	David K. Idip, Jr. and Takamatsu Emesiochel
	Date:	August 17, 2018
	E-mail:	davididip@gmail.com
	Organization and Address:	Territory and Boundary Task Force, Office of the President, Republic of Palau
	Concurrer (name, e-mail, organization and address):	

Remarks:	We used GMT and GeoMapApp software to visualize the bathymetric data. QGIS and ArcMap were the preferred GIS software.
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NOTE : This form should be forwarded, when completed :

- a) **If the undersea feature is located inside the external limit of the territorial sea :-**
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);
- b) **If at least 50 % of the undersea feature is located outside the external limits of the territorial sea :-**
to the IHB or to the IOC, at the following addresses :

International Hydrographic Bureau (IHB) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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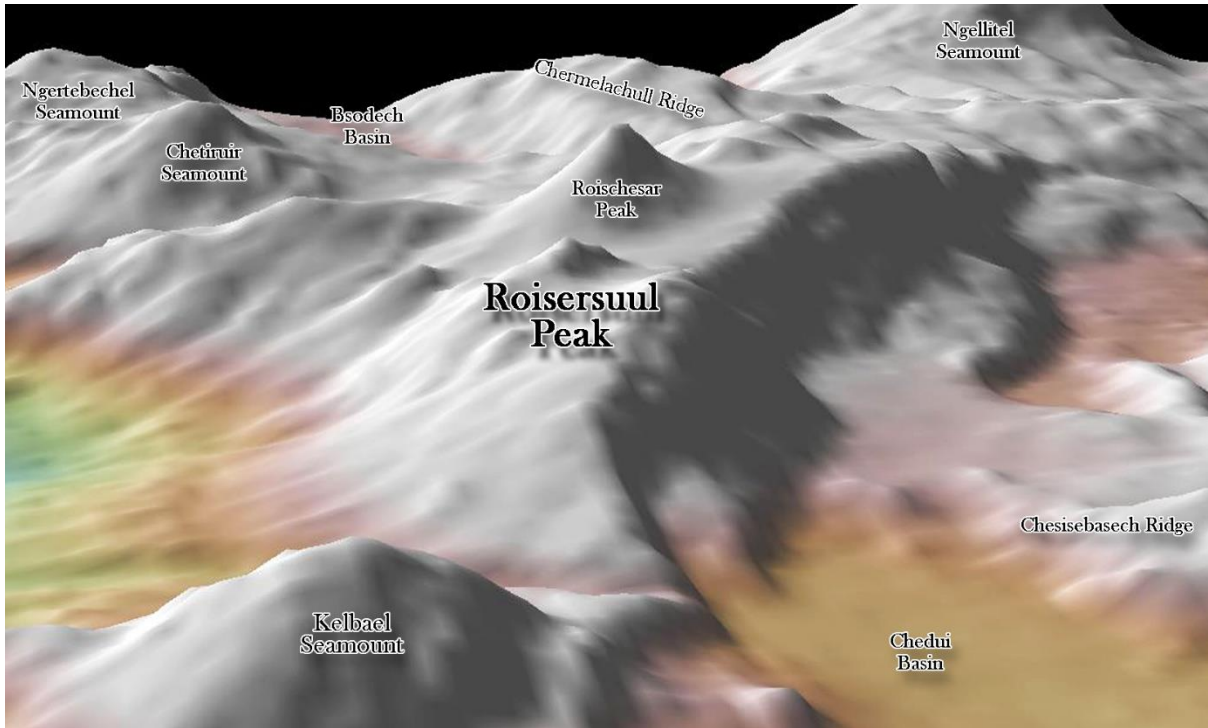


Fig. 1. Bathymetric 3D image of Roisersuul Peak and its vicinity.

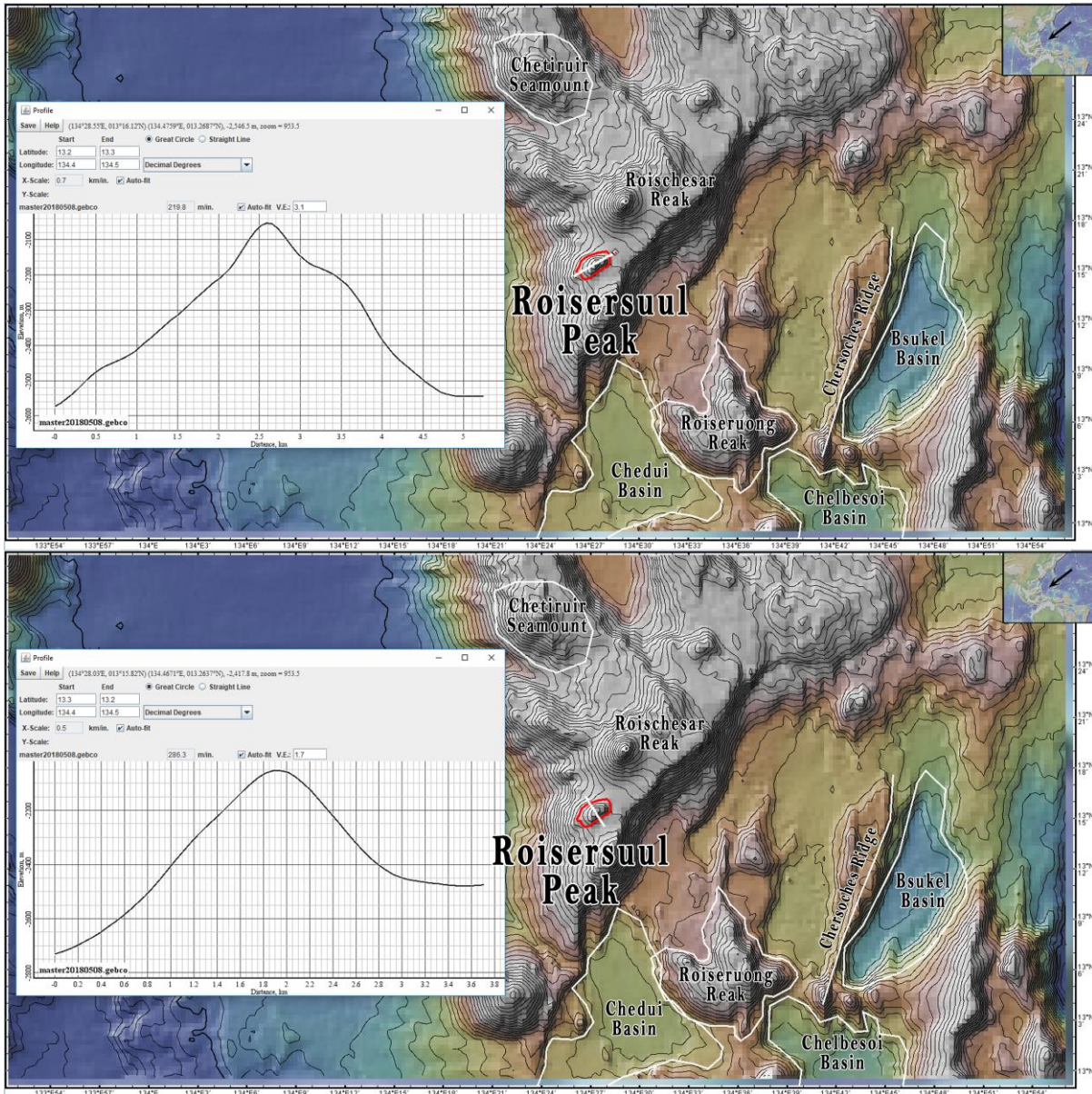


Fig. 2. Bathymetric profile across Roisersuul Peak. The point that defines the peak is also shown. Contours in 100 m intervals.

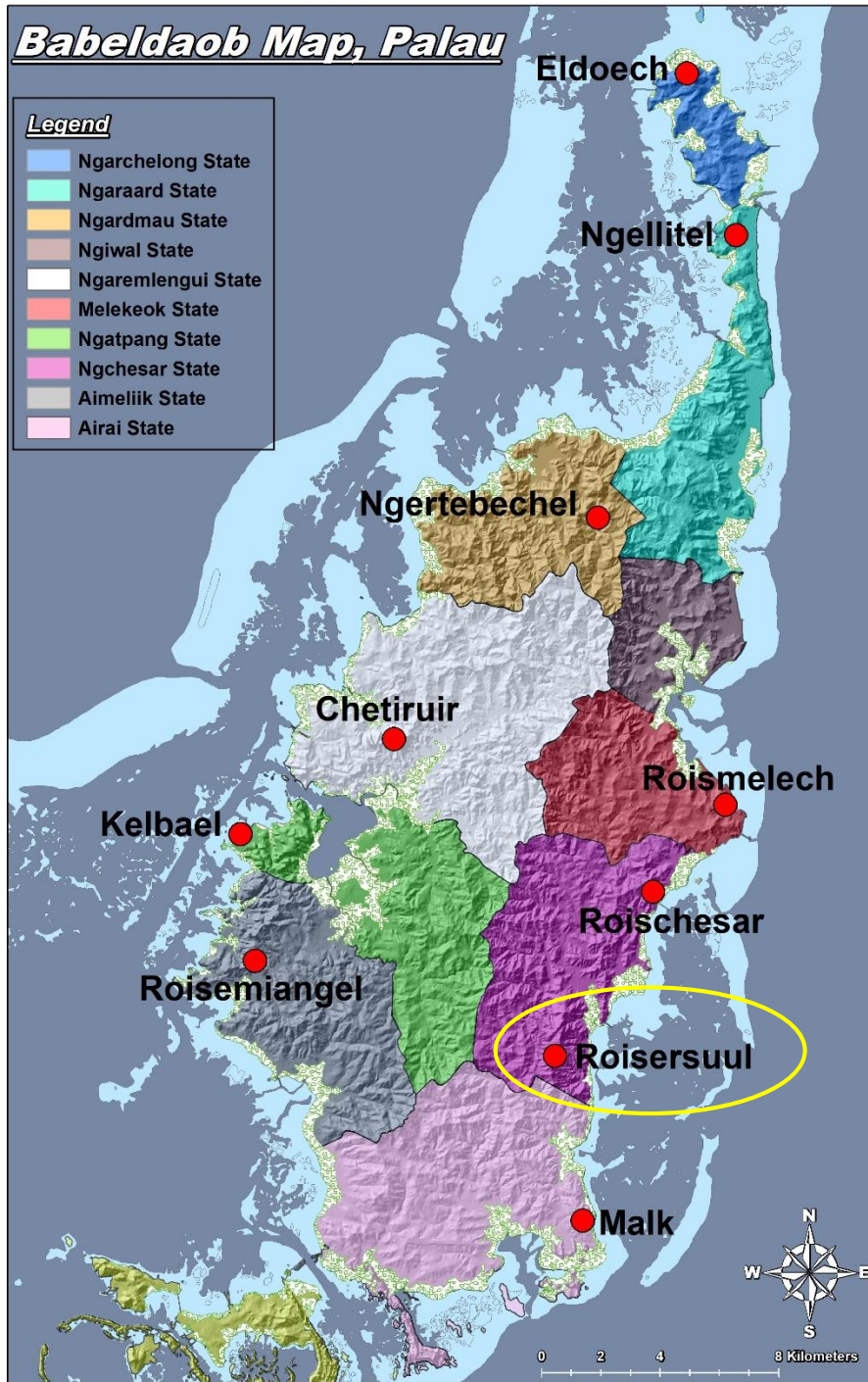


Fig 3. Location of Roisersuul Mounatin on the island of Babledaob