

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Danfu Hill	Ocean or Sea:	South Atlantic Ocean
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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. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	22 41.2' S (Summit)	12 59.3' W (Summit)
	22 46.5' S (Bottom)	13 04.0' W (Bottom)
	22 43.6' S	13 05.7' W
	22 39.4' S	13 06.2' W
	22 35.3' S	13 06.7' W
	22 34.6' S	13 05.1' W
	22 34.6' S	13 01.1' W
	22 37.4' S	12 58.6' W
	22 36.7' S	12 57.8' W
	22 34.2' S	12 57.4' W
	22 33.5' S	12 55.4' W
	22 34.0' S	12 53.7' W
	22 38.3' S	12 52.9' W
	22 42.8' S	12 52.0' W
	22 44.1' S	12 53.4' W
22 44.7' S	12 57.8' W	
22 46.5' S(Bottom)	13 04.0' W(Bottom)	

Feature Description:	Maximum Depth:	2950 m	Steepness :	
	Minimum Depth :	2150 m	Shape :	Irregular
	Total Relief :	800 m	Dimension/Size :	12 km×12 km

Associated Features:	Danfu Hill is located in the north of the Kaifeng Seamount, east of the Wenwang Seamount. Compared to Wenwang Seamount, it is closer to the central valley, which means that it was formed later than Wenwang Seamount.
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.12
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Danfu, was a wise leader of the Zhou tribe in ancient Chinese legend.
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Discovery Facts:	Discovery Date:	Nov.2017
	Discoverer (Individual, Ship):	Chinese R/V Xiangyanghong No. 01

Supporting Survey Data, including Track Controls:	Date of Survey:	Nov.2017
	Survey Ship:	Chinese R/V Xiangyanghong No. 01
	Sounding Equipment:	ELAC SeaBeam 3012
	Type of Navigation:	DGPS
	Estimated Horizontal Accuracy (nm):	≤0.08 nm
	Survey Track Spacing:	4 nm
	Supporting material can be submitted as Annex in analog or digital form. See Annex	

Proposer(s):	Name(s):	China Ocean Mineral Resources Research and Development Association (COMRA)
	Date:	Apr 08.2018
	E-mail:	comra@comra.org
	Organization and Address:	No.1 Fuxingmenwai Street, Xicheng District, Beijing
	Concurrer (name, e-mail, organization and address):	

Remarks:	This proposal has been reviewed and approved by China Subcommittee on Undersea Feature Names (CCUFN). No.1 Fuxingmenwai Street, Xicheng District, Beijing, China, 100860 heyunxu@sina.com
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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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ANNEX

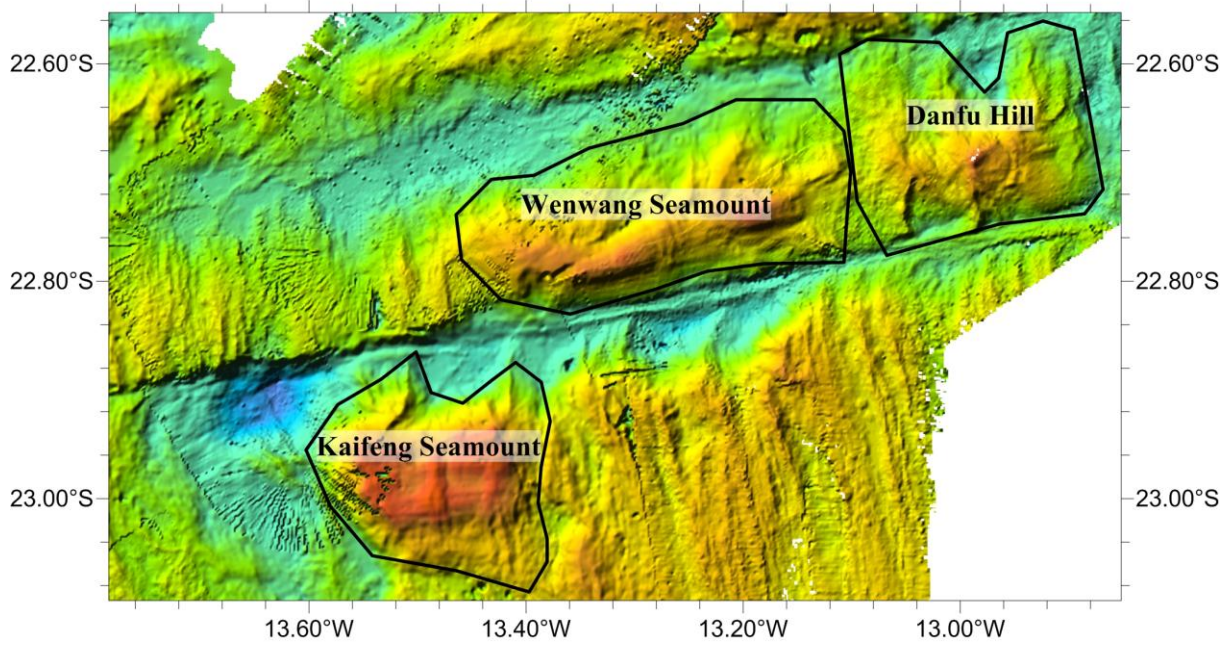
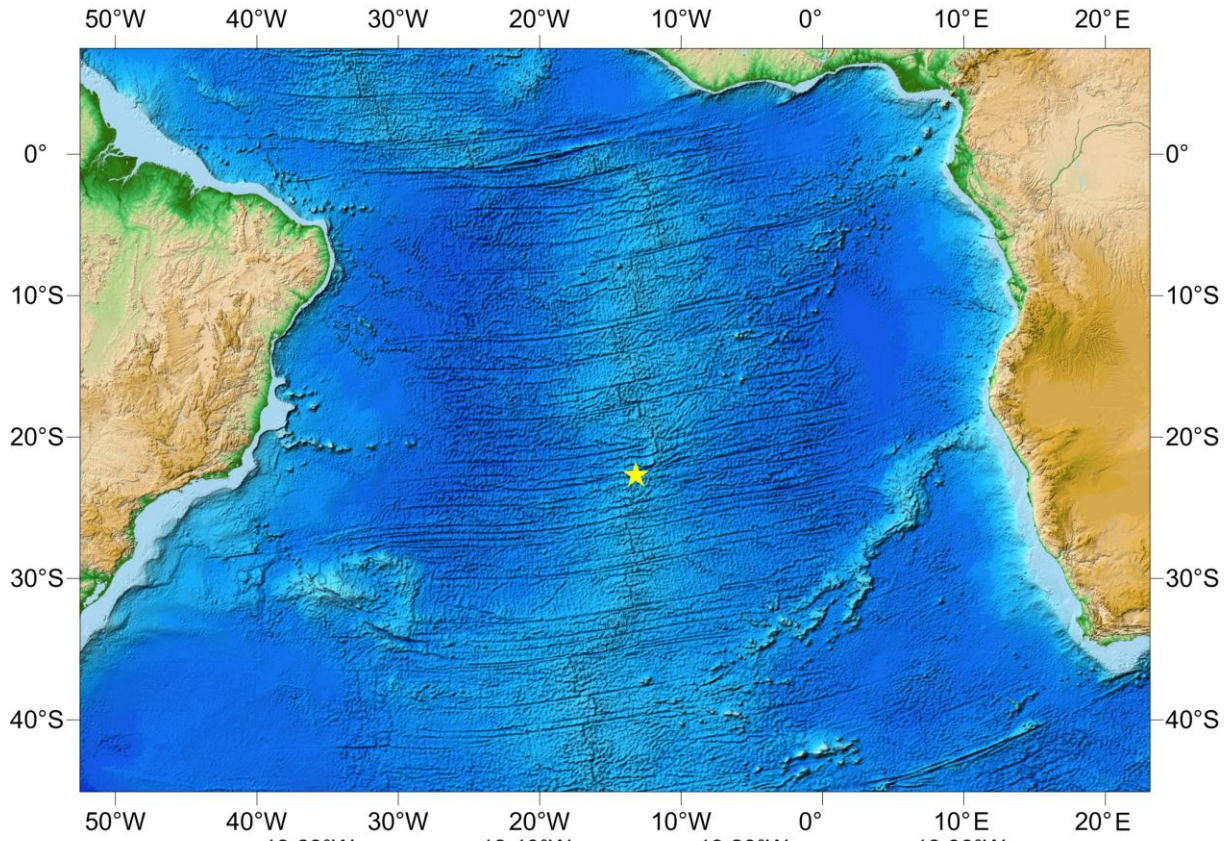


Fig. 1 Location of the Danfu Hill

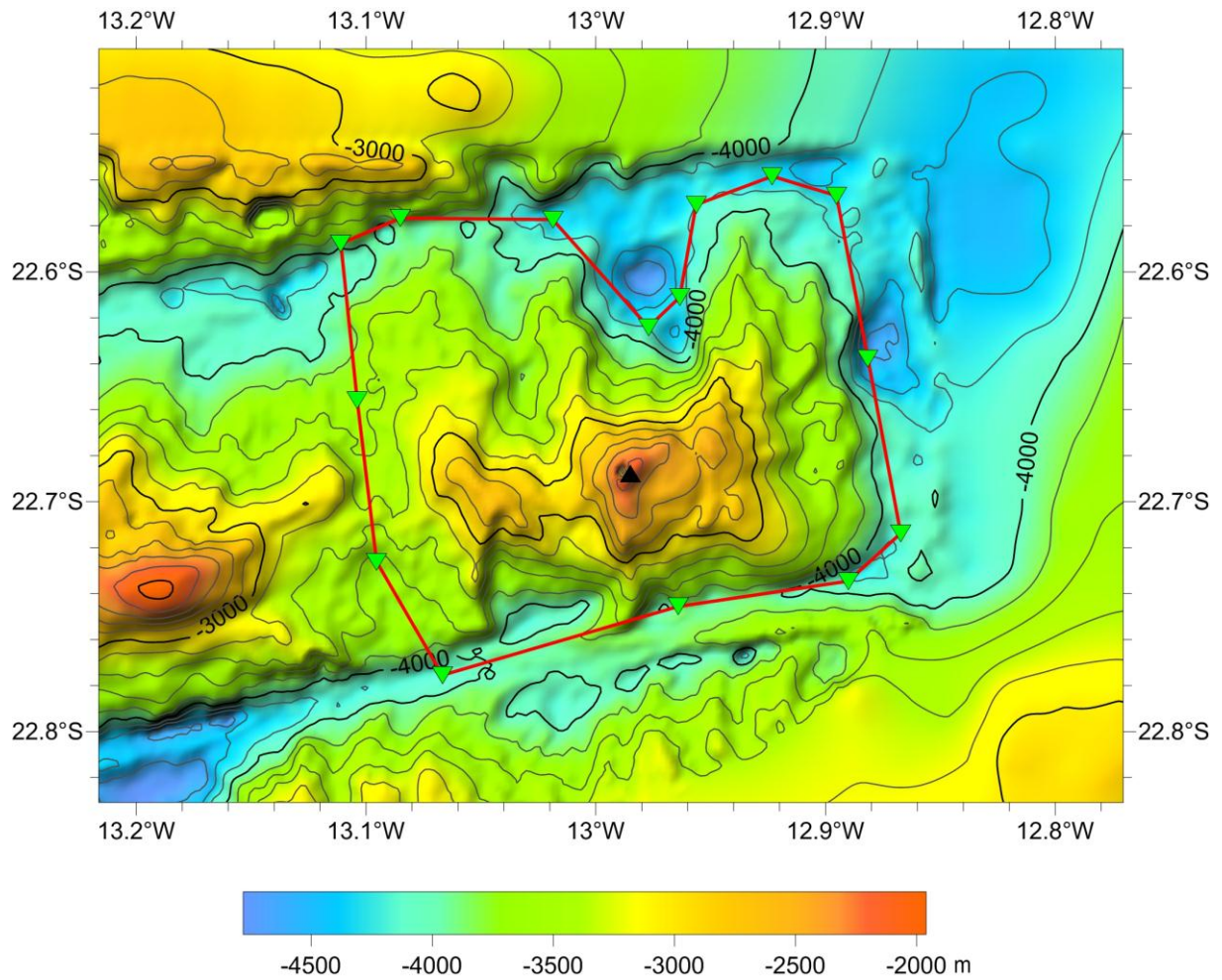


Fig. 2 Bathymetric map of the Danfu Hill (the contour interval is 200 m)

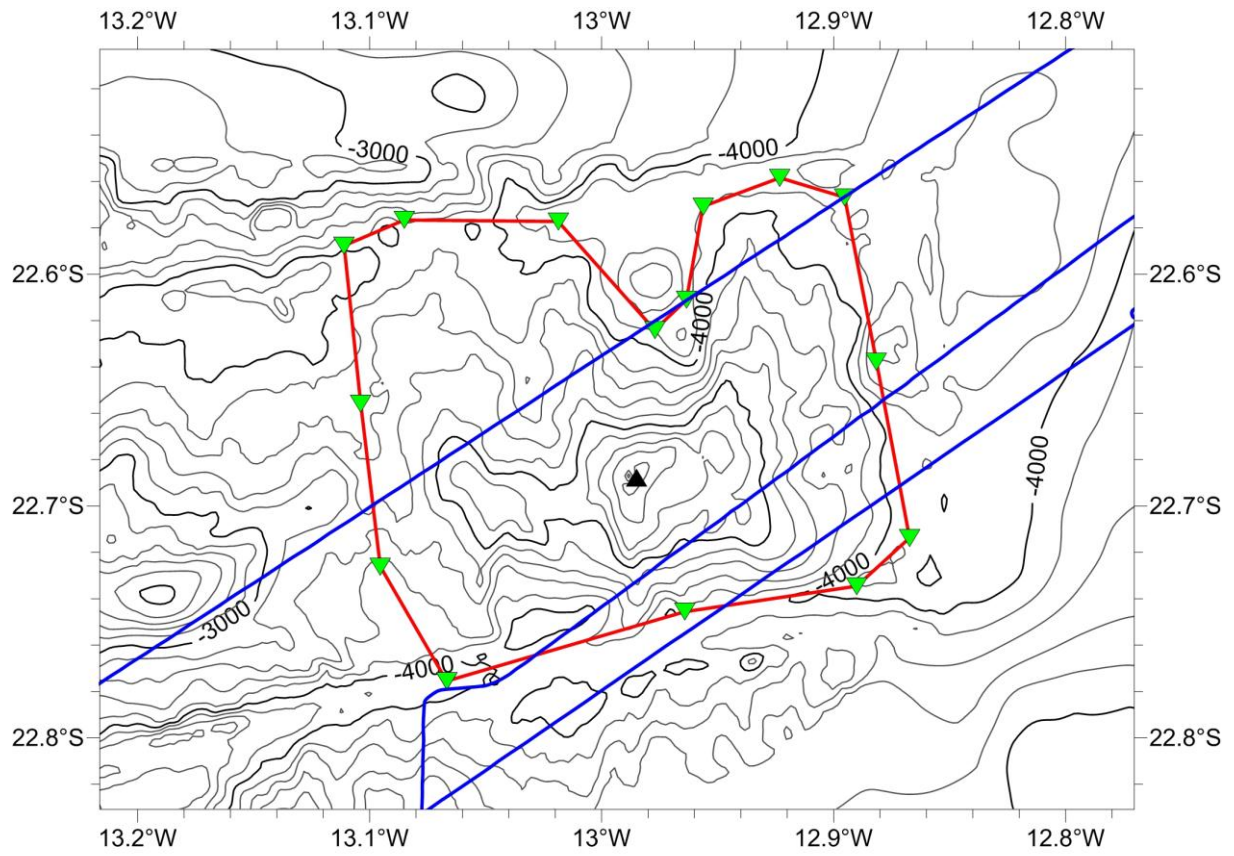


Fig. 3 Bathymetric and survey line map of the Danfu Hill (the contour interval is 200 m, blue ones are survey lines)

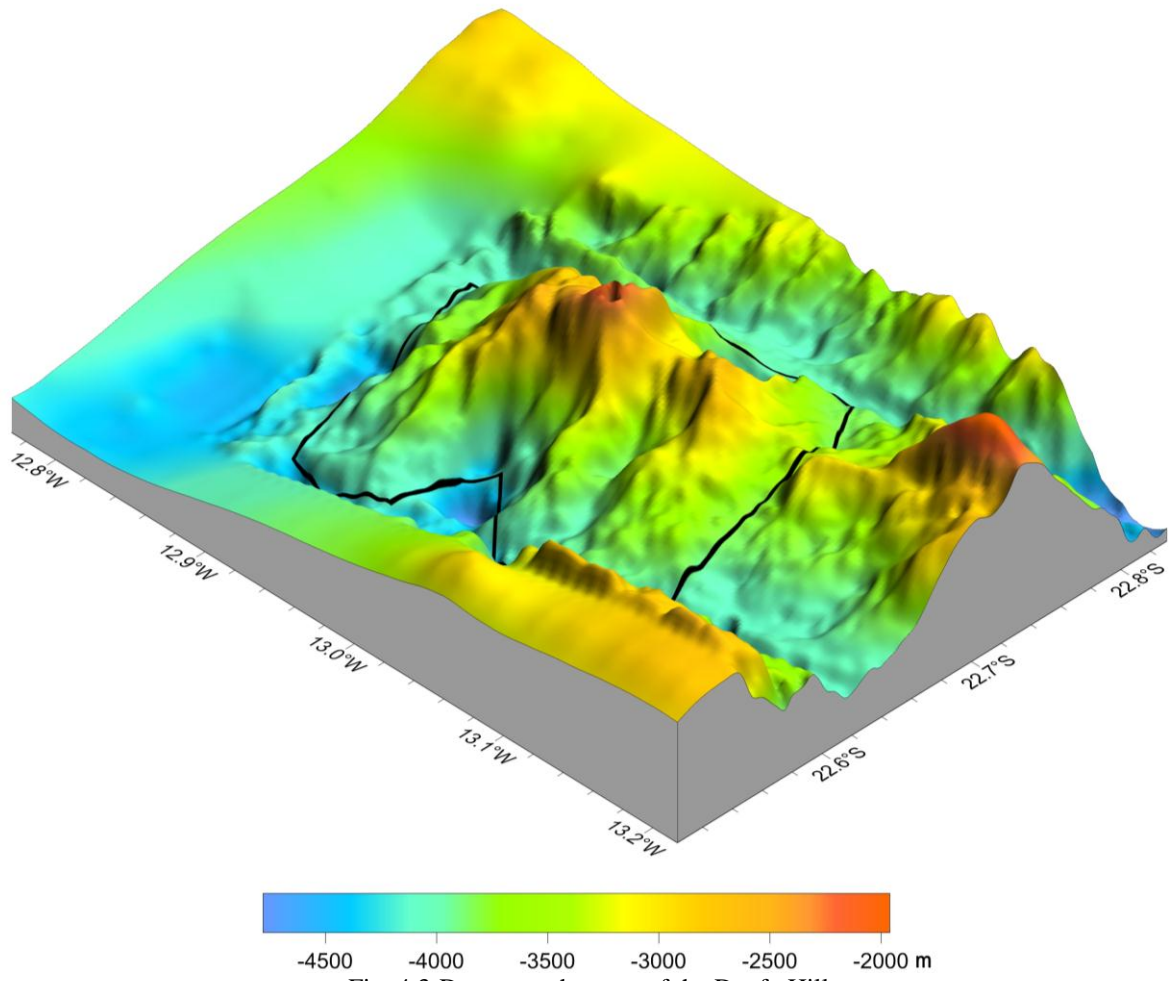


Fig. 4 3-D topography map of the Danfu Hill

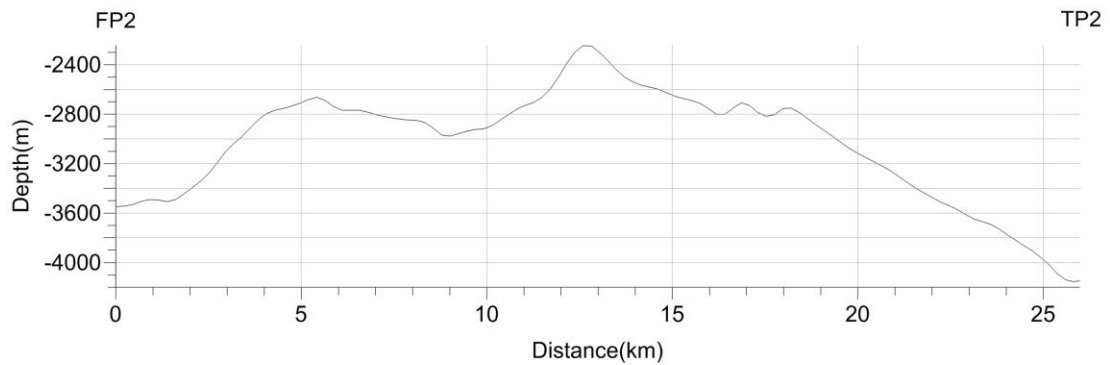
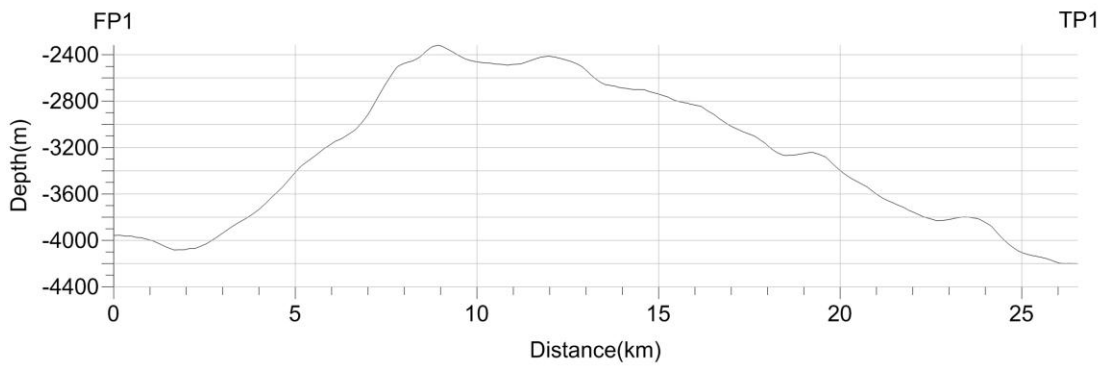
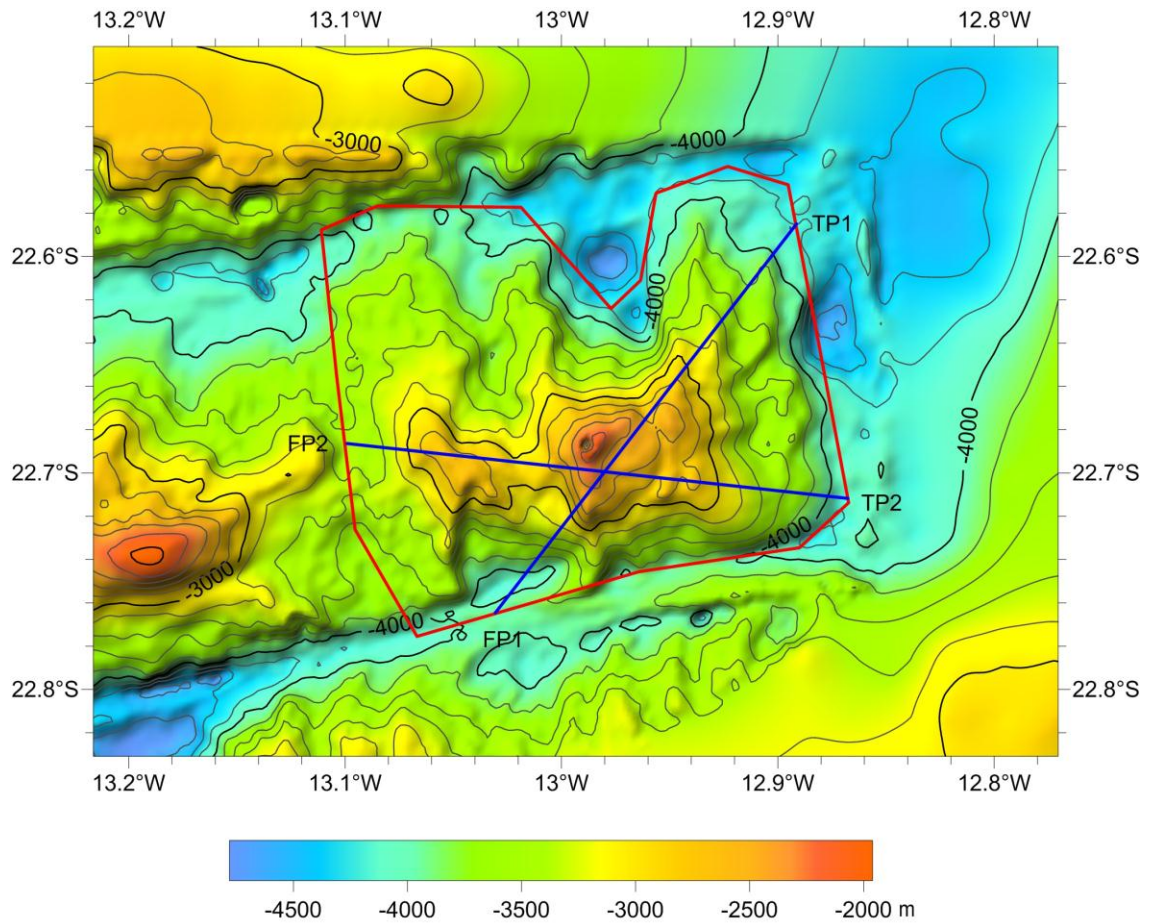


Fig. 5 Profile map of the Danfu Hill