

UNDERSEA FEATURE NAME PROPOSAL
(See IHO-IOC Publication B-6 and NOTE overleaf)

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

Name Proposed:	Daxi Hill	Ocean or Sea:	Northwest Indian Ocean
-----------------------	-----------	----------------------	------------------------

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:	06°48.1'N (TOP)	60°10.5'E(TOP)
	06°46.2'N(Bottom)	60°11.6'E(Bottom)
	06°46.7'N	60°11.1'E
	06°46.9'N	60°09.4'E
	06°48.0'N	60°08.9'E
	06°48.7'N	60°08.6'E
	06°50.0'N	60°08.9'E
	06°50.0'N	60°10.0'E
	06°49.1'N	60°10.7'E
	06°48.6'N	60°11.5'E
	06°47.9'N	60°12.2'E
	06°47.4'N	60°13.0'E
	06°46.8'N	60°13.2'E
	06°46.6'N	60°12.3'E
	06°46.2'N	60°11.6'E

Feature Description:	Maximum Depth:	4000 m	Steepness :	
	Minimum Depth :	3300 m	Shape :	
	Total Relief :	700 m	Dimension/Size :	10 km * 5 km

Associated Features:	Daxi Hill is located in the Northwest Indian Ocean and at 330km southeast to Keyi Seamount. This Hill belongs to new volcanic ridge and has an elongated shape.
-----------------------------	---

Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.05
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	An active hydrothermal field was found in this area during the 33 rd ocean cruise in 2015 of China and named "Daxi Hydrothermal Field". "Daxi Hill" was named after Daxi Hydrothermal Field right here.
--	--

Discovery Facts:	Discovery Date:	May, 2012
	Discoverer (Individual, Ship):	Chinese R/V Lisiguanghao

Supporting Survey Data, including	Date of Survey:	May, 2012
--	-----------------	-----------

Track Controls:	Survey Ship:	Chinese R/V Lisiguanghao
	Sounding Equipment:	Multi-beam Echo Sounding System (EM120)
	Type of Navigation:	DGPS
	Estimated Horizontal Accuracy (nm):	≤0.0054 nm
	Survey Track Spacing:	5 nm
	Supporting material can be submitted as Annex in analog or digital form: see Annex	

Proposer(s):	Name(s):	China Ocean Mineral Resources R&D Association (COMRA)
	Date:	July 1, 2017
	E-mail:	comra@comra.org
	Organization and Address:	Fuxingmenwai Street No.1, Xicheng District, Beijing, China
	Concurrer (name, e-mail, organization and address):	

Remarks:	The proposal has been reviewed and approved by Sub-Committee on Undersea Feature Names of China Committee on Geographical Names (CCUFN). No.1, Fuxingmenwai Street, Xicheng District, Beijing, China, 100860 heyunxu@sina.com
-----------------	---

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 Publication B-6) or, if this does not exist or is not known, either to the IHO 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 IHO or to the IOC, at the following addresses :

International Hydrographic Organization (IHO) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@iho.int Web: www.iho.int	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org Web: http://ioc-unesco.org/
---	--

ANNEX

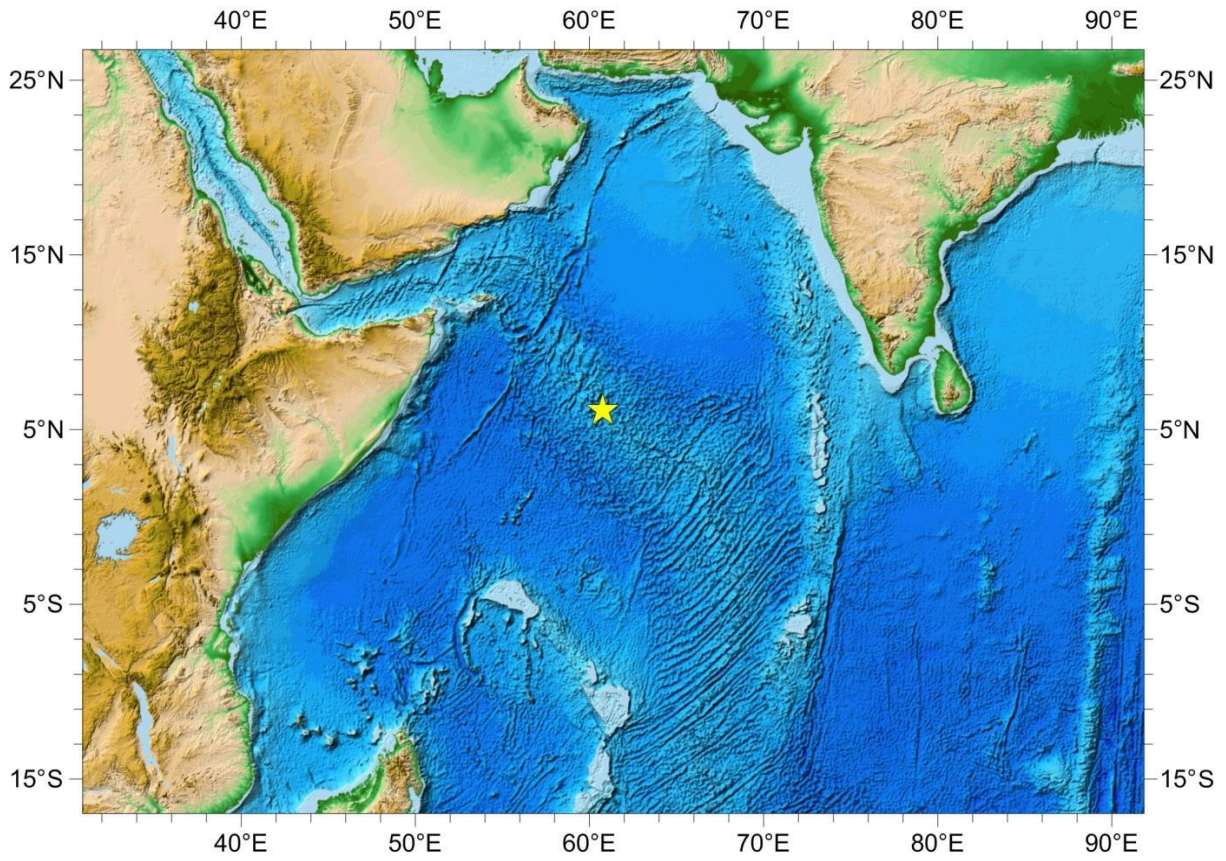


Fig. 1 Location of Daxi Hill

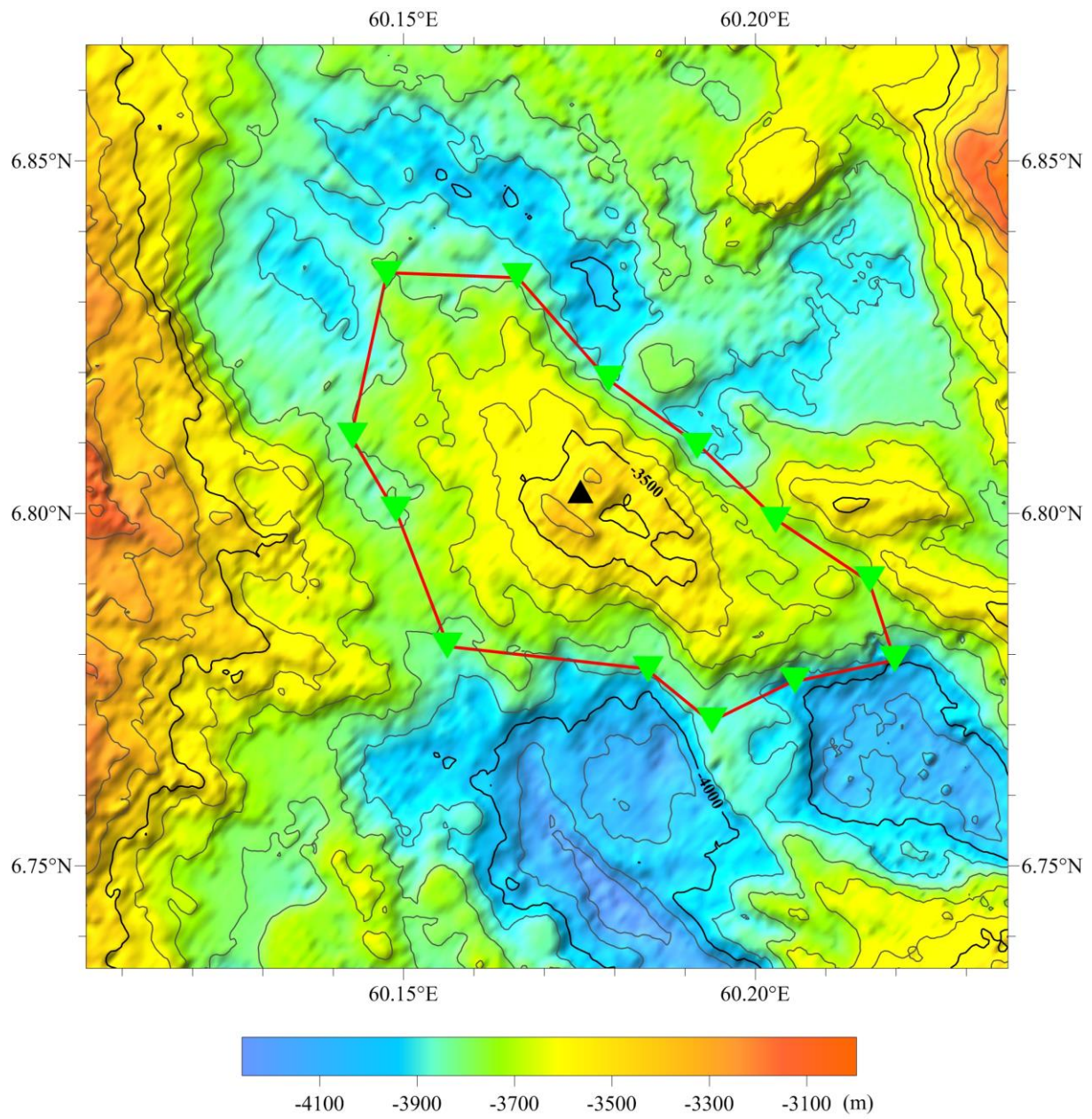


Fig. 2 Bathymetric map of Daxi Hill (Contours are in 100 m)

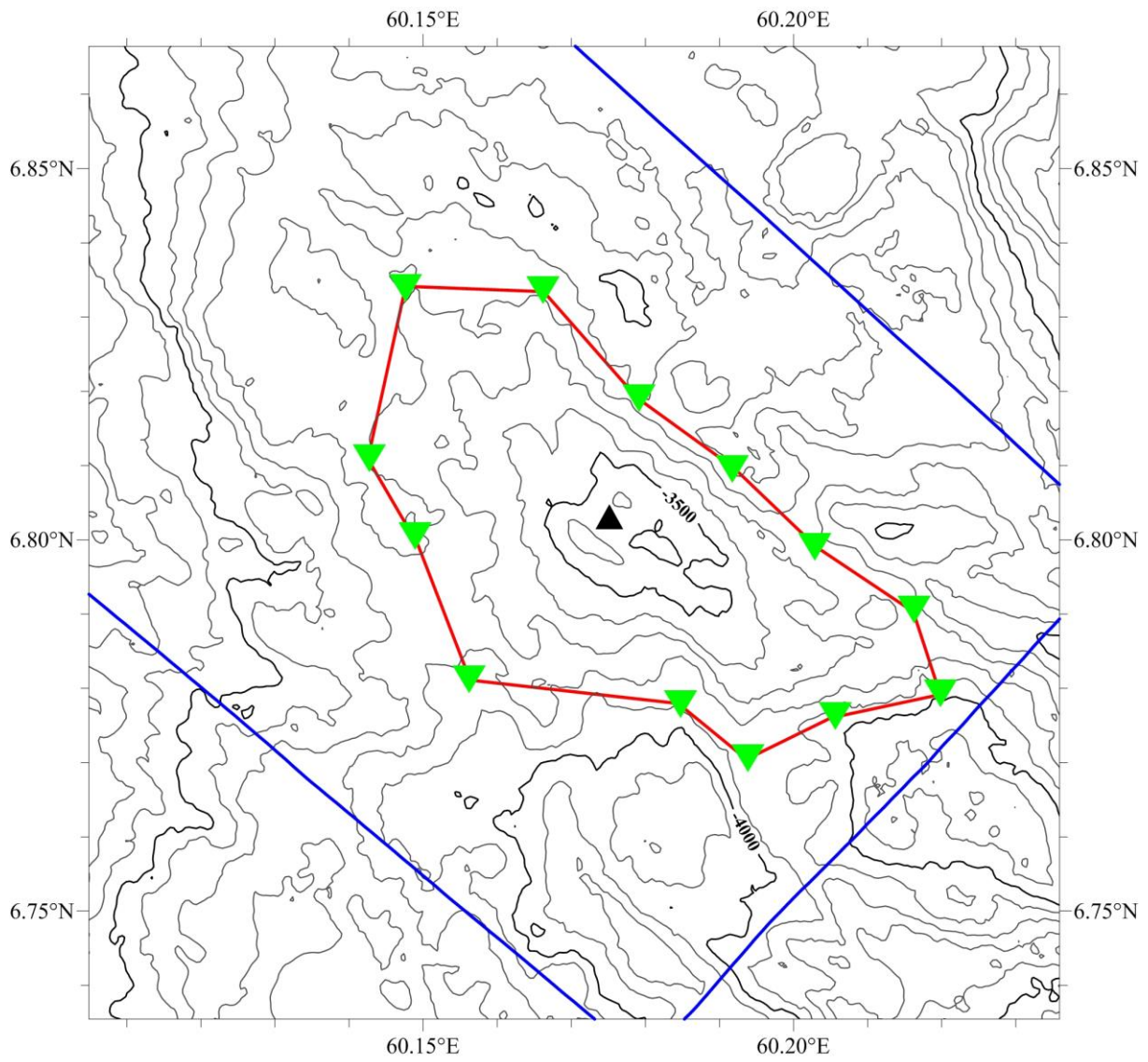


Fig. 3 Bathymetric and survey line map of Daxi Hill (Contours are in 100 m, blue ones are survey lines)

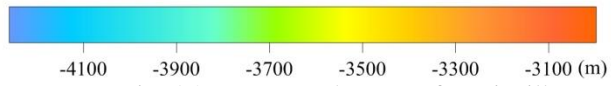
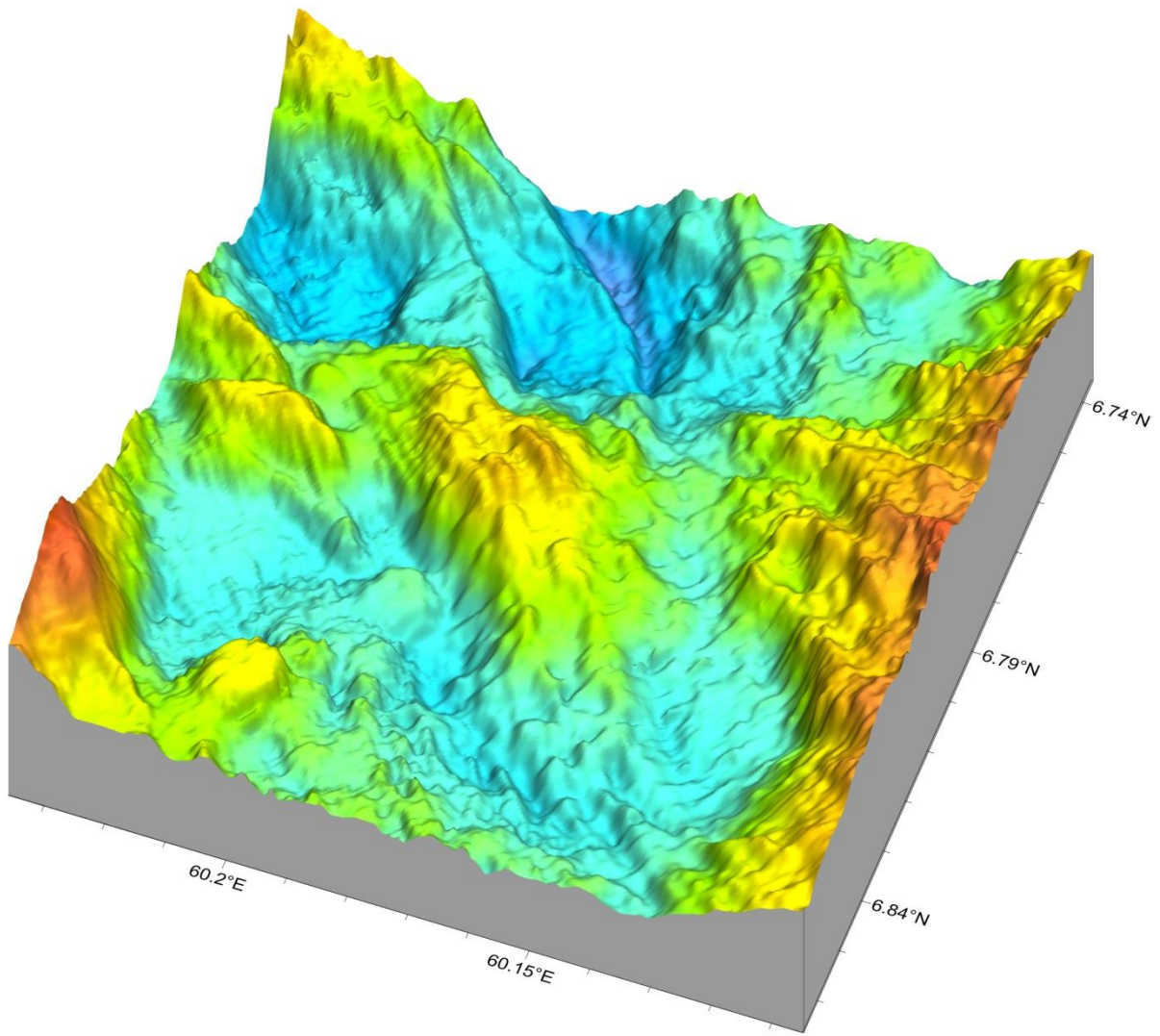


Fig. 4 3-D topography map of Daxi Hill

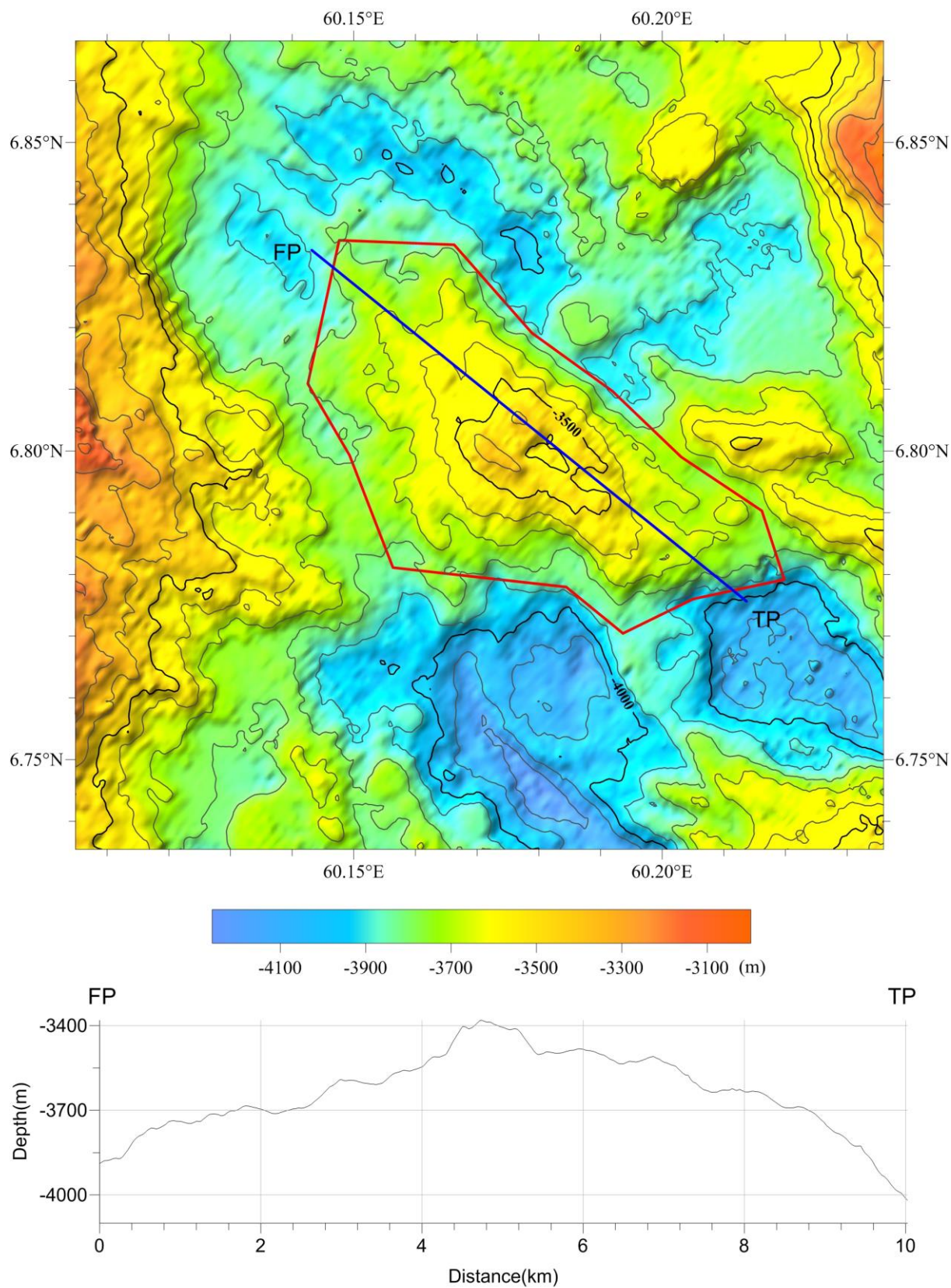


Fig. 5 profile map of Daxi Hill