

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Zhongjiannan Basin	Ocean or Sea:	the South China 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. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	13°52.4'N	109°55.0'E
	13°55.9'N	110°30.4'E
	14°12.2'N	110°60.0'E
	14°16.9'N	111°29.9'E
	14°05.5'N	111°50.7'E
	13°27.0'N	111°51.4'E
	13°19.3'N	111°31.6'E
	13°04.4'N	111°05.9'E
	12°49.8'N	111°11.7'E
	12°35.8'N	111°07.0'E
	12°33.1'N	110°49.9'E
	12°24.5'N	110°36.8'E
	12°05.2'N	110°31.5'E
	11°55.6'N	110°52.9'E
	11°39.1'N	110°52.5'E
	11°32.6'N	110°05.2'E
	11°47.5'N	109°47.1'E
	12°11.6'N	109°52.1'E
	12°33.3'N	109°52.3'E
	12°45.2'N	109°48.4'E
12°59.8'N	109°49.5'E	
13°13.3'N	109°52.5'E	
13°21.0'N	109°49.3'E	
13°30.1'N	109°51.9'E	
13°42.6'N	109°51.7'E	
13°52.4'N	109°55.0'E	

Feature Description:	Maximum Depth:	3000m	Steepness :	
	Minimum Depth :	200m	Shape :	Irregular
	Total Relief :	2800m	Dimension/Size :	300km × 200km

Associated Features:	Zhongjiannan Basin lies in the western slope of the South China Sea. The bottom of this basin is flat and water depth is between 2500m and 2900m. There are several seamounts and hills in this basin.
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Chart/Map References:	Shown Named on Map/Chart:
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	Shown Unnamed on Map/Chart:	GEBCO 5.06
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Zhongjiannan Cenozoic Sedimentary Basin is under Zhongjiannan Basin. Zhongjiannan Basin is named after the underlying Zhongjiannan Cenozoic Sedimentary Basin.
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Discovery Facts:	Discovery Date:	1998
	Discoverer (Individual, Ship):	R/V Haiyang Sihao

Supporting Survey Data, including Track Controls:	Date of Survey:	1998-1999
	Survey Ship:	R/V Haiyang Sihao
	Sounding Equipment:	Multi-beam sounding system (Seabeam2112)
	Type of Navigation:	DGPS
	Estimated Horizontal Accuracy (nm):	<=0.08 nm
	Survey Track Spacing:	4.8nm
Supporting material can be submitted as Annex in analog or digital form.		

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	Organization and Address:	Guangzhou Marine Geological Survey, China Geological Survey. No.188 Guanghai Rd., Huangpu District, Guangzhou, China.

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
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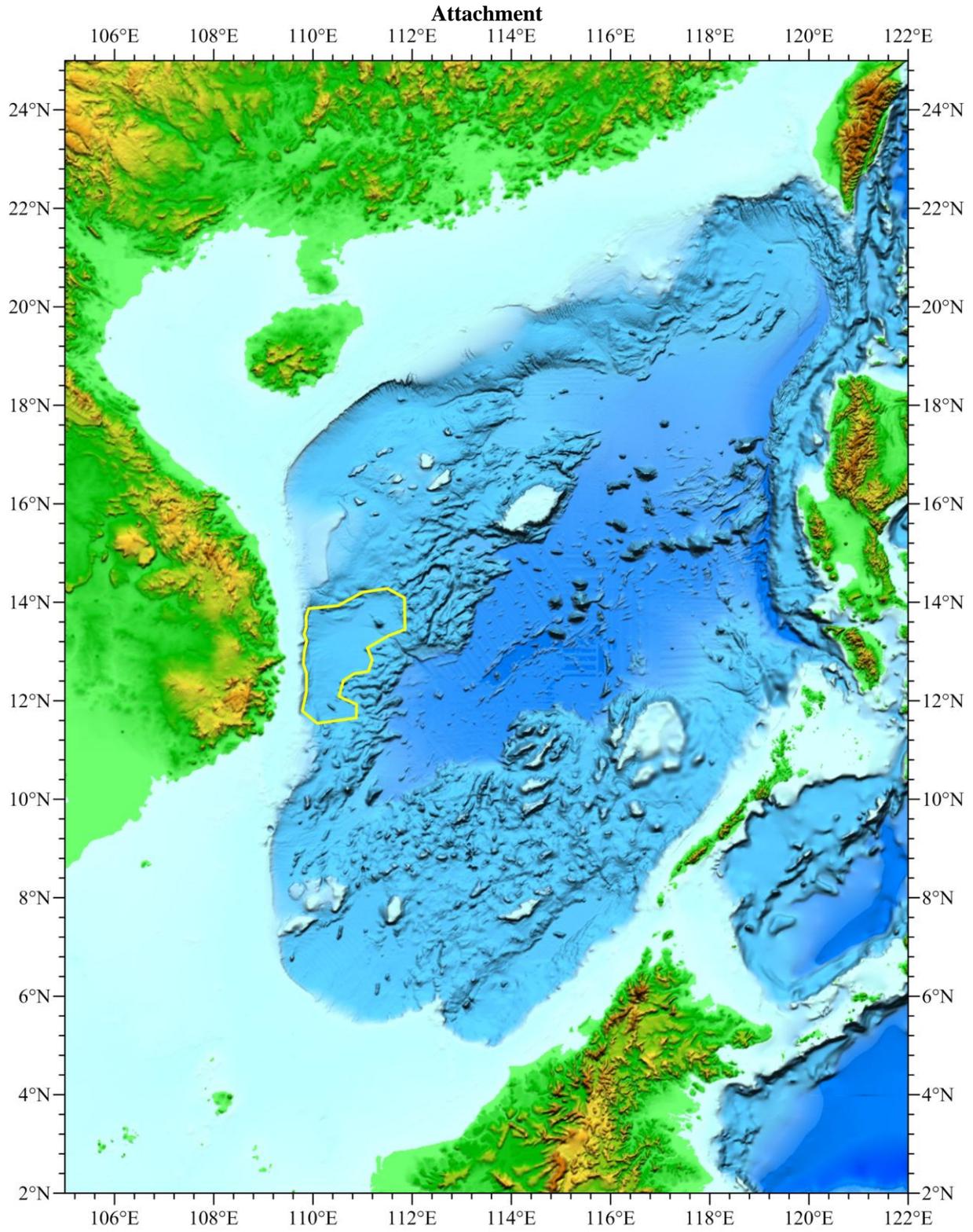


Fig.1 Index map showing the location of Zhongjiannan Basin

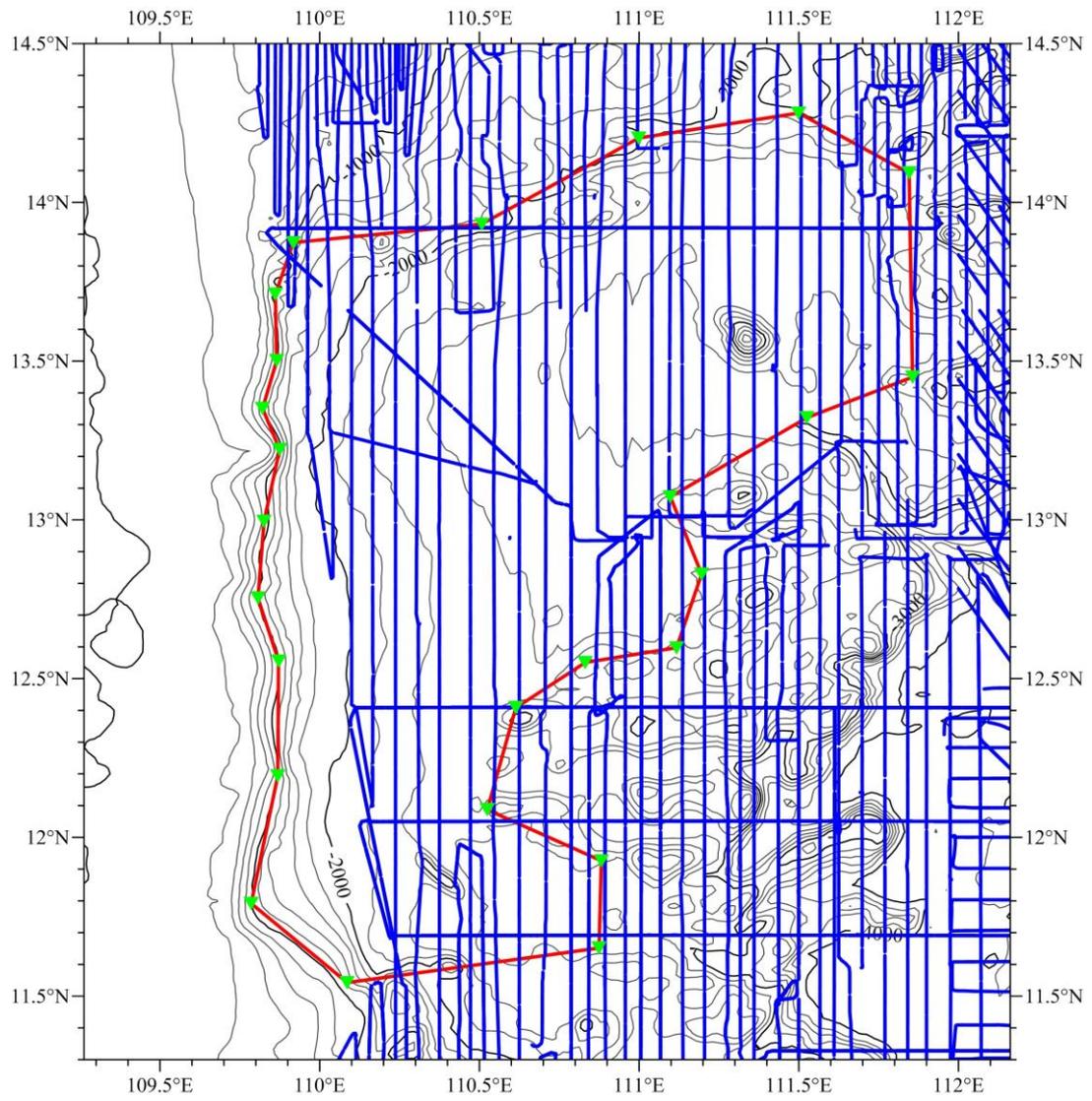


Fig.3 Bathymetric map of Zhongjiannan Basin overlain with track lines
(Contours are in 200 m, blue lines for the track lines)

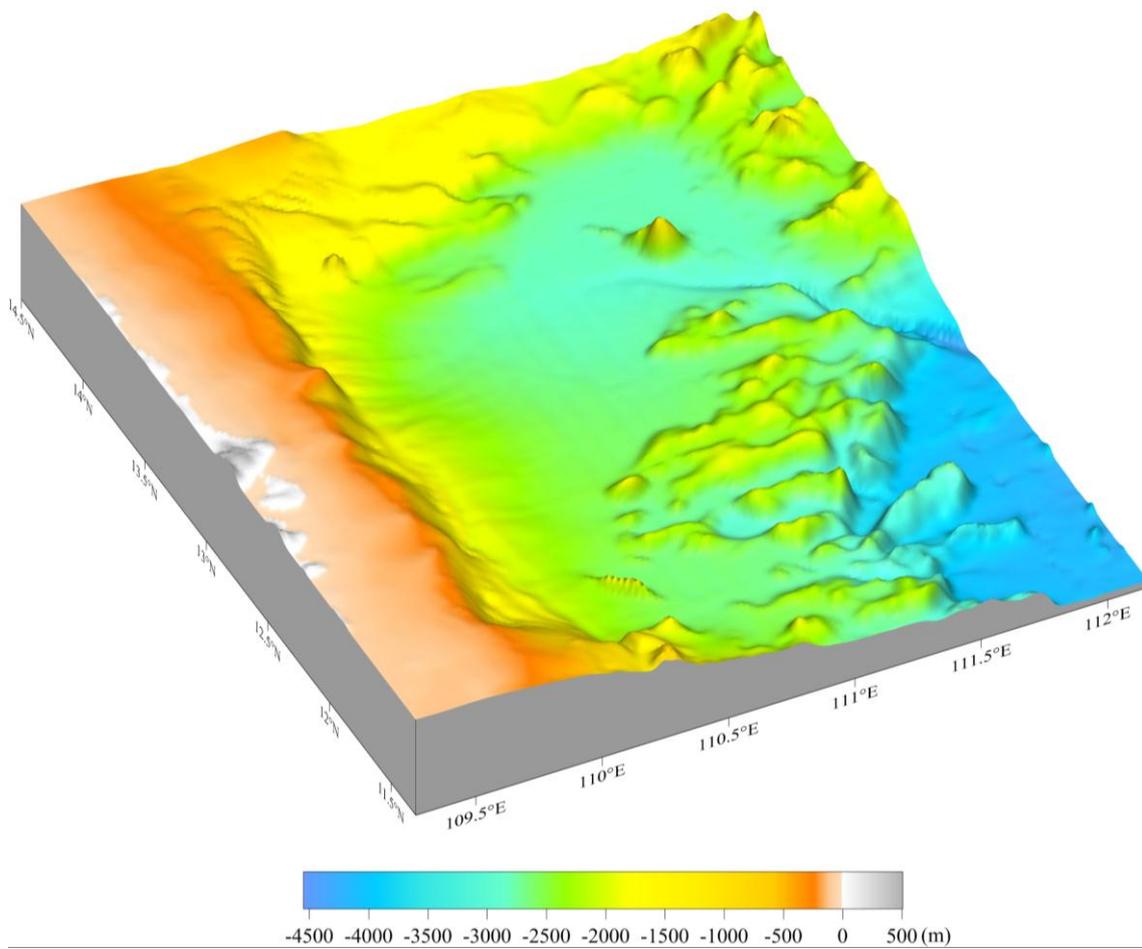
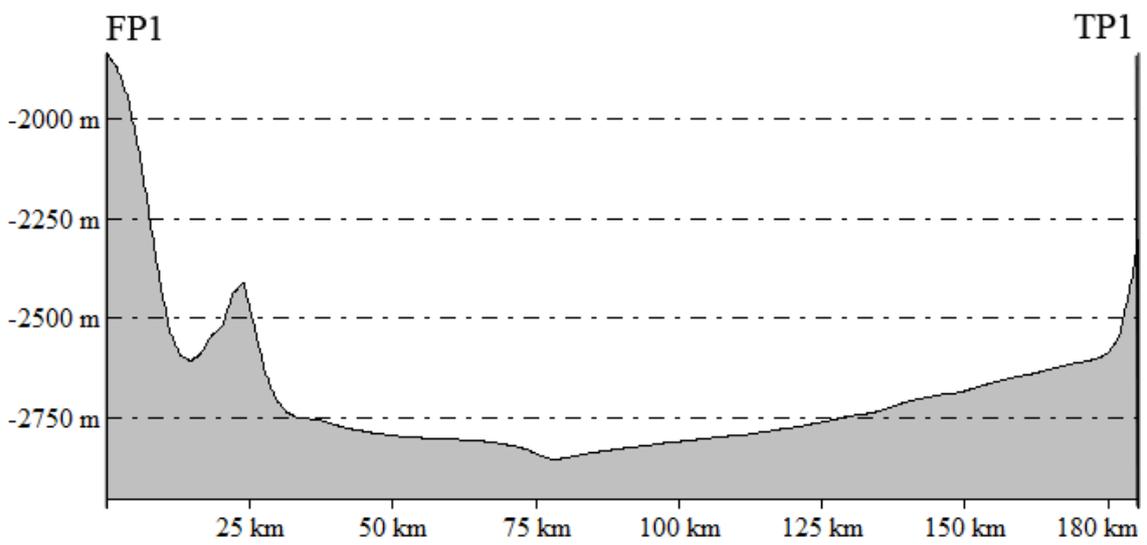
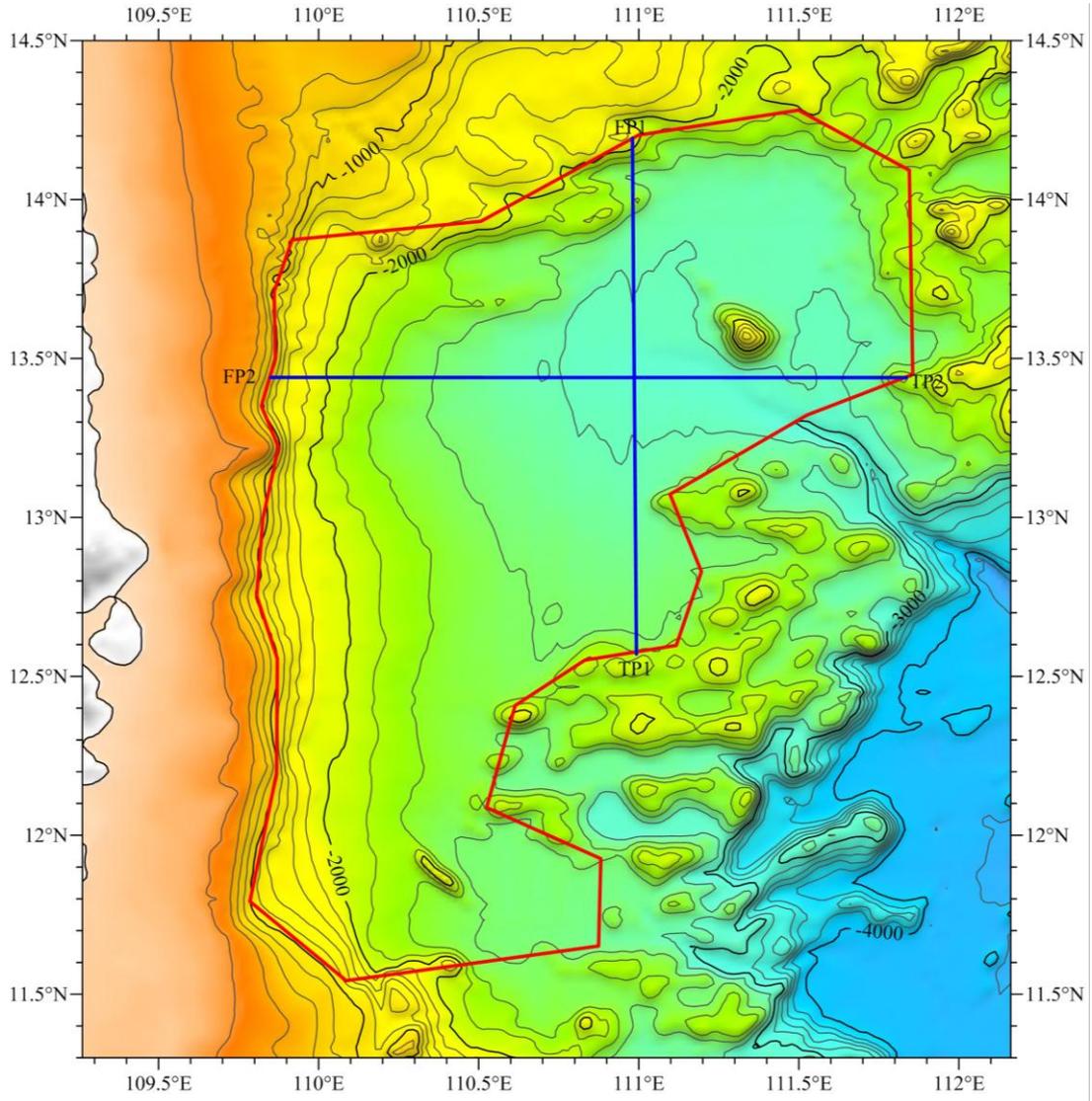


Fig.4 3-D bathymetric map of Zhongjiannan Basin



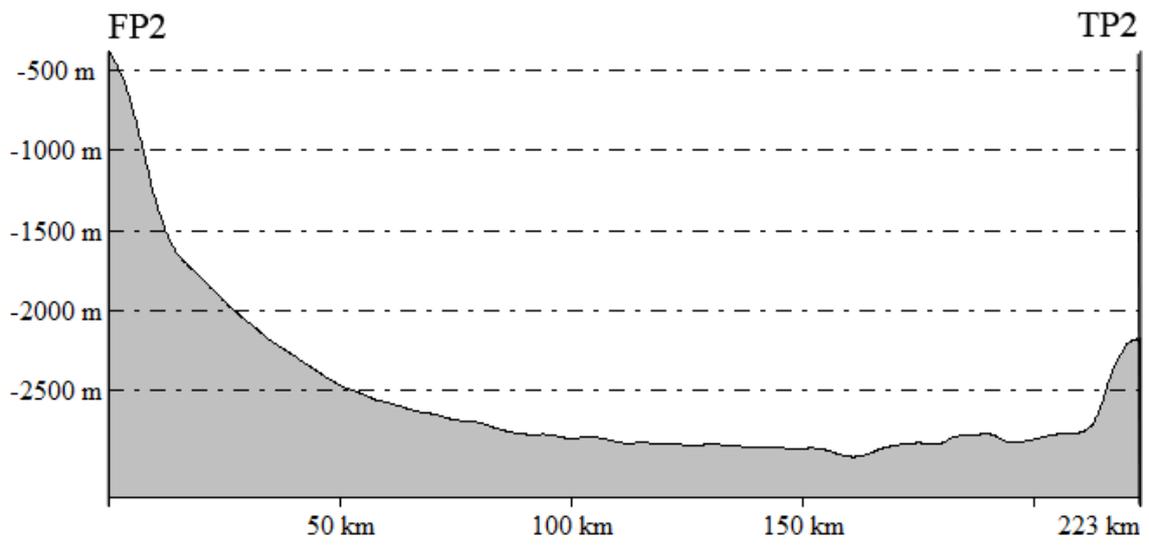


Fig.5 Profile map of Zhongjiannan Basin