A Big Earth Data Platform for Three Poles

**Geomorphological of China 1:4,000,000**

1、Description

The integration of geomorphological information in western China was completed by a team led by Dr. Xie Chuanjie, Institute of Geography, Resources and Environment, Chinese Academy of Sciences. These include the national geomorphological database of 1: 4 million and the western geomorphological database of 1: 1 million. The geomorphological data of 1: 4 million are tracked, collected and collated by the Geography Department of the National Planning Commission of the Chinese Academy of Sciences, "China Geomorphological Map (1: 4 million)" edited by Li Bingyuan and "Geomorphological Map of China and Its Adjacent Areas (1: 4 million)" edited by Chen Zhiming. Scan and register the data, vectorize all registered maps by ArcMap software, and establish their own classification and code systems. Geomorphological types are divided into basic geomorphological types and morphological structure types (point, line and surface representation) according to map spots (common staining) and symbols. Data are divided into structural geomorphology and morphological geomorphology.  
Projection information:  
Projection: Albers  
False\_Easting: 0.000000  
False\_Northing: 0.000000  
Central\_Meridian: 105.000000  
Standard\_Parallel\_1: 25.000000  
Standard\_Parallel\_2: 47.000000  
Latitude\_Of\_Origin: 0.000000  
Linear Unit: Meter (1.000000)  
  
Geographic Coordinate System: datumg  
Angular Unit: Degree (0.017453292519943299)  
Prime Meridian: &lt;custom&gt; (0.000000000000000000)  
Datum: D\_Krasovsky\_1940  
Spheroid: Krasovsky\_1940  
Semimajor Axis: 6378245.000000000000000000  
Semiminor Axis: 6356863.018773047300000000  
Inverse Flattening: 298.300000000000010000

2、Keywords

Theme：Landform type,Geomorphological structure type,Tectonic geomorphology,Geomorphology,Landform  
Discipline：Terrestrial Surface  
Places：China  
Time：

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：233.0MB

4.Data format：矢量

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：53.9 | - |
| west：73.2 | - | east：135.5 |
| - | south：17.8 | - |

5、Time frame:None--None

6、Reference method

References to data:

ZHOU Chenghu, CHENG Weiming. Geomorphological of China 1:4,000,000. A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2706022014

References to articles:

7、Supporting project information

8、Data resource provider

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