A Big Earth Data Platform for Three Poles

**Slope data of economic corridors along Silk Road**

1、Description

Slope data of economic corridors in Silk Road can reflect the degree of steepness of the surface units of the six major economic corridors, the unit is degree (°). The spatial resolution of the data is 0.016 degrees, which is about 1.8km. The longitude range is 12.09°E-180°, and the latitude range is 10.99°S-90°N. The source is derived from the Global Relief Model built by the National Oceanic and Atmospheric Administration of the United States (NOAA). The range is cut by the border of the Silk Road. This data is one of the basic data necessary to assess the risks of natural disasters (including debris flows, landslides, flash floods, etc.) in the six economic corridors. The application frequency will be high and the prospects will be broad.

2、Keywords

Theme：Topography,Slope,Debris flow,Natural Disaster,Flood,Landslide  
Discipline：Terrestrial Surface,Human-nature Relationship  
Places：Pan-Third Pole  
Time：2018

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：85.98MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：90.0 | - |
| west：12.09 | - | east：180.0 |
| - | south：-10.99 | - |

5、Time frame:2018-01-03 08:00:00+00:00--2019-01-02 19:59:59+00:00

6、Reference method

References to data:

ZOU Qiang. Slope data of economic corridors along Silk Road. A Big Earth Data Platform for Three Poles, 2019

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

8、Data resource provider

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