A Big Earth Data Platform for Three Poles

**Landslides and debris flows in CPEC**

1、Description

The China-Pakistan Economic Corridor, north from Kashgar of China and south to the Gwadar seaport of Pakistan, with a total length of 000 km, is the key to linking the north and south Silk Road. Due to the complex geology, landform, climate, hydrology conditions, landslides and debris flows are very active in this area. Through the combination of field investigation and image interpretation, the symbols of typical landslide and debris flow images were established. Based on interactive interpretation and field investigation verification, the spatial distribution of landslides and debris flows within the scope of CPEC was identified, which provides important data support for risk analysis of landslide and debris flow disasters in CPEC and disaster prevention and reduction.

2、Keywords

Theme：Geological hazards,Debris flow,Natural Disaster,Landslide
Discipline：Human-nature Relationship
Places：China-Pakistan Economic Corridor
Time：Nearly 50 years

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：2.62MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：41.08 | - |
| west：62.94 | - | east：78.61 |
| - | south：24.18 | - |

5、Time frame:2018-01-13 00:00:00+00:00--2020-01-13 00:00:00+00:00

6、Reference method

References to data:

ZOU Qiang. Landslides and debris flows in CPEC. A Big Earth Data Platform for Three Poles, doi:10.11888/Disas.tpdc.2716712019

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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