A Big Earth Data Platform for Three Poles

**Landslides and debris flows in Central and West Asia Economic Corridor (2018-2021)**

1、Description

The Central Asia West Asia economic corridor is dominated by deserts, mountains and plateaus, with an average altitude of about 1000m. The climate is extremely arid, the desert distribution area is large, the ecology is fragile, the dry and hot season lasts for a long time, up to 7 months, and the annual average rainfall is only 150mm at most. There are great differences in natural environment and complex geological conditions in the area. Under the compound driving action of regional differentiated structure, earthquake, meteorology, hydrology and ecology, debris flow and landslide are widely distributed in the corridor. Based on remote sensing images, the landslide and debris flow disasters in China Central Asia West Asia economic corridor are interpreted. Statistics show that 303 landslides and 2159 debris flow disasters are developed in China Central Asia West Asia economic corridor. Debris flows mainly include freeze-thaw debris flow, ice water debris flow and rainstorm debris flow.

2、Keywords

Theme：Landform type,Debris flow,Geomorphology,Other,landslide  
Discipline：Terrestrial Surface  
Places：Central and West Asia Economic Corridor  
Time：2018-2021

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.55MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：44.431 | - |
| west：28.895 | - | east：38.285 |
| - | south：32.221 | - |

5、Time frame:2018-11-30 16:00:00+00:00--2021-12-29 16:00:00+00:00

6、Reference method

References to data:

ZOU Qiang. Landslides and debris flows in Central and West Asia Economic Corridor (2018-2021). A Big Earth Data Platform for Three Poles, doi:10.11888/Terre.tpdc.2723212022

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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