A Big Earth Data Platform for Three Poles

**Landslides and debris flows in China-Mongolia-Russia Economic Corridor(2010-2020)**

1、Description

The China Mongolia Russia economic corridor starts from China in the East, passes through Mongolia in the west to Russia, and crosses the Mongolian Plateau, West Siberian plain and Eastern European Plain. There are great differences in natural environment and complex geological conditions in the region. Driven by regional differences in structure, earthquake, meteorology, hydrology and ecology, landslides are widely distributed in China Mongolia Russia economic corridor. Based on remote sensing images, the landslide and debris flow disasters in China Mongolia Russia economic corridor are interpreted. Statistics show that there are 396 landslide disasters in China Mongolia Russia economic corridor, and the landslide disaster area is between 0.0006km2 ~ 8.57km2. The watershed area within 100km on both sides of the railway line, with a total area of 1.43 × 106km2, has identified 1336 debris flow gullies in the China Mongolia Russia economic corridor.

2、Keywords

Theme：Natural Disaster  
Discipline：Human-nature Relationship  
Places：China-mongolia-russia Economic Corridor  
Time：2010-2020

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.5MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.285 | - |
| west：61.828 | - | east：125.41 |
| - | south：29.731 | - |

5、Time frame:2009-12-31 16:00:00+00:00--2020-12-30 16:00:00+00:00

6、Reference method

References to data:

ZOU Qiang. Landslides and debris flows in China-Mongolia-Russia Economic Corridor(2010-2020). A Big Earth Data Platform for Three Poles, doi:10.11888/Disas.tpdc.2710822020

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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