A Big Earth Data Platform for Three Poles

**Landslide data set of Three Rivers Basin in the southeast of Qinghai Tibet Plateau**

1、Description

1) Data content: this data set is the landslide disaster data of Sanjiang Basin in the southeast of Qinghai Tibet Plateau; 2) Data source and processing method: this data set was independently interpreted by Dai Fuchu of Beijing University of technology using Google Earth; This data file is finally formed by remote sensing interpretation - on-site verification - re interpretation - re verification and other methods after 7 systematic interpretation. More than 5000 landslides have been verified on site with high accuracy; 4) This data has broad application prospects for hydropower resources development, traffic engineering construction and geological disaster evaluation in the three river basins in the southeast of Qinghai Tibet Plateau.

2、Keywords

Theme：Landslides,Earth SurFace Processes,Rockfall,Natural Disaster,Geomorphology,Disaster,Satelite images,Terrestrial Surface Remote Sensing,Geologic Hazard
Discipline：Terrestrial Surface,Human-nature Relationship,Solid earth
Places：Three Rivers Basin
Time：Historic landslides

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：2.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：35.9 | - |
| west：89.73 | - | east：101.03 |
| - | south：25.38 | - |

5、Time frame:None--None

6、Reference method

References to data:

DAI Fuchu . Landslide data set of Three Rivers Basin in the southeast of Qinghai Tibet Plateau. A Big Earth Data Platform for Three Poles, doi:10.11888/Terre.tpdc.2720432022

References to articles:

戴福初, 邓建辉. (2020). 青藏高原东南三江流域滑坡灾害发育特征. 工程科学与技术, 52(5), 3-15.

7、Supporting project information

Catastrophic mechanisms and risk control of disastrous landslides in the Tibetan Plateau
Endogenic and exogenic geological conditions and coupling effects on the occurrence of landslide hazard

8、Data resource provider

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