A Big Earth Data Platform for Three Poles

**River-blocking landslide database of the Three Rivers region (2018-2021)**

1、Description

Data content: spatial distribution, development mechanism and point database of river-blocking landslide in the Three Rivers region
Collection scheme: First carry out Google Earth remote sensing interpretation, then carry out field verification and improve the interpretation signs in combination with field verification. Then carry out detailed interpretation, and collect the scale and geomorphic data including landslide source area, movement area and accumulation area. Then study and analyze the typical cases of river-blocking landslide, This reveals the engineering geological classification and genetic mechanism of river-blocking landslide in the Three Rivers rigion.
Collection location: Sanjiang area of Qinghai Tibet Plateau and Sichuan University
Collection time: October 1, 2018 to October 31, 2021

2、Keywords

Theme：Geological hazards,landslide,Natural Disaster,multi-disasters
Discipline：Human-nature Relationship
Places：Sanjiang Basin of Qinghai Tibet Plateau
Time：2018-2021

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.032MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：33.5 | - |
| west：95.7 | - | east：100.6 |
| - | south：25.4 | - |

5、Time frame:2018-10-31 16:00:00+00:00--2021-10-30 16:00:00+00:00

6、Reference method

References to data:

DENG Jianhui , ZHAO Siyuan . River-blocking landslide database of the Three Rivers region (2018-2021). A Big Earth Data Platform for Three Poles, doi:10.11888/HumanNat.tpdc.2720412022

References to articles:

7、Supporting project information

Catastrophic mechanisms and risk control of disastrous landslides in the Tibetan Plateau

8、Data resource provider

name: DENG Jianhui
unit: Sichuan University
email: jhdeng@scu.edu.cn

name: ZHAO Siyuan
unit: Sichuan University
email: zhaosiyuan@scu.edu.cn