A Big Earth Data Platform for Three Poles

**Partial data of debris flow monitoring in Guxiang gully,Tianmo gully and Peilong gully , Nyingchi, Tibet (2019-2020)**

1、Description

According to the task assignment, the research group of "research and development of key technologies and equipment for monitoring and early warning of debris flow in complex mountainous areas" developed a prototype of multi index intelligent early warning and monitoring equipment for debris flow disasters such as mud water level and ground sound, and carried out demonstration application of the prototype in Guxiang gully, Tianmo gully and Peilong gully along G318 National Highway in Bomi County, Nyingchi City, Tibet in October 2019. The data submitted are the original data collected by the debris flow professional monitoring equipment deployed in Guxiang gully, Tianmo gully and Peilong gully, including the monitoring data of geoacoustic equipment, rainfall and mud water level. The monitoring data of professional equipment submitted by the Institute provides a technical guarantee for the research on the evolution characteristics of the breeding, development and formation stages of debris flow disasters in Guxiang gully, Tianmo gully and Peilong gully to a certain extent.

2、Keywords

Theme：Earth SurFace Processes,debris flow
Discipline：Terrestrial Surface
Places：Bome
Time：2019-2020

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：720.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：30.5 | - |
| west：94.3 | - | east：95.35 |
| - | south：29.1 | - |

5、Time frame:2019-09-30 16:00:00+00:00--2020-05-21 16:00:00+00:00

6、Reference method

References to data:

DONG Hanchuan , GUO Wei . Partial data of debris flow monitoring in Guxiang gully,Tianmo gully and Peilong gully , Nyingchi, Tibet (2019-2020). A Big Earth Data Platform for Three Poles, doi:10.11888/Terre.tpdc.2720232022

References to articles:

7、Supporting project information

Debris flow disaster monitoring and early warning and technical equipment research and development in complex mountainous areas

8、Data resource provider

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