A Big Earth Data Platform for Three Poles

**Scientific research images and site photos of natural disaster risk in the scientific research area around the Himalayas (domestic part) (2021)**

1、Description

The photos include daily (2021.7.25-2021.8.6) scientific research disaster points and working photos, as well as the questionnaire of each disaster point (including landslide, collapse, debris flow, etc.), identify the disaster points recorded every day on the map, convert them into KMZ format, and analyze the distribution of disaster points in the scientific research area on GIS. The distribution of disaster points shows that there are fewer disaster points along the north line and in the scientific research county, while there are more disaster points along the south line and in the scientific research county. During the scientific research, wind sand points and mountain erosion points were found and recorded. Especially in the valleys and gullies around the Himalayas, disasters such as landslide and debris flow are easy to occur, while geological disasters are not easy to occur in the Qiangtang plateau area (plateau surface). The photos of disaster points can reflect the disaster characteristics of a region. They are intuitive data for studying local disaster types, and then have basic significance for local disaster types, distribution and disaster prevention and reduction measures.

2、Keywords

Theme：debris flow,Rockfall,Geologic Hazard  
Discipline：Solid earth  
Places：Around the Himalayas  
Time：2021

3、Data details

1.Scale：None

2.Projection：

3.Filesize：1382.4MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：31.64 | - |
| west：85.23 | - | east：92.47 |
| - | south：27.48 | - |

5、Time frame:2021-07-01 16:00:00+00:00--2021-08-05 16:00:00+00:00

6、Reference method

References to data:

GAO Yuan , HUAQUE Cairang , CHEN Yingming , LI Chunhua , GAO Haixin , DING Yuanhui , MA Mingfu , ZHANG Shengpeng , NIU Baicheng , ZHOU Qiang. Scientific research images and site photos of natural disaster risk in the scientific research area around the Himalayas (domestic part) (2021). A Big Earth Data Platform for Three Poles, doi:10.11888/SolidEar.tpdc.2723802022

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

name: ZHOU Qiang  
unit:   
email: zhouqiang729@163.com  
  
name: NIU Baicheng   
unit: Qinghai Normal University  
email: 707481314@qq.cm  
  
name: CHEN Yingming   
unit: Qinghai Normal University  
email: 15643198582@qq.com  
  
name: HUAQUE Cairang   
unit: Qinghai Normal University  
email: 365404219@qq.com  
  
name: LI Chunhua   
unit: Qinghai Normal University  
email: tzsnlmj@163.com  
  
name: ZHANG Shengpeng   
unit: Qinghai Normal University  
email: zhangshengpeng@qhbsmi.cn  
  
name: MA Mingfu   
unit: Qinghai Normal University  
email: 841880419@qq.com  
  
name: GAO Haixin   
unit: Qinghai Normal University  
email: 3506422405@qq.com  
  
name: DING Yuanhui   
unit: Qinghai Normal University  
email: 905087165@qq.com  
  
name: GAO Yuan   
unit: Qinghai Normal University  
email: 2480216410@qq.com