A Big Earth Data Platform for Three Poles

**The human activity dataset in key area of Qilian Mountaion (2021)**

1、Description

This data set is the data set of human activities in key areas of Qilian Mountains in 2021, with a spatial resolution of 2m. This data set focuses on the monitoring of mining, urban expansion, cultivated land development, hydropower construction and tourism development in key areas of Qilian Mountains. Through high-resolution remote sensing images, the changes before and after statistics are compared. The map spots of land type change in Qilian mountain area were investigated and verified block by block; Reinterpret and verify the plots with suspicious mapping; For the land type that cannot be reflected by the image, verify the land type on the spot, collect relevant data, check and correct the position. At the same time, further check the attribute information of the monitoring content of key areas in the Qilian Mountains in 2021, input and edit the map spots and their attributes in a unified way, form a human activity data set in the Qilian Mountains in 2021, realize the current situation and timeliness of ecological governance in the Qilian Mountains, and provide data support for human activity monitoring in key areas in the Qilian Mountains.

2、Keywords

Theme：Remote Sensing Product,Remote Sensing Technology  
Discipline：Remote Sensing Technology  
Places：Qilian Mountaion  
Time：2021

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：29.6MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.0 | - |
| west：95.0 | - | east：102.0 |
| - | south：36.0 | - |

5、Time frame:2020-12-31 16:00:00+00:00--2021-12-31 03:59:59+00:00

6、Reference method

References to data:

QI Yuan , ZHANG Jinlong , ZHOU Shengming , WANG Hongwei, YUAN Jing. The human activity dataset in key area of Qilian Mountaion (2021). A Big Earth Data Platform for Three Poles, doi:10.11888/Terre.tpdc.2724852022

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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