A Big Earth Data Platform for Three Poles

**UAV-derived raster data of the Tibetan Plateau during 2018-2019**

1、Description

The data set is obtained by UAV aerial photography during five field visits to the Qinghai Tibet Plateau in 2018-2019. The data size is 77.6 GB, including more than 11600 aerial photos. The aerial film was shot in five times, from July 19, 2018 to July 26, 2018, September 9, 2018 to September 16, 2018, April 24, 2019 to May 10, 2019, July 6, 2019 to July 20, 2019, September 1, 2019 to September 7, 2019. The shooting location mainly includes the roads and surrounding areas between major cities in Lhasa, shigaze, Naqu, Shannan, Linzhi, Changdu, Diqing, Ganzi, ABA, Gannan and Golog. The aerial photos clearly reflect the local land use / cover type, vegetation distribution, grassland degradation, vegetation coverage, river and lake distribution and other information. The aerial photos have longitude and latitude and altitude information, which can provide better verification information for the remote sensing interpretation of land use / cover, and also can be used for the estimation of vegetation coverage, and for the study of land use in the study area Good reference information is provided.

2、Keywords

Theme：Remote Sensing Technology
Discipline：Remote Sensing Technology
Places：The Qinghai-Tibeta Plateau
Time：2018-2019

3、Data details

1.Scale：None

2.Projection：

3.Filesize：79496.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.5 | - |
| west：73.33 | - | east：104.33 |
| - | south：26.17 | - |

5、Time frame:None--None

6、Reference method

References to data:

LIU Yaqun, LV Changhe. UAV-derived raster data of the Tibetan Plateau during 2018-2019. A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2703082020

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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