A Big Earth Data Platform for Three Poles

**UAV-derived raster data of the Tibetan Plateau in 2020**

1、Description

The data set was obtained from UAV aerial photography during the field investigation of the Qinghai Tibet Plateau in August 2020. The data size is 10.1 GB, including more than 11600 aerial photos. The shooting sites mainly include Lhasa, Shannan, Shigatse and other areas along the road, residential areas and surrounding areas. The aerial photos mainly reflect the local land use / cover type, facility agriculture distribution, grassland coverage and other information. The aerial photos have longitude, latitude and altitude information, which can provide better verification information for land use / cover remote sensing interpretation, and can also be used for vegetation coverage estimation, and provide better reference information for land use research in the study area.

2、Keywords

Theme：Agricultural Resources,Land Resources,Remote Sensing Technology,Farmland,Land use type
Discipline：Remote Sensing Technology,Human-nature Relationship
Places：Tibetan Plateau
Time：2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：10342.4MB

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 in 2020. A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2711242021

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program
Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

name: LV Changhe
unit: Institute of Geographical Sciences and Natural Resource Research, CAS
email: luch@igsnrr.ac.cn

name: LIU Yaqun
unit: Institute of Geographical Sciences and Natural Resource Research, CAS
email: luch@igsnrr.ac.cn