A Big Earth Data Platform for Three Poles

**UAV-derived raster data of the Tibetan Plateau （2021）**

1、Description

This dataset was captured during the field investigation of the Qinghai-Tibet Plateau in June 2021 using uav aerial photography. The data volume is 3.4 GB and includes more than 330 aerial photographs. The shooting locations mainly include roads, residential areas and their surrounding areas in Lhasa Nyingchi of Tibet, Dali and Nujiang of Yunnan province, Ganzi, Aba and Liangshan of Sichuan Province. These aerial photographs mainly reflect local land use/cover type, the distribution of facility agriculture land, vegetation coverage. Aerial photographs have spatial location information such as longitude, latitude and altitude, which can not only provide basic verification information for land use classification, but also provide reference for remote sensing image inversion of large-scale regional vegetation coverage by calculating vegetation coverage.

2、Keywords

Theme：Agricultural Resources,Land Use/Land Cover,Land Resources,Remote Sensing Technology,Farmland  
Discipline：Terrestrial Surface,Remote Sensing Technology,Human-nature Relationship  
Places：The Tibetan Plateau  
Time：2021

3、Data details

1.Scale：None

2.Projection：

3.Filesize：3482.0MB

4.Data format：None

4、Space scope

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

5、Time frame:2021-05-30 16:00:00+00:00--2021-06-14 16:00:00+00:00

6、Reference method

References to data:

ZHANG Zemin, LV Changhe. UAV-derived raster data of the Tibetan Plateau （2021）. A Big Earth Data Platform for Three Poles, doi:10.11888/Terre.tpdc.2719032021

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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