A Big Earth Data Platform for Three Poles

**Product data set of 30 m human activity parameters in Qilian Mountain Area in 2021 (V3.0)**

1、Description

This data set includes 30 m cultivated land and construction land distribution products in Qilian Mountain Area in 2021. The product comes from the land cover classification product of 30 m in Qilian Mountain Area in 2021. The overall accuracy of the product is better than 85%.

2、Keywords

Theme：Land Use/Land Cover,Land Resources
Discipline：Terrestrial Surface,Human-nature Relationship
Places：QilanMountains
Time：2021

3、Data details

1.Scale：None

2.Projection：

3.Filesize：5940.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.0 | - |
| west：93.0 | - | east：104.0 |
| - | south：35.0 | - |

5、Time frame:2020-12-31 16:00:00+00:00--2021-12-30 16:00:00+00:00

6、Reference method

References to data:

ZHONG Bo, YANG Aixia. Product data set of 30 m human activity parameters in Qilian Mountain Area in 2021 (V3.0). A Big Earth Data Platform for Three Poles, doi:10.11888/HumanNat.tpdc.2726902022

References to articles:

Zhong, B., Yang, A., Jue, K., & Wu, J. (2021). Long time series high-quality and high-consistency land cover mapping based on machine learning method at heihe river basin. Remote Sensing, 13(8), 1596.

Zhong, B., Yang, A., Nie, A., Yao, Y., Zhang, H., Wu, S., & Liu, Q. (2015). Finer resolution land-cover mapping using multiple classifiers and multisource remotely sensed data in the Heihe river basin. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. 8(10), 4973-4992.

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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