A Big Earth Data Platform for Three Poles

**The land cover/use data in key areas of the Qilian Mountain (2018)**

1、Description

This data set is the land use data of the key areas of Qilian mountain in 2018, spatial resolution 2m. This data set is based on the data of climate, altitude, topography, and land cover type of the Qilian mountain. Through the high-resolution remote sensing images to interprets the surface cover types. For the land types that cannot be reflected by the images, collect relevant data in the field, check and correct the land use types. At the same time, the maps and attribute information are uniformly entered and edited to form land use data in the Qilian Mountain area in 2018.

2、Keywords

Theme：Land Use/Land Cover,Remote Sensing Technology
Discipline：Terrestrial Surface,Remote Sensing Technology
Places：Qilian Mountain
Time：2018

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：9861.2MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.0 | - |
| west：94.0 | - | east：102.0 |
| - | south：36.0 | - |

5、Time frame:2018-01-08 00:00:00+00:00--2019-01-07 11:59:59+00:00

6、Reference method

References to data:

YAN Changzhen, QI Yuan, DUAN Hanchen, JIA Yongjuan, ZHANG Jinlong. The land cover/use data in key areas of the Qilian Mountain (2018). A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2701542019

References to articles:

苏阳, 祁元, 王建华, 等. (2018). 基于航空高光谱影像的额济纳绿洲土地覆被提取[J]. 遥感技术与应用, 33(2), 202-211.

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

8、Data resource provider

name: ZHANG Jinlong
unit: Northwest Institute of Eco-Environment and Resources, CAS
email: zhangjinlong2000@hotmail.com

name: DUAN Hanchen
unit: Northwest Institute of Eco-Environment and Resources, CAS
email: 297120882@qq.com

name: JIA Yongjuan
unit: Northwest Institute of Eco-Environment and Resources, CAS
email: 937839261@qq.com

name: YAN Changzhen
unit: Northwest Institute of Eco-Environment and Resources, CAS
email: yancz@lzb.ac.cn

name: QI Yuan
unit: Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences
email: qiyan@lzb.ac.cn