A Big Earth Data Platform for Three Poles

**Dataset of ZY-3 satellite images (2017)**

1、Description

The major deserts in China include the Taklamakan Desert, Gurban Tunggut Desert, Qaidam Desert, Kumtag Desert, Badain Jaran Desert, Tengger Desert, Ulan Buh Desert, Hobq Desert, MU US Desert, Hunshandake Desert, Hulunbuir Sands, and Horqin Sands. All the desert boundaries were derived from Google Earth Pro® via manual interpretation. We delineated the desert boundaries using the Digital Global Feature Imagery and SpotImage (2011, 10 m resolution) collections of Google Earth Pro®, whose spatial resolution is finer than 30 m. The acquisition time of most images was in 2011.

2、Keywords

Theme：Satelite images,Terrestrial Surface Remote Sensing  
Discipline：Terrestrial Surface  
Places：Tibetan Plateau, Three-River-Source National Park, Three Rivers Source  
Time：2017

3、Data details

1.Scale：None

2.Projection：

3.Filesize：10649.6MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：37.4 | - |
| west：99.8 | - | east：100.9 |
| - | south：36.6 | - |

5、Time frame:2017-01-17 00:00:00+00:00--2018-01-16 00:00:00+00:00

6、Reference method

References to data:

China Centre for Resources Satellite Data and Application . Dataset of ZY-3 satellite images (2017). A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2712292019

References to articles:

7、Supporting project information

Ecological Data Center of Sanjiangyuan National Park

8、Data resource provider

name: China Centre for Resources Satellite Data and Application   
unit: China Centre for Resources Satellite Data and Application   
email: cresda\_yykfb@spacechina.com