A Big Earth Data Platform for Three Poles

**Distribution of the average vegetation coverage in Central Asia (2017)**

1、Description

The data set is the vegetation coverage in Central Asia including three temperate deserts, the Karakum, Kyzylkum and Muyunkun Deserts, and one of the world's largest arid zones. This is the MODIS-NDVI data set calculated by using the NDVI and the vegetation coverage in arid region. The space and time resolutions are 500 m and 16 days, respectively. The time is from 01, January, 2017 to 18, December, 2017. The data set uses the the Geodetic coordinate system. It can be used for the investigation of the Desert oil and gas field, and oasis cities.

2、Keywords

Theme：Topography,Base data  
Discipline：Terrestrial Surface  
Places：Central Asia  
Time：2017

3、Data details

1.Scale：500

2.Projection：WGS84

3.Filesize：187.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：56.0 | - |
| west：45.0 | - | east：90.0 |
| - | south：34.0 | - |

5、Time frame:2017-01-15 00:00:00+00:00--2018-01-01 11:59:59+00:00

6、Reference method

References to data:

GAO Xin. Distribution of the average vegetation coverage in Central Asia (2017). A Big Earth Data Platform for Three Poles, doi:10.11888/Ecolo.tpdc.2705372019

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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