A Big Earth Data Platform for Three Poles

**Disribution of desert oil-gas fields and oasis cities in Central Asia (2012-2016)**

1、Description

The distribution data of Central Asia desert oil and gas fields are in the form of vector data in ". SHP". Including the distribution of oil and gas fields and major urban settlements in the five Central Asian countries. The data is extracted and cut from modis-mcd12q product. The spatial resolution of the product is 500 m, and the time resolution is 1 year. IGBP global vegetation classification scheme is adopted as the classification standard. The scheme is divided into 17 land cover types, among which the urban data uses the construction and urban land in the scheme. The data can provide data support for the assessment and prevention of sandstorm disasters in Central Asia desert oil and gas fields and green town.

2、Keywords

Theme：Division,Urbanization rate,Population,Social and Economic,Land-use and land-cover change(LUCC),Terrestrial Surface Remote Sensing
Discipline：Terrestrial Surface,Human-nature Relationship
Places：Central Asia
Time：2012-2016

3、Data details

1.Scale：500

2.Projection：WGS84

3.Filesize：19.1MB

4.Data format：None

4、Space scope

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

5、Time frame:2012-06-06 16:00:00+00:00--2016-04-06 03:59:59+00:00

6、Reference method

References to data:

GAO Xin. Disribution of desert oil-gas fields and oasis cities in Central Asia (2012-2016). A Big Earth Data Platform for Three Poles, 2018

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

name: GAO Xin
unit: Xinjiang Institute of Ecology and Geography, CAS
email: gaoxin@ms.xjb.ac.cn