A Big Earth Data Platform for Three Poles

**Dataset of key elements of desertification in typical watershed of Central and Western Asia （Amu River Basin）**

1、Description

Data Set of Key Elements of Desertification in Typical Watershed of Central and Western Asia includes four parts: distribution and change of agricultural land of Amu River Basin, distribution and change of grassland of Amu River Basin, distribution and change of shrub land of Amu River Basin, distribution and change of forests of Amu River Basin. the spatial resolution of data is 30 m. All the data is based on Landsat TM/ETM image data in 1990, 2000 and 2010. The data produced by the key laboratory of remote sensing and GIS, Xinjiang institute of ecology and geography, Chinese Academy of Sciences. Data production Supported by the Strategic Priority Research Program of Chinese Academy of Sciences, Grant No. XDA20030101.

2、Keywords

Theme：Ecological remote sensing products,Land-use and land-cover change(LUCC),Terrestrial Surface Remote Sensing  
Discipline：Terrestrial Surface  
Places：Central-Western Asia region  
Time：1990, 2000, 2010

3、Data details

1.Scale：None

2.Projection：

3.Filesize：1200.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：34.25 | - |
| west：55.22 | - | east：75.2 |
| - | south：45.7 | - |

5、Time frame:None--None

6、Reference method

References to data:

XU Wenqiang. Dataset of key elements of desertification in typical watershed of Central and Western Asia （Amu River Basin）. A Big Earth Data Platform for Three Poles, doi:10.11888/Ecolo.tpdc.2704902019

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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