A Big Earth Data Platform for Three Poles

**Land cover data of the Belt and Road's region (Version 1.0) (2015)**

1、Description

Based on 2015 ESA global land cover data (ESA GlobCover, 300 m grid), combined with the Tsinghua university global land cover data (FROM GLC, 30 m grid), NASA MODIS global land cover data (MCD12Q1, 300 m grid), the United States Geological Survey (USGS global land data (GFSAD30, 30 m), Japanese global forest data (PALSAR/PALSAR - 2, 25 m), we build the LUCC classification system in the Belt and Road's region and the rest of the data transformation rules of the classification system. We also build the land cover classification confidence function and the rules of fusing land classification to finish the integration and modification of land cover products and finally completed the land use data in the Belt and Road's region V1.0 (64 + 1 countries, 2015, 1 km x 1 km grid, the first level classification).

2、Keywords

Theme：Land Use/Land Cover,Ecological remote sensing products,Terrestrial Surface Remote Sensing  
Discipline：Terrestrial Surface  
Places：Pan-Third pole  
Time：2015

3、Data details

1.Scale：None

2.Projection：

3.Filesize：360.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：83.0 | - |
| west：180.0 | - | east：12.0 |
| - | south：-10.0 | - |

5、Time frame:2015-01-13 16:00:00+00:00--2016-01-12 16:00:00+00:00

6、Reference method

References to data:

XU Erqi. Land cover data of the Belt and Road's region (Version 1.0) (2015). A Big Earth Data Platform for Three Poles, doi:10.11888/Ecolo.tpdc.2705042019

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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