A Big Earth Data Platform for Three Poles

**Spatial distribution data of urban land use in Pan-Third Pole region (1992-2015)**

1、Description

1) Data content: Vector data of urban built-up areas in 65 countries of the pan-third pole region from 1992 to 2015.
2) Data source and processing method: Based on the global land cover data of the 300-meter resolution of the ESA JCR from 1992 to 2015, we integrated the global urban land use data of Gong Peng, Liu Xiaoping and Chen Jun to obtained a correction data set.
3) Data quality description: The accuracy of data in 65 countries is about 75%, and there may be differences in data accuracy in different regions.
4) Data application results and prospects: It can be used for urbanization related research in 65 countries in the Pan-Third region, such as urban land expansion analysis and future scenario simulation.

2、Keywords

Theme：Land Resources
Discipline：Human-nature Relationship
Places：Pan-Third Pole
Time：1992-2015

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：5420.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：77.0 | - |
| west：178.0 | - | east：178.0 |
| - | south：11.0 | - |

5、Time frame:1992-01-06 08:00:00+00:00--2016-01-05 08:00:00+00:00

6、Reference method

References to data:

LI Guangdong. Spatial distribution data of urban land use in Pan-Third Pole region (1992-2015). 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: LI Guangdong
unit: Institute of geographic sciences and natural resources research
email: ligd@igsnrr.ac.cn