A Big Earth Data Platform for Three Poles

**Urbanization rate of the key areas along One Belt One Road (2015)**

1、Description

The urbanization rate data of 34 key areas along the One Belt One Road are downscaled from coarse data. First, we collect the urbanization rate statistical data at the national or provincial scales, and use GIS spatial analysis methods to analyze the relationship between urbanization rate and covariables (e.g.,night lighting NPP-VIIRS). The spatial regression analysis method is used to model relationship between the urbanization rate data and covariables, and then the county-level urbanization rate data were downscaled and predicted. Based on statistical data and spatial analysis, it is finally integrated into urbanization rate data. The data can provide important basic data for the development of social and economic research on key area and regions along the Belt and Road.

2、Keywords

Theme：Division,City pattern
Discipline：Human-nature Relationship
Places：Important nodes in the One Belt And One Road region
Time：2015

3、Data details

1.Scale：None

2.Projection：

3.Filesize：6.82MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：58.0 | - |
| west：-2.0 | - | east：107.0 |
| - | south：-6.0 | - |

5、Time frame:2014-12-31 16:00:00+00:00--2015-12-30 16:00:00+00:00

6、Reference method

References to data:

GE Yong, LING Feng. Urbanization rate of the key areas along One Belt One Road (2015). A Big Earth Data Platform for Three Poles, 2020

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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