A Big Earth Data Platform for Three Poles

**Restrictive classification/zoning dataset of land resource carrying capacity of countries along the Belt and Road**

1、Description

The dataset of restrictive classification/zoning of land resource carrying capacity of countries along the “Belt and Road” includes:
1. Restrictive classification/zoning data of land resource carrying capacity based on human-food balance;
2. Restrictive classification/zoning data of land resource carrying capacity based on equivalent balance, divided into two categories based on heat supply and demand balance and protein supply and demand.
Source：Obtained using FAO food production/consumption data and land resource carrying capacity model.
Data application：Based on this data, the human-land relationship of the countries along the route can be judged from cultivated land resources to land resources, providing scientific guidance and decision-making basis for optimizing the allocation of regional functions and improving the spatial layout of construction.

2、Keywords

Theme：Land Resources,Land resources carrying capacity
Discipline：Human-nature Relationship
Places：Belt and Road Region
Time：2015

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：17.3MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：85.0 | - |
| west：180.0 | - | east：10.0 |
| - | south：-15.0 | - |

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:

YANG Yanzhao. Restrictive classification/zoning dataset of land resource carrying capacity of countries along the Belt and Road. A Big Earth Data Platform for Three Poles, doi:10.11888/Socioeco.tpdc.2710112020

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: YANG Yanzhao
unit:
email: yangyz@igsnrr.ac.cn