A Big Earth Data Platform for Three Poles

**Fertilizer consumption of countries along the Belt and Road(2002-2016)**

1、Description

The data set recorded one belt, one road, 2002-2016 years' fertilizer and pesticide consumption data in 65 countries. Fertilizer and pesticide consumption refers to the amount of plant nutrients and pesticides consumed per unit of cultivated land. Fertilizer products include nitrogen, potassium and phosphate (including phosphate rock powder), and traditional nutrients animal and plant fertilizers are not included. Data source: Food and Agriculture Organization, electronic files and web site. Fertilizer and pesticide are the main sources of agricultural chemical pollution, which pose a serious threat to the agricultural ecological environment and the sustainable development of agricultural economy. The data set reflects one belt, one road, along the line of fertilizer and pesticide use, and can provide data support for the research on agricultural ecological environment and other related research.  
The data set contains two data tables: fertilizer consumption (kg / ha of cultivated land) and pesticide consumption (kg / ha of cultivated land).

2、Keywords

Theme：Fertilizer,Environment Pollution and Control  
Discipline：Human-nature Relationship  
Places：Countries along the “Belt and Road”  
Time：2002-2016

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.04MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：56.0 | - |
| west：4.0 | - | east：121.0 |
| - | south：6.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

XU Xinliang. Fertilizer consumption of countries along the Belt and Road(2002-2016). A Big Earth Data Platform for Three Poles, 2019

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: XU Xinliang  
unit: Institute of Geographical Sciences and Natural Resource Research, CAS  
email: xuxl@lreis.ac.cn