A Big Earth Data Platform for Three Poles

**Carbon dioxide emissions in countries along One Belt One Road (1960-2014)**

1、Description

The data set records the carbon dioxide emissions of 1960-2014 countries along 65 countries along the belt and road.Carbon dioxide emissions are those stemming from the burning of fossil fuels and the manufacture of cement. They include carbon dioxide produced during consumption of solid, liquid, and gas fuels and gas flaring.Data source:Carbon Dioxide Information Analysis Center, Environmental Sciences Division, Oak Ridge National Laboratory, Tennessee, United States.The U.S. Department of Energy's Carbon Dioxide Information Analysis Center (CDIAC) calculates annual anthropogenic emissions from data on fossil fuel consumption (from the United Nations Statistics Division's World Energy Data Set) and world cement manufacturing (from the U.S. Department of Interior's Geological Survey, USGS 2011).   
The dataset contains 2 tables: CO2 emissions(kt),CO2 emissions(metric tons per capita).

2、Keywords

Theme：Fossil fuel burning,Environment Pollution and Control  
Discipline：Human-nature Relationship  
Places：Countries along the 'Belt and Road'  
Time：1960-2014

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.09MB

4.Data format：None

4、Space scope

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

5、Time frame:1960-01-09 08:00:00+00:00--2015-01-08 19:59:59+00:00

6、Reference method

References to data:

XU Xinliang, Department of Energy Carbon Dioxide Information Analysis Center (CDIAC). Carbon dioxide emissions in countries along One Belt One Road (1960-2014). 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

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