A Big Earth Data Platform for Three Poles

**Emission inventory of Pan third pole solid domestic sources**

1、Description

1) The data include the emission information of various pollutants (CO2, Co, CH4, NOx, SO2, PM2.5, PM10) from Pan third pole solid civil sources. The data are sorted according to China and other pan third polar regions.
2) This data is based on the pan third pole emission inventory of solid civil sources, and the population data of 1km \* 1km (2017) provided by landscan is used for grid distribution.
3) The data format is shpfile format, which is grid emission data with high spatial resolution.
4) The data can provide data support for the study of pollutant emission in the pan third polar region.

2、Keywords

Theme：Contaminants,Environment Pollution and Control
Discipline：Atmosphere,Human-nature Relationship
Places：
Time：2017

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：336.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：55.5 | - |
| west：25.5 | - | east：109.6 |
| - | south：0.0 | - |

5、Time frame:2016-12-31 16:00:00+00:00--2017-12-30 16:00:00+00:00

6、Reference method

References to data:

WANG Shuxiao. Emission inventory of Pan third pole solid domestic sources. A Big Earth Data Platform for Three Poles, doi:10.11888/Meteoro.tpdc.2710202020

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: WANG Shuxiao
unit: Tsinghua University
email: shxwang@tsinghua.edu.cn