A Big Earth Data Platform for Three Poles

**Biomass burning emission inventory (2015)**

1、Description

It includes the emission of SO2, NOx, VOCs, NH3, OC, EC, CO2, CH4 and Hg from biomass burning source, which can provide data for understanding the emission situation of the third polar region and input data for model simulation. The basic data is based on data collection, satellite observation, literature and other methods. The emission inventory of 3km \* 3km biomass burning sources is established. The data in the work comes from the FAO, MODIS satellite data and scientific literature, and its quality can be guaranteed. The data can be used for further study of climate change and air quality in the third polar region.

2、Keywords

Theme：Atmospheric Quality  
Discipline：Atmosphere  
Places：China  
Time：2015

3、Data details

1.Scale：None

2.Projection：Lambert\_Conformal\_Conic

3.Filesize：194.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：56.0 | - |
| west：26.0 | - | east：102.0 |
| - | south：6.0 | - |

5、Time frame:2015-01-08 16:00:00+00:00--2016-01-08 03:59:59+00:00

6、Reference method

References to data:

FENG Xinbin, WANG Shuxiao. Biomass burning emission inventory (2015). A Big Earth Data Platform for Three Poles, doi:10.11888/Meteoro.tpdc.2704442020

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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