A Big Earth Data Platform for Three Poles

**Global ecosystem respiration monthly data obtained by CNRM-CM6-1 Mode of CMIP6 （1850-2014）**

1、Description

The data set is the global ecosystem respiratory data, including the ecosystem autotrophic respiration (Ra) and heterotrophic respiration (Rh). It was obtained by the CNRM-CM6-1 mode simulation of CMIP6 under the Historical scenario. The time range of the data covers from 1850 to 2014, the time resolution is a month, and the spatial resolution is about 1.406°×1.389°. For the simulated data details, please go to the following link: http://www.umr-cnrm.fr/cmip6/spip.php?article11.

2、Keywords

Theme：Vegetation,Heterotrophic respiration,Autotrophic respiration  
Discipline：Terrestrial Surface  
Places：globe  
Time：1850-2014

3、Data details

1.Scale：None

2.Projection：

3.Filesize：139.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：90.0 | - |
| west：-180.0 | - | east：180.0 |
| - | south：-90.0 | - |

5、Time frame:1850-01-09 02:16:55+00:00--2015-01-08 00:00:00+00:00

6、Reference method

References to data:

Program for Climate Model Diagnosis and Intercomparison (PCMDI). Global ecosystem respiration monthly data obtained by CNRM-CM6-1 Mode of CMIP6 （1850-2014）. A Big Earth Data Platform for Three Poles, 2019

References to articles:

7、Supporting project information

CASEarth:Big Earth Data for Three Poles（grant No. XDA19070000）

8、Data resource provider

name: Program for Climate Model Diagnosis and Intercomparison (PCMDI)  
unit: Program for Climate Model Diagnosis and Intercomparison (PCMDI)  
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