A Big Earth Data Platform for Three Poles

**Photosynthetically active radiation absorption coefficient dataset in Qinghai Tibet Plateau (2000-2015)**

1、Description

Photosynthetic effective radiation absorption coefficient photosynthetically active radiation component is an important biophysical parameter. It is an important land characteristic parameter of ecosystem function model, crop growth model, net primary productivity model, atmosphere model, biogeochemical model and ecological model, and is an ideal parameter for estimating vegetation biomass.  
The data set contains the data of photosynthetically active radiation absorption coefficient in Qinghai Tibet Plateau, with spatial resolution of 500m, temporal resolution of 8D, and time coverage of 2000, 2005, 2010 and 2015. The data source is MODIS Lai / FPAR product data mod15a2h (C6) on NASA website.  
The data are of great significance to the analysis of vegetation ecological environment in the Qinghai Tibet Plateau.

2、Keywords

Theme：Atmospheric remote sensing products,Radiation,Solar radiation,Atmosphere Remote Sensing  
Discipline：Atmosphere  
Places：Tibetan Plateau  
Time：2015, 2005, 2000, 2010

3、Data details

1.Scale：None

2.Projection：

3.Filesize：881.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.02 | - |
| west：73.44 | - | east：104.38 |
| - | south：25.99 | - |

5、Time frame:None--None

6、Reference method

References to data:

FANG Huajun, Ranga Myneni. Photosynthetically active radiation absorption coefficient dataset in Qinghai Tibet Plateau (2000-2015). 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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