A Big Earth Data Platform for Three Poles

**MODIS 0.05 NDVI of global (2011-2016)**

1、Description

The NDVI data set is the sixth version of the MODIS Normalized Difference Vegetation Index product (2001-2016) jointly released by NASA EOSDIS LP DAAC and the US Geological Survey (USGS EROS). The product has a temporal resolution of 16 days and a spatial resolution of 0.05 degrees. This version is a Climate Modeling Grid (CMG) data product generated from the original NDVI product (MYD13A2) with a resolution of 1 kilometer.
Please indicate the source of these data as follows in acknowledgments: The MOD13C NDVI product was retrieved online courtesy of the NASA EOSDIS Land Processes Distributed Active Archive Center (LP DAAC), USGS/Earth Resources Observation and Science (EROS) Center, Sioux Falls, South Dakota, The [PRODUCT] was (were) retrieved from the online [TOOL], courtesy of the NASA EOSDIS Land Processes Distributed Active Archive Center (LP DAAC), USGS/Earth Resources Observation and Science (EROS) Center, Sioux Falls, South Dakota.

2、Keywords

Theme：vegetation index,Vegetation,Ecological remote sensing products,Terrestrial Surface Remote Sensing
Discipline：Terrestrial Surface
Places：globe
Time：2001-2016

3、Data details

1.Scale：250000

2.Projection：

3.Filesize：36.43MB

4.Data format：netcdf

4、Space scope

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

5、Time frame:2001-01-24 16:00:00+00:00--2017-01-23 16:00:00+00:00

6、Reference method

References to data:

NASA. 全球0.05度MODIS均一化植被指数（2001-2016）. A Big Earth Data Platform for Three Poles, 2018

References to articles:

7、Supporting project information

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

8、Data resource provider

name: NASA
unit: Goddard Space Flight Center
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