A Big Earth Data Platform for Three Poles

**Dataset of growing season average NDVI changing trends in Three River Source National Park (2000-2018)**

1、Description

Based on the average NDVI (spatial resolution 250m) of MODIS during the growing season from 2000 to 2018, the trend of NDVI was calculated by using Mann-Kendall trend detection method. Three parks of Three River Source National Park are calculated (CJYQ: Yangtze River Park; HHYYQ: Yellow River Park; LCJYQ: Lancang River Park). CJYQ\_NDVI\_trend\_2000\_2018\_ok.tif: Changjiang Source Park NDVI trend. CJYQ\_NDVI\_trend\_2000\_2018\_ok\_significant.tif: Changjiang Source Park NDVI change trend, excluding the area that is not significant (p > 0.05). CJYYQ\_gs\_avg\_NDVI\_2000.tif: The average NDVI of the Yangtze River Source Park in 2000 growing season. Unit NDVI changes every year.

2、Keywords

Theme：Vegetation,Net primary productivity,Vegetation dynamics
Discipline：Terrestrial Surface
Places：Tibetan Plateau, Three-River-Source National Park, Three Rivers Source
Time：2000, 2000-2018, 2018

3、Data details

1.Scale：None

2.Projection：

3.Filesize：455.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：37.38 | - |
| west：89.15 | - | east：102.58 |
| - | south：30.79 | - |

5、Time frame:2000-01-17 00:00:00+00:00--2019-01-16 00:00:00+00:00

6、Reference method

References to data:

WANG Xufeng. Dataset of growing season average NDVI changing trends in Three River Source National Park (2000-2018). A Big Earth Data Platform for Three Poles, doi:10.11888/Ecolo.tpdc.2704792019

References to articles:

7、Supporting project information

Ecological Data Center of Sanjiangyuan National Park

8、Data resource provider

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