A Big Earth Data Platform for Three Poles

**Net primary productivity data of Tibetan Plateau ecosystem (2015)**

1、Description

Net primary production (NPP) is the basic resource to maintain the life of human and heterotrophic organisms. It is the basic index to measure the structural characteristics and carrying capacity of ecosystem. In this study, the total primary production (GPP) data of 2015 based on the vegetation photosynthesis model (VPM) was used to calculate the NPP data by calculating the ratio of autotrophic respiration. The data can be used to analyze the spatial pattern of vegetation productivity in the Qinghai Tibet Plateau, which is of great significance to the ecological protection of the Qinghai Tibet Plateau.

2、Keywords

Theme：Biological Resources
Discipline：Human-nature Relationship
Places：QT Plateau
Time：2015

3、Data details

1.Scale：10000000

2.Projection：

3.Filesize：90.84MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.46 | - |
| west：73.18 | - | east：104.46 |
| - | south：26.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

YAN Huiming. Net primary productivity data of Tibetan Plateau ecosystem (2015). A Big Earth Data Platform for Three Poles, 2021

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program
Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

name: YAN Huiming
unit:
email: yanhm@igsnrr.ac.cn