A Big Earth Data Platform for Three Poles

**Carbon storage data of grassland vegetation in Qinghai Tibet Plateau (1980-1995, 2005-2006)**

1、Description

1) Data content
It includes the observation year, longitude and latitude, ecosystem type, annual rainfall, drought index, annual net primary productivity, aboveground biomass, underground biomass and other data.
2) Data sources
One part is from literature (1980-1995), the other part is from field sampling (2005-2006).
3) Data quality description
The data has a long observation year, a large time span, a wide coverage, and many indicators, which has high integrity and accuracy, and can meet the estimation of grassland carbon storage in the Qinghai Tibet Plateau.
4) Data application achievements and Prospects
It provides basic data for predicting the carbon source sink effect and realizing the sustainable development of ecosystem carbon in the future.

2、Keywords

Theme：Vegetation,Grassland,Earth SurFace Processes,Grassland,Net biome productivity,Above-ground biomass,Grassland
Discipline：Terrestrial Surface
Places：Qinghai-Tibet Plateau
Time：1972-2006

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.03MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：35.51 | - |
| west：85.06 | - | east：100.22 |
| - | south：28.89 | - |

5、Time frame:1971-12-31 16:00:00+00:00--2006-12-30 16:00:00+00:00

6、Reference method

References to data:

HU Zhongmin. Carbon storage data of grassland vegetation in Qinghai Tibet Plateau (1980-1995, 2005-2006). A Big Earth Data Platform for Three Poles, 2021

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

name: HU Zhongmin
unit:
email: huzm@m.scnu.edu.cn