A Big Earth Data Platform for Three Poles

**Soil carbon storage data of grassland in Qinghai Tibet Plateau (2009)**

1、Description

1) Data content
It includes the observation year, latitude and longitude, altitude, ecosystem type and soil layer (soc0-100 (kgcm-2); 0-100 represents soil layer), underground biomass content.
2) Data sources
This part of the data is obtained from the literature, specific literature sources refer to the documentation.
3) Data quality description
The data cover a wide range, including comprehensive indicators, showing the content of soil organic carbon under different soil layers, with high integrity and accuracy, which can meet the estimation of soil carbon storage of grassland in Qinghai Tibet Plateau.
4) Data application achievements and Prospects
It provides basic data for predicting the carbon source sink effect of soil and realizing the sustainable development of ecosystem carbon in the future.

2、Keywords

Theme：Pasture,Vegetation,Climate change,Biomass,Earth SurFace Processes,Carbon flux,Ecological attribute,Grassland,Net biome productivity,Carbon flux,Carbon budget,Grassland
Discipline：Terrestrial Surface
Places：Qinghai-Tibet Plateau
Time：2019

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.04MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：37.76 | - |
| west：78.85 | - | east：101.65 |
| - | south：31.17 | - |

5、Time frame:2008-12-31 16:00:00+00:00--2009-12-31 03:59:59+00:00

6、Reference method

References to data:

HU Zhongmin. Soil carbon storage data of grassland in Qinghai Tibet Plateau (2009). 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