A Big Earth Data Platform for Three Poles

**A dataset of above-ground biomass of forests on the Qinghai-Tibet Plateau (2015)**

1、Description

Aboveground biomass (AGB) is an important indicator for measuring ecosystem productivity.This dataset provides the forest aboveground biomass with a resolution of 30m in the Qinghai-Tibet Plateau from 1970s-2022. The biomass data is estimated using Landsat series data, based on actual ground data and some literature data, tree height data, and forest types including coniferous forest, broad-leaved forest and mixed forest.Through data disclosure and free download services, it provides basic data support for related research on the dynamic changes of forest ecosystems on the Qinghai-Tibet Plateau, and also provides a scientific basis for sustainable forest management in this region.

2、Keywords

Theme：Desert  
Discipline：Terrestrial Surface,Remote Sensing Technology  
Places：Qinghai Tibet Plateau  
Time：2015

3、Data details

1.Scale：None

2.Projection：Albers

3.Filesize：13312.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.89 | - |
| west：86.37 | - | east：106.86 |
| - | south：22.94 | - |

5、Time frame:2014-12-31 16:00:00+00:00--2015-12-30 16:00:00+00:00

6、Reference method

References to data:

ZHANG Xiaomei. A dataset of above-ground biomass of forests on the Qinghai-Tibet Plateau (2015). A Big Earth Data Platform for Three Poles, doi:10.11888/Ecolo.tpdc.2715272021

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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