A Big Earth Data Platform for Three Poles

**30m resolution burned area products over the Tibetan Plateau (1980s-2019)**

1、Description

The dataset is the 30m resolution burned area product from 1980s to 2019 over the Tibetan Plateau. The dataset is produced using Landsat time series land surface reflectance and machine learning algorithm, and the overall accuracy is over 90%. It can provide data product support for the research and applications in fire monitoring, carbon emission studies, ecological environment monitoring, global change research and other fields.

2、Keywords

Theme：Desert
Discipline：Terrestrial Surface,Remote Sensing Technology
Places：Qinghai Tibet Plateau
Time：1980s-2019

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：4311.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.4 | - |
| west：73.4 | - | east：106.7 |
| - | south：24.6 | - |

5、Time frame:1980-03-31 16:00:00+00:00--2019-12-31 03:59:59+00:00

6、Reference method

References to data:

ZHANG Zhaoming. 30m resolution burned area products over the Tibetan Plateau (1980s-2019). A Big Earth Data Platform for Three Poles, doi:10.11888/Ecolo.tpdc.2715282021

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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