A Big Earth Data Platform for Three Poles

**Topographic data of Qinghai Tibet Plateau (2021)**

1、Description

This database includes slope, aspect and digital elevation model (DEM) data of Qinghai Tibet Plateau. The data comes from the 30m \* 30m resolution numerical elevation model data downloaded from the geospatial data cloud website. Using the surface analysis function of ArcGIS software, the slope and aspect information of the Qinghai Tibet Plateau are extracted. The data has been rechecked and reviewed by many people, and its data integrity, position accuracy and attribute accuracy meet the standards, with excellent and reliable quality. As one of the engineering geological conditions, this data is the basic data for the research on the development law of major engineering disturbance disasters and major natural disasters in the Qinghai Tibet Plateau and the analysis of susceptibility, risk and risk.

2、Keywords

Theme：Engineering Geology,Topography  
Discipline：Solid earth  
Places：Tibetan Plateau  
Time：2021

3、Data details

1.Scale：None

2.Projection：GCS\_China\_Geodetic\_Coordinate\_System\_2000

3.Filesize：6932.48MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：45.33 | - |
| west：71.2 | - | east：106.65 |
| - | south：20.975 | - |

5、Time frame:None--None

6、Reference method

References to data:

QI Shengwen. Topographic data of Qinghai Tibet Plateau (2021). A Big Earth Data Platform for Three Poles, doi:10.11888/SolidEar.tpdc.2722102022

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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