A Big Earth Data Platform for Three Poles

**Topographic relief and suitability evaluation data set of Qinghai Tibet Plateau**

1、Description

Topographic relief is a comprehensive representation of regional altitude and surface cutting degree. Based on the definition and calculation formula of topographic relief under the background of China's human settlements assessment, the digital elevation model (Aster GDEM 30 m) data is resampled into 1 km, The data set includes: (1) kilometer grid spatial data of Tibetan Plateau topographic relief（ 2) Terrain suitability evaluation data of Qinghai Tibet Plateau. The data can be used to analyze the spatial difference of topographic relief of the Qinghai Tibet Plateau, which is of great significance to the study of human settlements and Natural Suitability of the Qinghai Tibet Plateau.

2、Keywords

Theme：Population,Land Resources,Environment Pollution and Control  
Discipline：Human-nature Relationship  
Places：Tibetan Plateau  
Time：2011

3、Data details

1.Scale：None

2.Projection：

3.Filesize：29.5MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.46 | - |
| west：73.18 | - | east：104.46 |
| - | south：26.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

LI Peng, XIAO Chiwei. Topographic relief and suitability evaluation data set of Qinghai Tibet Plateau. A Big Earth Data Platform for Three Poles, 2021

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program  
Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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