A Big Earth Data Platform for Three Poles

**Dataset of river basins map over the TP（2016）**

1、Description

The data set was produced based on the SRTM DEM data collected by Space Shuttle Radar terrain mission in 2016, the reference data such as river, lake and other water system auxiliary data , using the arcgis hydrological model to analyze and extract the river network. There are 12 sub-basins over the Tibet Plateau, including AmuDayra、Brahmaputra、Ganges、Hexi、Indus、Inner、Mekong、Qaidam、Salween、Tarim、Yangtze、Yellow.  
The outer boundary is based on the 2500-metre contour line and national boundaries.

2、Keywords

Theme：Division,River basin regional  
Discipline：Human-nature Relationship  
Places：Tibetan Plateau  
Time：2016

3、Data details

1.Scale：None

2.Projection：

3.Filesize：4.88MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：44.0 | - |
| west：66.0 | - | east：106.0 |
| - | south：23.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

ZHANG Guoqing. Dataset of river basins map over the TP（2016）. A Big Earth Data Platform for Three Poles, doi:10.11888/BaseGeography.tpe.249465.file2019

References to articles:

Zhang, G.Q., Yao, T.D., Xie, H.J., Kang, S.C., &Lei, Y.B. (2013). Increased mass over the Tibetan Plateau: From lakes or glaciers? Geophysical Research Letters, 40(10), 2125-2130.

7、Supporting project information

8、Data resource provider

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