A Big Earth Data Platform for Three Poles

**Temporal and spatial matching pattern data and maps of water and soil resources on Tibetan Plateau (resolution 1km) (2008-2015)**

1、Description

The Tibetan Plateau in China covers six provinces including Tibet, Qinghai, Xinjiang, Yunnan, Gansu and Sichuan, including Tibet and Qinghai, as well as parts of Xinjiang, Yunnan, Gansu and Sichuan. The research on water and soil resources matching aims to reveal the equilibrium and abundance of water resources and land resources in a certain regional scale. The higher the level of consistency between regional water resources and the allocation of cultivated land resources, the higher the matching degree, and the superior the basic conditions of agricultural production. The general agricultural water resource measurement method based on the unit area of cultivated land is used to reflect the quantitative relationship between the water supply of agricultural production in the study area and the spatial suitability of cultivated land resources.
The Excel file of the data set contains the generalized agricultural soil and water resource matching coefficient data of the Tibetan Plateau municipal administrative region in China from 2008 to 2015, the vector data is the boundary data of the Tibetan Plateau municipal administrative region in China in 2004, and the raster data pixel value is the generalized agricultural soil and water resource matching coefficient of the year in the region.

2、Keywords

Theme：Aquatic product,Agricultural Resources,Land Resources,Water Resources
Discipline：Human-nature Relationship
Places：Tibetan Plateau
Time：2008-2015

3、Data details

1.Scale：None

2.Projection：

3.Filesize：1.633MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.0 | - |
| west：73.0 | - | east：104.0 |
| - | south：28.0 | - |

5、Time frame:2008-01-15 00:00:00+00:00--2016-01-14 00:00:00+00:00

6、Reference method

References to data:

DONG Qianjin, DONG Lingxiao. Temporal and spatial matching pattern data and maps of water and soil resources on Tibetan Plateau (resolution 1km) (2008-2015). A Big Earth Data Platform for Three Poles, 2019

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

8、Data resource provider

name: DONG Qianjin
unit: Wuhan University
email: 1225969012@lqq.com.cn

name: DONG Lingxiao
unit: Wuhan University
email: 1225969012@lqq.com.cn