A Big Earth Data Platform for Three Poles

**Spatial distribution map of marsh in the source region of the Yellow River on the Qinghai-Tibet Plateau (2013)**

1、Description

This dataset is the spatial distribution map of the marshes in the source region of the Yellow River near the Zaling Lake-Eling Lake, covering an area of about 21,000 square kilometers. The data set is classified by the Landsat 8 image through an expert decision tree and corrected by manual visual interpretation. The spatial resolution of the image is 30 m, using the WGS 1984 UTM projected coordinate system, and the data format is grid format. The image is divided into five types of land, the land type 1 is “water body”, the land type 2 is “high-cover vegetation”, the land type 3 is “naked land”, and the land type 4 is “low-cover vegetation”, and the land type 5 is For "marsh", low-coverage vegetation and high-coverage vegetation are distinguished by vegetation coverage. The threshold is 0.1 to 0.4 for low-cover vegetation and 0.4 to 1 for high-cover vegetation.

2、Keywords

Theme：Land Use/Land Cover,Wetland
Discipline：Terrestrial Surface
Places：Tibetan Plateau, the source region of the Yellow River
Time：2013

3、Data details

1.Scale：None

2.Projection：UTM

3.Filesize：8.61MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：35.49 | - |
| west：95.88 | - | east：98.38 |
| - | south：33.93 | - |

5、Time frame:None--None

6、Reference method

References to data:

WANG Guangjun. Spatial distribution map of marsh in the source region of the Yellow River on the Qinghai-Tibet Plateau (2013). 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

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