A Big Earth Data Platform for Three Poles

**A dataset of land use and land cover in the Aral Sea Basin (2000-2020)**

1、Description

(1) Data content: the data set includes the land use of the Aral Sea basin from 2000 to 2020; (2) Data source and processing method: the data set is from the land cover map of the European Space Agency's climate change initiative（ http://maps.elie.ucl.ac.be/CCI ）On this basis, the boundary data of the Aral Sea basin are masked to extract the land use of the Aral Sea basin. At the same time, the original secondary data are combined into primary data including 7 land use types according to certain rules. The coordinate system is wgs-1984; (3) Data quality description: according to the existing research, the overall accuracy of the data set reaches 80%; (4) The data set can provide basic data support for ecological protection and environmental assessment, and can also be used as the original data of land use simulation.

2、Keywords

Theme：Land Use/Land Cover,Land use change,Land cover change  
Discipline：Terrestrial Surface  
Places：Aral Sea Basin  
Time：2019

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：38.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：47.12 | - |
| west：53.37 | - | east：78.21 |
| - | south：33.48 | - |

5、Time frame:1999-12-31 16:00:00+00:00--2020-12-31 03:59:59+00:00

6、Reference method

References to data:

LIU Tie. A dataset of land use and land cover in the Aral Sea Basin (2000-2020). 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

8、Data resource provider

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