Upper Yangtze River Scientific Data Center

**30m GlobeLand30 Land Cover Data Set in the Chengdu-Chongqing economic circle, China (2000, 2010, 2020)**

1、Description

The classified images used by GlobeLand30 data development are mainly 30m multispectral images, including the TM5, ETM+, OLI multispectral images of Landsat and the HJ-1 multispectral images of China Environmental Disaster Reduction Satellite (HJ-1). The 2020 version also uses the 16m resolution GF-1 multispectral images. It uses WGS-84 coordinate system and includes 10 primary types, including cultivated land, forest land, grassland, shrubland, wetland, water body, tundra, artificial surface, bare land, glacier and permanent snow. The overall accuracy of GlobeLand30 V2010 data is 83.50%, and Kappa coefficient is 0.78; The overall accuracy of V2020 data is 85.72%, and Kappa coefficient is 0.82.

2、Keywords

Theme：Land Use/Land Cover  
Discipline：Terrestrial Surface  
Places：the Chengdu-Chongqing economic circle  
Time：2000，2010，2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：60.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：33.0 | - |
| west：101.0 | - | east：109.0 |
| - | south：27.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

CHEN Jun. 30m GlobeLand30 Land Cover Data Set in the Chengdu-Chongqing economic circle, China (2000, 2010, 2020). Upper Yangtze River Scientific Data Center, doi:10.1038/514434c2022

References to articles:

7、Supporting project information

8、Data resource provider

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