Upper Yangtze River Scientific Data Center

**10-m Resolution FROM\_GLC10 Global Land Cover (2017)**

1、Description

The data is the 2017 global land cover map (FROM-GLC10) based on Sentinel-2 data with a resolution of 10 meters. The data comes from Professor Gong Peng's research group of the Department of Earth System Science of Tsinghua University, which was published in the journal Science Bulletin in cooperation with a number of domestic and foreign organizations, Classification of Stable Surface Coverage of Limited Global Samples: Migration of 30 meter resolution samples in 2015, and Completion of 10 meter resolution global surface coverage mapping in 2017. The overall precision of the data after precision inspection is 72.76%, with high precision. High resolution global surface coverage information can better monitor the environment, thus safeguarding human health and achieving the United Nations sustainable development goals.

2、Keywords

Theme：Land cover,Terrestrial Surface Remote Sensing
Discipline：Terrestrial Surface
Places：1
Time：2017

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：0.01MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：90.0 | - |
| west：180.0 | - | east：180.0 |
| - | south：90.0 | - |

5、Time frame:2016-12-31 16:00:00+00:00--2017-12-30 16:00:00+00:00

6、Reference method

References to data:

GONG Peng. 10-m Resolution FROM\_GLC10 Global Land Cover (2017). Upper Yangtze River Scientific Data Center, doi:10.1016/j.scib.2019.03.0022022

References to articles:

7、Supporting project information

8、Data resource provider

name: GONG Peng
unit: Tsinghua University
email: penggong@tsinghua.edu.cn