Upper Yangtze River Scientific Data Center

**Data set of 0.05 ° MODIS surface coverage climate model grid product (MCD12C1\_V06) in the upper reaches of the Yangtze River, China (2016-2020)**

1、Description

Terra and Aqua's Medium Resolution Imaging Spectroradiometer (MODIS) Land Cover Climate Simulation Grid (CMG) (MCD12C1) Version 6 data product provides a tiled MCD12Q1 Version 6 data product with spatial aggregation and re projection versions. The maps of the International Geosphere Biosphere Program (IGBP), the University of Maryland (UMD) and the Leaf Area Index (LAI) classification scheme are provided year by year with a spatial resolution of 0.05 ° (5600 meters). The classification value of MCD12C1 products ranges from 0-16, and there are 17 land types in total.

2、Keywords

Theme：Land Use/Land Cover  
Discipline：Terrestrial Surface  
Places：1  
Time：1

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.542MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：36.5 | - |
| west：89.0 | - | east：112.5 |
| - | south：20.5 | - |

5、Time frame:None--None

6、Reference method

References to data:

NASA NASA . Data set of 0.05 ° MODIS surface coverage climate model grid product (MCD12C1\_V06) in the upper reaches of the Yangtze River, China (2016-2020). Upper Yangtze River Scientific Data Center, doi:https://doi.org/10.5067/MODIS/MCD12C1.0062022

References to articles:

7、Supporting project information

8、Data resource provider

name: NASA NASA   
unit: Land Processes Distributed Active Archive Center  
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