Upper Yangtze River Scientific Data Center

**MCD15A3H v061 500m LAI data in the upper reaches of the Yangtze River and southwest China (2002-2021)**

1、Description

The MCD15A3H version 6.1 medium resolution imaging spectrometer (MODIS) level 4, combined fraction of photosynthetically active radiation (FPAR) and leaf area index (LAI) products are a 4-day composite dataset with a pixel size of 500 meters. The algorithm selects the best pixel available from all the acquisition of MODIS sensors on NASA's Terra and Aqua satellites within 4 days. LAI is defined as one-sided green leaf area per unit area in broad-leaved tree crown and one-half of total coniferous surface area per unit area in coniferous tree crown.

2、Keywords

Theme：Remote Sensing Technology,Terrestrial Surface Remote Sensing  
Discipline：Terrestrial Surface,Remote Sensing Technology  
Places：1, Southwest China  
Time：2002-07-04 to 2022-09-10

3、Data details

1.Scale：None

2.Projection：UTM

3.Filesize：36659.0MB

4.Data format：None

4、Space scope

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

5、Time frame:2002-07-03 16:00:00+00:00--2022-09-10 03:59:59+00:00

6、Reference method

References to data:

NASA NASA . MCD15A3H v061 500m LAI data in the upper reaches of the Yangtze River and southwest China (2002-2021). Upper Yangtze River Scientific Data Center, 2022

References to articles:

7、Supporting project information

8、Data resource provider

name: NASA NASA   
unit: NASA  
email: gsfc-dl-help-disc@mail.nasa.gov