Upper Yangtze River Scientific Data Center

**25km Soil Moisture Data Set in Southwest China Based on Microwave Data Assimilation (2002-2011)**

1、Description

The Chinese soil moisture data set based on microwave data assimilation includes three layers of soil moisture data (0-5cm, 5-20cm, 20-100cm) from 2002 to 2011. The land surface assimilation system (ITPLDAS) developed by Yang et al. Root mean square error of soil moisture: 5% VWC (assessment accuracy in Naqu and Maqu of Qinghai Tibet Plateau).

2、Keywords

Theme：Soil,Soil moisture,Terrestrial Surface Remote Sensing  
Discipline：Terrestrial Surface  
Places：Southwest China, China  
Time：2002-2011

3、Data details

1.Scale：None

2.Projection：

3.Filesize：1800.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：35.0 | - |
| west：96.0 | - | east：113.0 |
| - | south：20.5 | - |

5、Time frame:None--None

6、Reference method

References to data:

YANG Kun. 25km Soil Moisture Data Set in Southwest China Based on Microwave Data Assimilation (2002-2011). Upper Yangtze River Scientific Data Center, 2022

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7、Supporting project information

8、Data resource provider

name: YANG Kun  
unit: Institute of Tibetan Plateau Research, Chinese Academy of Sciences  
email: yangk@itpcas.ac.cn