Upper Yangtze River Scientific Data Center

**ALOS PALSAR-2 spliced data of 25 meters in the upper reaches of the Yangtze River in China (2016-2021)**

1、Description

PALSAR splicing data products are combined by the long path of SAR backscatter images observed through JAXA's global basic observation program for PALSAR and PALSAR-2. It is provided in the form of Gamma-0 backscatter, and its geographic coordinate is 0.8 seconds (about 25 meters at the equator). The time interval is annual. The patched data of PALSAR-2 can be used for the period 2015-2021, and the patched data of PALSAR can be used for 2007-2010. Through data filtering, data clipping and other operations, the data of ALOS PALSAR-2 polarized by HH and HV in the middle and upper reaches of the Yangtze River were obtained. It can be used in the research of P-band microwave application.

2、Keywords

Theme：Remote Sensing Technology,radiation sensor
Discipline：Remote Sensing Technology
Places：Middle and upper Yangtze River
Time：2016-2021

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：372736.0MB

4.Data format：None

4、Space scope

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

5、Time frame:2015-12-31 16:00:00+00:00--2021-12-30 16:00:00+00:00

6、Reference method

References to data:

SCIENCE PROJECT ALOS-2/ALOS . ALOS PALSAR-2 spliced data of 25 meters in the upper reaches of the Yangtze River in China (2016-2021). Upper Yangtze River Scientific Data Center, 2022

References to articles:

7、Supporting project information

8、Data resource provider

name: SCIENCE PROJECT ALOS-2/ALOS
unit: Earth Observation Research Center (EORC)
email: aprojectjaxa.jp

name: SCIENCE PROJECT ALOS-2/ALOS
unit: Japan Aerospace Exploration Agency (JAXA)
email: aprojectjaxa.jp