



DIAS_Satellite_JERS1_SAR dataset

1. IDENTIFICATION INFORMATION

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|---------------------|--|
| Name | DIAS_Satellite_JERS1_SAR dataset |
| Metadata Identifier | DIAS_Satellite_JERS1_SAR20230727091031-DIAS20221121113753-en |

2. CONTACT

2.1 CONTACT on DATASET

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2.2 CONTACT on PROJECT

2.2.1 Data Integration and Analysis System

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3. DOCUMENT AUTHOR

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5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

revision : 2016-01-22

7. DATASET OVERVIEW

7.1 Abstract

Three scale-types of datasets observed by new generation of remote sensing satellites (including TERRA, AQUA, ADEOS-II) in addition to TRMM and DMSP series, which were providing enhancement of observing capabilities to quantify critical atmospheric, surface, hydrologic and oceanographic data during CEOP time periods are available. 250 km square snapshots of the highest resolution raw radiances (with geographic location, i.e. level 1) remote sensing data at the 35-51 in situ reference sites are archived.

■Satellite

JERS-1 :

FUYO-1(JERS-1) is an earth observation satellite whose primary objective is to gather data on global land masses while conducting observation for land surveys, agricultural-forestry-fisheries, environmental protection, disaster prevention and coastal surveillance, with emphasis on locating natural resources. In order to optimize accuracy in measurements, JERS-1 was equipped with SAR (Synthetic Aperture Radar), which is an active microwave sensor, and OPS, an optical sensor that measures light reflected from the earth's surface ranging from visible light to shortwave infrared light.

■Sensor

Synthetic Aperture Radar(SAR)

■Product level

L1

■Resolution

18m

■Product Area

Africa Volta river

7.2 Topic Category(ISO19139)

geoscientificInformation

7.3 Temporal Extent

| | |
|------------|------------|
| Begin Date | 1992-06-01 |
| End Date | 1998-10-12 |

7.4 Geographic Bounding Box

| | | |
|------------------------|-------|-----|
| North latitude | bound | 10 |
| West longitude | bound | -10 |
| Eastbound longitude | | 5 |
| South latitude | bound | 3 |

7.5 Grid

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

| Keyword Type | Keyword | Keyword thesaurus Name |
|--------------|---------|------------------------|
| theme | land | No_Dictionary |

7.7.2 Keywords on Project

7.7.2.1 Data Integration and Analysis System

| Keyword Type | Keyword | Keyword thesaurus Name |
|--------------|--|------------------------|
| theme | DIAS > Data Integration and Analysis System | No_Dictionary |

7.8 Online Resource

JERS-1 : http://www.jaxa.jp/projects/sat/jers1/index_j.html

7.9 Data Environmental Information

7.10 Distribution Information

| | | |
|------|---------|---------------|
| name | version | specification |
|------|---------|---------------|

8. DATA PROCESSING

9. DATA REMARKS

10. DATA POLICY

10.1 Data Policy by the Data Provider

10.2 Data Policy by the Project

10.2.1 Data Integration and Analysis System

If data provider does not have data policy, DIAS Terms of Service (<https://diasjp.net/en/terms/>) and DIAS Privacy Policy (<https://diasjp.net/en/privacy/>) apply.

If there is a conflict between DIAS Terms of Service and data provider's policy, the data provider's policy shall prevail.

11. LICENSE

12. DATA SOURCE ACKNOWLEDGEMENT

12.1 Acknowledge the Data Provider

12.2 Acknowledge the Project

12.2.1 Data Integration and Analysis System

If you plan to use this dataset for a conference presentation, paper, journal article, or report etc., please include acknowledgments referred to following examples. If the data provider describes examples of acknowledgments, include them as well.

” In this study, [Name of Dataset] provided by [Name of Data Provider] was utilized. This dataset was also collected and provided under the Data Integration and Analysis System (DIAS), which was developed and operated by a project supported by the Ministry of Education, Culture, Sports, Science and Technology. ”

13. REFERENCES