



DIAS satellite data CZCS Chlorophyll_a

1. IDENTIFICATION INFORMATION

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|---------------------|---|
| Name | DIAS satellite data CZCS Chlorophyll_a |
| Abbreviation | CZCS chl-a |
| DOI | doi:10.20783/DIAS.141 [https://doi.org/10.20783/DIAS.141] |
| Metadata Identifier | DIAS_Satellite_CZCS_Ch120230727062010-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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5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

publication : 2010-08-11

7. DATASET OVERVIEW

7.1 Abstract

The Coastal Zone Color Scanner Experiment (CZCS) was the first instrument devoted to the measurement of ocean color and flown on a spacecraft. CZCS was able to provide measurements of ocean color that could be reliably used to derive chlorophyll-a pigment concentration

7.2 Topic Category(ISO19139)

oceans

7.3 Temporal Extent

| | |
|--------------------------|------------|
| Begin Date | 1978-10-30 |
| End Date | 1986-06-22 |
| Temporal Characteristics | Daily |

7.4 Geographic Bounding Box

| | | |
|---------------------|-------|------|
| North latitude | bound | 90 |
| West longitude | bound | -180 |
| Eastbound longitude | | 180 |
| South latitude | bound | -90 |

7.5 Grid

| Dimension Name | Dimension (slice number of the dimension) | Size | Resolution Unit |
|----------------|---|------|-----------------|
| row | 4320 | | 9 (km) |
| column | 2160 | | 9 (km) |

7.6 Geographic Description

global

7.7 Keywords

7.7.1 Keywords on Dataset

| Keyword Type | Keyword | Keyword thesaurus Name |
|--------------|--|------------------------|
| theme | ocean color, phytoplankton, primary productivity | 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

: <http://oceancolor.gsfc.nasa.gov/CZCS/>

file download : <https://data.diasjp.net/dl/storages/filelist/dataset:141>

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