


DIAS satellite data SeaWiFS Chlorophyll_a

1. IDENTIFICATION INFORMATION

Name	DIAS satellite data SeaWiFS Chlorophyll_a
Abbreviation	SeaWiFS chl-a
DOI	doi:10.20783/DIAS.142 [https://doi.org/10.20783/DIAS.142]
Metadata Identifier	DIAS_Satellite_SeaWiFS_Ch120230727062047-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 : 2010-08-12

7. DATASET OVERVIEW

7.1 Abstract

The Sea-viewing Wide Field-of-view Sensor (SeaWiFS) provides us quantitative data on global ocean bio-optical properties. The concentration of microscopic marine plants, called phytoplankton, can be derived from satellite observation and quantification of ocean color. SeaWiFS operates as a follow-on sensor to the Coastal Zone Color Scanner (CZCS), which ceased operations in 1986.

7.2 Topic Category(ISO19139)

oceans

7.3 Temporal Extent

Begin Date	1997-09-04
End Date	2009-12-31
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 Size (slice number of the dimension)	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 production	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/SeaWiFS/>

file download : <https://data.diasjp.net/dl/storages/filelist/dataset:142>

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification
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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