



# DIAS satellite data Aqua/MODIS chl-a

## 1. IDENTIFICATION INFORMATION

Name	DIAS satellite data Aqua/MODIS chl-a
Abbreviation	Aqua/MODIS chl-a
DOI	doi:10.20783/DIAS.145 [ <a href="https://doi.org/10.20783/DIAS.145">https://doi.org/10.20783/DIAS.145</a> ]
Metadata Identifier	DIAS_Satellite_Aqua_MODIS_Ch120230727062243-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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## 4. DATASET CREATOR

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## 5. DATE OF THIS DOCUMENT

2023-07-27

## 6. DATE OF DATASET

publication : 2010-09-02

## 7. DATASET OVERVIEW

### 7.1 Abstract

MODIS (Moderate Resolution Imaging Spectroradiometer) is a key instrument aboard the Aqua (EOS PM) satellite. Aqua/MODIS is viewing the entire Earth's surface every 1 to 2 days, acquiring data in 36 spectral bands. These products provides us global maps of the sea surface Chlorophyll\_a Pigment Concentration.

### 7.2 Topic Category(IS019139)

oceans

### 7.3 Temporal Extent

Begin Date	2002-07-04
End Date	2007-04-16
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

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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 &gt; Data Integration and Analysis System	No_Dictionary

## 7.8 Online Resource

: <http://modis.gsfc.nasa.gov/>

file download : <https://data.diasjp.net/dl/storages/filelist/dataset:145>

## 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.

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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