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## Density and Biomass of phytoplankton in Lake Candia (1986)

### 2. Dataset identifier

**LTER Europe site name:**

08 Southern Alpine Lakes

**Code:**

CNR\_IREA\_ISE-phyt\_candia\_ao\_1986

**Code space:**

LTER-Europe

### 3. Dataset creator and contact points

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Oggioni

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### 4. Metadata provider

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### 5. Metadata date

**Metadata date:**

Tue, 22/11/2011

## 6. Dataset publication date

**Publication Date:**  
Mon, 21/11/2011

## 7. Dataset language

**Resource language:**  
English  
Italian

## 8. Dataset abstract

**Abstract:**

The dataset covers the evolution of biomass and density of phytoplankton in Lake Candia for the year 1986. The sampling was carried out according to sampling classic centre of the lake, the point of maximum depth, using the tear-off bottle. Samples were collected every meter of depth and then integrated into a single rate of water, in order to obtain a sample between 0 and 6 m deep.

## 9. Dataset keyword set

**Keyword - ecosystem structure part:**

biotic

**Keyword - EnvThes:**

phytoplankton

bulk density

biomass

ecosystem ecology

Species distribution

Environmental monitoring facilities

lakes

C1.3 : Permanent eutrophic lakes, ponds and pools

C : Inland surface waters

**Thesaurus - EUNIS habitat type hierarchical view:**

[EUNIS habitat type hierarchical view](#) <sup>[4]</sup>

**Thesaurus - INSPIRE theme (INSPIRE Feature Concept Dictionary):**

[INSPIRE Feature Concept Dictionary 2008-12-05](#) <sup>[5]</sup>

**Keyword - any others:**

Lago di Candia

**Thesaurus name:**

Getty Thesaurus of Geographic Names;2010-01-13

## 10. Dataset access and use constraints

**Principal and granted permission type:**

Free upon request

Free

Public

EnvEurope (LTER-Europe)

## 11. Dataset intellectual rights

**Intellectual rights :**

Co-authorship on publications resulting from use of the dataset

## 12. Dataset online distribution

**Resource locator:**<http://enveurope.geocatalogue.ise.cnr.it/europe/ttp%3A%252Fsos.ise.cnr.it/sos?r...> [6]<http://sos.ise.cnr.it/sos?service=SOS&request=GetCapabilities> [7][http://10.12.150.11/svn/enveurope/branches/A1\\_DataManagement/Metadata/EML2INSPIR...](http://10.12.150.11/svn/enveurope/branches/A1_DataManagement/Metadata/EML2INSPIR...) [8]**Resource locator description :**

Sensor Observation Get Observation request

Sensor Observation Service Get Capabilities request

URI of the resource within the ISE institute subversion server

## 13. Dataset geographic bounding coordinates

**Geographic bounding box:**

## 14. Dataset geographic bounding altitudes or depths

**Altitude or depth minimum:**

220

**Altitude or depth maximum:**

226

## 15. Dataset temporal extent

**Range of the dates:**

Thu, 06/03/1986 - Wed, 17/12/1986

## 16. Dataset taxonomic rank name

**Taxonomic rank name:**

class  
species

## 17. Dataset taxonomic rank value

**Taxonomic rank value - class:**

Chrysophyceae

**Taxonomic rank value - species:**

Cryptomonas rostrata  
Dinobryon divergens  
Mallomonas akrokomos  
Mallomonas tonsurata  
Melosira varians  
Microcystis aeruginosa  
Pediastrum duple  
Rhabdogloea smithii  
Scenedesmus biyugatus  
Sphaerocystis schroeteri  
Staurastrum gracile  
Staurastrum lunatum  
Tetraedron minimum  
Tetraedron trigonum  
Woronichinia robusta  
Asterionella formosa  
Ceratium hirundinella  
Closterium acutum  
Closterium gracile  
Synedra acus

## 18. Dataset method description

**Method title:**

Water column sampling, different leves (depths) for phytoplankton  
Vegetation levees

**Method reference:**

<http://www.enveurope.eu/envthes/en/collections/methods> <sup>[9]</sup>

**Methods description:**

description to be filled

## 19. Dataset instrumentation description

**Instrumentation:**

Tear Bottle, year of production 1999, Model number: SJ900AXCD

## 20. Dataset sampling description

**Representative area of sampling - textual description:**

Each sample was collected at the point of maximum depth of the lake, incorporating identical aliquot of water taken between 0-2 m, 3 m, 4 m and between 5-6 m deep. The sampling frequency was every month. Further data acquiring process description

**Sampling frequency:**

seasonally

The EnvEurope geocatalogue has been developed as an extension of the First official release of the Drupal Metadata Editor provided by the US LTER Research Network stakeholders community. It has been made for LTER Europe stakeholders as one deliverable of the EnvEurope © 2010-2014 Life Environment Project LIFE08 ENV/IT/000339 with the funding contribution of the LIFE financial instrument of the European Community.



**Source URL (retrieved on 22 Nov 2011 - 16:44):** <http://enveurope.geocatalogue.ise.cnr.it/europe/node/33629>

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[4] <http://eunis.eea.europa.eu/habitats-code-browser.jsp>

[5] [http://www.eionet.europa.eu/gemet/inspire\\_themes?langcode=en](http://www.eionet.europa.eu/gemet/inspire_themes?langcode=en)

[6] [http://enveurope.geocatalogue.ise.cnr.it/europe/ttp%3A/%252Fsos.ise.cnr.it/sos?request=GetObservation&service=SOS&OFFERING=lake\\_level&observedproperty=urn:ogc:def:property:OGC:1.0.30:lake\\_level&version=1.0.0&RESPONSEFORMAT=text/xml;subtype=%22om/1.0.0%22](http://enveurope.geocatalogue.ise.cnr.it/europe/ttp%3A/%252Fsos.ise.cnr.it/sos?request=GetObservation&service=SOS&OFFERING=lake_level&observedproperty=urn:ogc:def:property:OGC:1.0.30:lake_level&version=1.0.0&RESPONSEFORMAT=text/xml;subtype=%22om/1.0.0%22)

[7] <http://sos.ise.cnr.it/sos?service=SOS&request=GetCapabilities>

[8] [http://10.12.150.11/svn/enveurope/branches/A1\\_DataManagement/Metadata/EML2INSPIRE/aoggoni.8.1\\_EML.xml](http://10.12.150.11/svn/enveurope/branches/A1_DataManagement/Metadata/EML2INSPIRE/aoggoni.8.1_EML.xml)

[9] <http://www.enveurope.eu/envthes/en/collections/methods>