



Metadata

French lakes - Phytoplankton database

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General information

name of the database:

full name of the database: *French lakes - Phytoplankton database*

type of database ([more information](#)): *species (taxonomic group) per site database including environmental information*

data type: *point data/observation data*

short description of the database/summary:

This database contains phytoplankton surveys in France from national monitoring. 3 or 4 campaigns per year and per lake with chlorophyll-a concentrations and specific composition are available.

science keywords according to [GCMD](#):

topic: *Terrestrial Hydrosphere*

keywords: *Phytoplankton, monitoring, chlorophyll-a*

ISO topic category according to [ISO 19115](#):

Biota, Environment, Inland Waters

Technical and administrative specifications

data format: *Access*
operating system: *Win XP*
current availability: *restricted access*
currently available through [GBIF](#): *no*
exchange planned: *no*
update level: *continuously updated*

documentation:

Do you plan to publish the data on the BioFresh data portal:

contact details:

metadata contact person:

first, last name: *Samuel Alleaume*
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technical contact person:

first, last name: *Samuel Alleaume*
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scientific contact person:

first, last name: *Christophe Laplace-Treyture*
email: *christophe.laplace-treyture@cemagref.fr*

comments:

*[Metadata were harvested from the WISER metadatabase
(<http://www.wiser.eu/results/meta-database/details.php?id1=68&id2=44>) by
the BioFresh team.]*

Intellectual property rights and citation

(if the database is already published):

database creator (data compiler):

contact name: *French ministry of Environment*

data contributors to/owners of this database:

single

criteria for using the data in a publication/scientific analysis:

Other/Additional criteria

Other/Additional criteria:

contact data holder for specifications

citation of this database:

title:

*http://www.wiser.eu - Water Bodies in Europe: Integrative Systems to assess Ecological status and Recovery (Version **).*

year:

year of access

version (if applicable):

version number from website

citation of the metadata:

General data specifications

regional coverage of the database:

scale of the database: *national*
continents: *Europe*

spatial extend (bounding coordinates):

southernmost latitude [°]: *51.211469*
northernmost latitude [°]: *42.197471*
westernmost longitude [°]: *-5.099609*
easternmost longitude [°]: *8.333984*
minimum altitude: *-4 meters*
maximum altitude: *4810 meters*
countries: *Europe: France*

Site specifications

coordinate system/grid data:

datum (e.g. WGS84): NTF

other site classification parameters:

perimeter, max depth, surface catchment area, volume

site coding:

alphanumerical

number of digits: 7

example: FRGL143

exact number of sites: 87

comments:

Some sites don't correspond to any GIG type.

geology mainly based on alkalinity >1== calcareous; <1== siliceous.

We will have more sites during this year (data of 2008) and 8 for AlpGIG, 5 for MedGIG and 26 for CBGIG.

Climate and environmental data

climate related data:

environmental data:

physico-chemistry data:

total P, ortho P, total dissolved P, nitrate, nitrite, total N, ammonium, hardness, alkalinity, water temperature, pH, conductivity, chlorophyll, colour, euphotic depth

comments:

Alcalinity is available only from lake characteristics (near one data per lake).

stressors influencing the sites:

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
eutrophication	no	no		TP

Biological data

biological data origin:

specify method:	<i>general compilation</i>
organism group addressed:	<i>National monitoring data</i>
	<i>phytoplankton</i>

Sample specifications/sample resolution

phytoplankton:

sample information:

covered timeframe:

year from - to: *2005 - 2008*

season: *spring, summer, autumn, winter*

taxonomic resolution: *genus, species*

percentage of species level data: *92*

taxonomic coding:

coding system: *SANDRE-code (national coding system)*

sample specifications: *quantitative (abundance data)*

specific sample location (e.g. littoral, profundal, transect, shoreline, hyporheic zone, etc.):

profundal (lakes)

Other specifications

availability of photos: *no*
availability of maps: *no*
quality control procedures: