



Metadata

Phytoplankton Monitoring Data from Poland

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Exported from the Freshwater Biodiversity Data Portal, <http://data.freshwaterbiodiversity.eu>
Visit the Freshwater Metadatabase, http://data.freshwaterbiodiversity.eu/metadb/about_metadata

General information

name of the dataset:

full name of the dataset: *Phytoplankton Monitoring Data from Poland*

type of dataset ([more information](#)): *others*

specify: *monitoring data*

short description of the dataset/summary:

Database consists of phytoplankton monitoring data from Poland.

science keywords according to [GCMD](#):

topic: *Biosphere, Biological Classification, Terrestrial Hydrosphere*

keywords: *Phytoplankton, monitoring data*

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

Biota, Environment, Inland Waters

Technical and administrative specifications

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

documentation:

Do you plan to publish the data on the Freshwater Biodiversity data portal:

contact details:

metadata contact person:

first, last name: *Agnieszka Pasztaleniec*
email: *paszta@ios.edu.pl*

technical contact person:

first, last name: *Agnieszka Pasztaleniec*
email: *paszta@ios.edu.pl*

scientific contact person:

first, last name: *Agnieszka Pasztaleniec*
email: *paszta@ios.edu.pl*

comments:

*[Metadata were harvested from the WISER metadatabase
(<http://www.wiser.eu/results/meta-database/details.php?id1=39&id2=65>) by
the BioFresh team.]*

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

contact name: *Main Inspectorate for Environmental Protection*

data contributors to/owners of this dataset:

single

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

Other/Additional criteria

other/additional criteria: *Data provider must be informed of publication 45 days in advance and can object to the use of the dataset within 30 days. Data must be publicly acknowledged and cited correctly.*

Data provider must also be offered co-authorship in publications where this dataset was used.

citation of this dataset:

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 dataset:

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

spatial extend (bounding coordinates):

southernmost latitude [°]: *48.985021*
northernmost latitude [°]: *54.471216*
westernmost longitude [°]: *14.104492*
easternmost longitude [°]: *24.154297*
minimum altitude: *-5 metres*
maximum altitude: *2499 metres*
countries: *Europe: Poland*

Site specifications

coordinate system/grid data:

datum (e.g. WGS84): *WGS84/GRS80*

site coding:

site coding available: *yes*
alphanumerical

number of digits: *14*

example: *PL02S0102_2082*

number of sites:

100 - 1000

exact number of sites: *144*

comments:

For all 89 lakes bathymetric maps are available.

Climate and environmental data

climate related data:

environmental data:

physico-chemistry data: *total P, total N, alkalinity, water temperature, pH, conductivity, chlorophyll*

stressors influencing the sites:

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
eutrophication	no	no		physico-chemical parameters, chlorophyll a
general degradation	no	no		

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 - 2007*

season: *spring, summer*

taxonomic resolution: *genus, species*

percentage of species level data: *60*

taxonomic coding:

coding system: *according to German method, Mischke et al. 2008*

sample specifications: *quantitative (abundance data)*

specification of method(s) used for sampling and sorting:

estimation of phytoplankton number and biomass in lake`s epilimnion

other important sample related informations:

integrated samples from epilimnion layer

Other specifications

availability of photos: *no*

availability of maps: *yes*

quality control procedures:

comments: *Phytoplankton database is not an integral part of GIS project; several GIS layers on Polish lakes are available (locality, hydrography, CORINE Land Cover)*