



Metadata

Long-term time-series metadatabase

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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: *Long-term time-series metadatabase*

dataset short name: *Long-term time-series metadatabase*

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

specify: *meta data*

short description of the dataset/summary:

This is a meta-database bringing together information about lake, stream and river sites for which there are long-term time series data. The meta-data include details of chemical, physical and biological series collected of varying length of time. The monitored sites have been funded under a range of different sources and cover various time periods. This is not a single monitoring network but includes a mixture of individual sites and co-ordinated networks.

science keywords according to [GCMD](#):

topic: *Biological Classification*

keywords: *time series, long-term monitoring, chemistry, biology*

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

Inland Waters

Technical and administrative specifications

data format: *Access*
operating system: *all Windows systems*
data language: *English*
current access level: *restricted access, internal*
web address (URL): *n/a*

Do you plan to publish the data on the Freshwater Biodiversity Data Portal:

media for data delivery: *e-mail*
comments: *No fees.*
update level: *update planned*

documentation:
type: *scientific paper*
language: *English*

contact details:

metadata contact person:

~~first name:~~ *M. Kernan*
~~last name:~~ *Kernan*
email: *m.kernan@ucl.ac.uk*
institution: *University College London*
address: *Pearson Building, Gower Street*
postal code, city: *WC1E 6BT London*
country: *UK*
web address: *http://www.ecrc.ucl.ac.uk/*

technical contact person:

~~first name:~~ *M. Kernan*
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email: *m.kernan@ucl.ac.uk*

scientific contact person:

~~first name:~~ *M. Kernan*
~~last name:~~ *Kernan*
email: *m.kernan@ucl.ac.uk*

Intellectual property rights and citation

(if the dataset is already published):

dataset creator (data compiler):

contact email: *Martin Kernan (m.kernan@ucl.ac.uk)*

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 approached before data are used

citation of this dataset:

author(s):

Battarbee, R.W., Morley, D., Bennion, H., Simpson, G.L., Hughes, M. & Bauere, V.

title:

A palaeolimnological meta-database for assessing the ecological status of lakes. Journal of Paleolimnology (in press).

year:

2010

citation of the metadata:

General data specifications

regional coverage of the dataset:

spatial extent (bounding coordinates):

southernmost latitude [°]:	46° 9' 57.5994
northernmost latitude [°]:	69° 45' 0
westernmost longitude [°]:	-5° 58' 11.9994
easternmost longitude [°]:	30° 43' 0.0012
minimum altitude:	21 metres
maximum altitude:	2343 metres

world climatic regions according to [Köppen](#):

Group D: continental/microthermal climate

Group E: polar climates

Group H: alpine climates

European ecoregions according to Illies ([WFD](#)):

Alps (ER4), The Carpathians (ER10), Central Plains (ER14), Great Britain (ER18), Fenno-Scandian Shield (ER22)

comments:

Data available for each site vary substantially. Not all sites are georeferenced or have altitude data and the timeframe covered varies from site to site.

Site specifications

coordinate system/grid data:	<i>latitude/longitude projected</i>
datum (e.g. WGS84):	<i>WGS84</i>
grid data available:	<i>no</i>
site coding available:	<i>no</i>
number of sites:	<i>100 - 1000</i>
exact number of sites:	<i>141</i>
comments:	<i>There are insufficient data to derive ecosystem type classifications</i>

Climate and environmental data

climate related data: *no data available*
spatial resolution of the data (if not catchment/site related):
others/specify
others: *Unknown resolution*
comments: *Rainfall and air temperature are monitored at some sites at different timescales*

environmental data:
available parameters per catchment: *catchment size*
data source: unknown
available parameters per site: *altitude*
data source: unknown
available parameters per site: *mean depth*
data source: unknown
comments: *lake area, mean depth and catchment area available for some sites*
physico-chemistry data: *total P, total dissolved P, nitrate, total N, ammonium, sulphate, chloride, sodium, magnesium, labile aluminium, calcium, alkalinity, TOC (total organic carbon), oxygen content, water temperature, pH, conductivity, chlorophyll, colour, Secchi disc depth, suspended solids*
comments: *Chemistry available on a site basis varies considerably*

stressors influencing the sites:
reference sites available: *no*

Biological data

biological data origin:

from sampling

specify project:

various

organism group addressed:

fish, zooplankton, phytoplankton, (benthic) diatoms, macrophytes

comments:

Monitoring programmes for biology varies across the database - no detailed information available for individual sites or organisms. Therefore it was not possible to complete the section on 'Sample specifications/sample resolution'

Sample specifications/sample resolution

fish:

sample information:

comments:

Monitoring programmes for biology varies across the database - no detailed information available for individual sites or organisms. Therefore it was not possible to complete the section on 'Sample specifications/sample resolution'

taxonomic resolution:

comments:

Monitoring programmes for biology varies across the database - no detailed information available for individual sites or organisms. Therefore it was not possible to complete the section on 'Sample specifications/sample resolution'

taxonomic coding:

sample specifications:

zooplankton:

sample information:

comments:

Monitoring programmes for biology varies across the database - no detailed information available for individual sites or organisms. Therefore it was not possible to complete the section on 'Sample specifications/sample resolution'

taxonomic resolution:

comments:

Monitoring programmes for biology varies across the database - no detailed information available for individual sites or organisms. Therefore it was not possible to complete the section on 'Sample specifications/sample resolution'

taxonomic coding:

sample specifications:

phytoplankton:

sample information:

comments:

Monitoring programmes for biology varies across the database - no detailed information available for individual sites or organisms. Therefore it was not possible to complete the section on 'Sample specifications/sample resolution'

taxonomic resolution:

comments:

Monitoring programmes for biology varies across the database - no detailed information available for individual sites or organisms. Therefore it was not possible to complete the section on 'Sample specifications/sample resolution'

taxonomic coding:

sample specifications:

(benthic) diatoms:

sample information:

comments:

Monitoring programmes for biology varies across the database - no detailed information available for individual sites or organisms. Therefore it

was not possible to complete the section on 'Sample specifications/sample resolution'

taxonomic resolution:

comments:

Monitoring programmes for biology varies across the database - no detailed information available for individual sites or organisms. Therefore it was not possible to complete the section on 'Sample specifications/sample resolution'

taxonomic coding:

sample specifications:

macrophytes:

sample information:

comments:

Monitoring programmes for biology varies across the database - no detailed information available for individual sites or organisms. Therefore it was not possible to complete the section on 'Sample specifications/sample resolution'

taxonomic resolution:

comments:

Monitoring programmes for biology varies across the database - no detailed information available for individual sites or organisms. Therefore it was not possible to complete the section on 'Sample specifications/sample resolution'

taxonomic coding:

sample specifications:

Other specifications

GIS layers, shapes related to the dataset:

no data available

availability of photos:

no

availability of maps:

no

quality control procedures:

Were any quality control procedures applied to your dataset?

no