



Metadata

Palaeo Meta-database



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: *Palaeo Meta-database*

dataset short name: *LAKECORES*

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

short description of the dataset/summary:

A meta-database for information about lake sediment cores. The database brings together published information about lake sediment cores that have been used to reconstruct the recent ecological history of lakes in Europe.

science keywords according to [GCMD](#):

topic: *Biological Classification*

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

Inland Waters

Technical and administrative specifications

data format: *MySQL*
operating system: *Linux*
data language: *English*
current access level: *web (public)*
web address (URL): *http://ecrc3.geog.ucl.ac.uk/lakecores/database.php*
update level: *continuously updated*
documentation:
type: *scientific paper*
language: *English*

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

media for data delivery: *online internet (HTTP)*
web address: *http://ecrc3.geog.ucl.ac.uk/palaeodb/database.php*

contact details:

metadata contact person:
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comments: *Our intention in the future is to extend the database globally by enabling labs holding equivalent information to register data about their own sites on line. Ultimately LAKECORES will be used by LIMPACS (website) in its ongoing assesement of lake ecosystem change worldwide.*

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

data contributors to/owners of this dataset:

single

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

The dataset is publicly available (data portal, data archive) and can be used without restrictions, but must be acknowledged and cited correctly.

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 45(4): 405-414

year:

2011

citation of the metadata:

General data specifications

regional coverage of the dataset:

scale of the dataset: *continental*

continents: *Asia, Europe*

spatial extend (bounding coordinates):

southernmost latitude [°]: *36.98*

northernmost latitude [°]: *79.8*

westernmost longitude [°]: *-74*

easternmost longitude [°]: *63.08*

minimum altitude: *-1 metres*

maximum altitude: *3050 metres*

countries: *Asia: Turkey*

Europe: Austria, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Iceland, Ireland, Italy, Norway, Poland, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom

comments: *Faroe Islands*

Site specifications

coordinate system/grid data:

datum (e.g. WGS84): *No datum available*
comments: *Data in geographical co-ordinates*
site coding available: *no*

example: *No codes - site name only*

number of sites: *100 - 1000*

exact number of sites: *975*

comments: *Not all sites have comprehensive set of specifications*

Environmental data

physico-chemistry data:

total P, alkalinity, pH, colour

Biological data

biological data origin:

specify method: *general compilation*
organism group addressed: *literature survey for fish; IUCN for amphibians and mammals*
comments: *zooplankton (Cladocera), phytoplankton, (benthic) diatoms, macroalgae*
LAKECORES is a sediment core database which includes cores analysed
for some of the following proxies: i) Diatoms; ii) Cladocera / Zooplankton;
iii) Chironomids; iv) Pollen; and v)Chrysophytes

Sample specifications/sample resolution

zooplankton:

sample information:

comments:

LAKECORES is a metadatabase and does not contain any sample data

taxonomic resolution:

comments:

LAKECORES is a metadatabase and does not contain any sample data

taxonomic coding:

sample specifications:

phytoplankton:

sample information:

comments:

LAKECORES is a metadatabase and does not contain any sample data

taxonomic resolution:

taxonomic coding:

sample specifications:

(benthic) diatoms:

sample information:

comments:

LAKECORES is a metadatabase and does not contain any sample data

taxonomic resolution:

taxonomic coding:

sample specifications:

macroalgae:

sample information:

comments:

LAKECORES is a metadatabase and does not contain any sample data

taxonomic 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: