



Metadata

Lesma invertebrate database

SUPPORTED BY



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: *Lesma invertebrate database*

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

short description of the dataset/summary:

lake benthic invertebrates per site from Austria, Germany & Italy

science keywords according to [GCMD](#):

topic: *Biosphere, Terrestrial Hydrosphere*

keywords: *Benthic invertebrates, lakes*

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

Biota, Environment, Inland Waters

Technical and administrative specifications

data format: *Access*
operating system: *Win XP*
current access level: *internal*
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:

Angelo Solimini

email:

angelo.solimini@uniroma1.it

technical contact person:

scientific contact person:

first, last name:

Angelo Solimini

email:

angelo.solimini@uniroma1.it

comments:

*[Metadata were harvested from the WISER metadatabase
(<http://www.wiser.eu/results/meta-database/details.php?id1=63&id2=10>) by
the BioFresh team.]*

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

contact name: *EC-JRC & Uniroma & Dr. Gary Free*

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 offered co-authorship for publications using this dataset. Data must be publicly acknowledged and cited correctly.

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: *continental*
continents: *Europe*

spatial extend (bounding coordinates):

southernmost latitude [°]: *35.430832*
northernmost latitude [°]: *54.928307*
westernmost longitude [°]: *5.798828*
easternmost longitude [°]: *18.749023*
minimum altitude: *-4 metres*
maximum altitude: *4810 metres*
countries: *Europe: Austria, Germany, Italy*

Site specifications

coordinate system/grid data:

other site classification parameters:

lake specific parameter: max depth

number of sites: 100 - 1000

exact number of sites: 136

Climate and environmental data

climate related data:

environmental data:

available parameters per site: *maximum depth*

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

other physico-chemical parameters *sediment chemistry; Lake Habitat Survey*

comments: *some parameter are measured for each site (N= 3 per Lake). Some (e.g. chla, secchi depth..) are measured for each lake (N= 45 lakes).*

Biological data

biological data origin:

organism group addressed: *macro-invertebrates*

Sample specifications/sample resolution

macro-invertebrates:

sample information:

covered timeframe:

year from - to: 2006 - 2006

historical data: no

palaeo data: no

season: spring

time series data: no

taxonomic resolution: species

percentage of species level data: 100

taxonomic coding:

sample specifications: quantitative (abundance data)

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

Other specifications

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