



Metadata

Littoral benthic invertebrates in Finnish regulated lakes

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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: *Littoral benthic invertebrates in Finnish regulated lakes*

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

data type: *point data/observation data*

short description of the dataset/summary:

Littoral macroinvertebrate data from 6 unregulated and 10 regulated lakes. Three different littorals have been sampled from each lake and three kick-net samples have been taken from each littoral.

science keywords according to [GCMD](#):

topic: *Biosphere, Terrestrial Hydrosphere*

keywords: *Macroinvertebrates, littoral, regulated lakes, kick-net samples*

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: *others/specify*
others/details: *Some more lakes will be added to the data*
documentation:
Do you plan to publish the data on the Freshwater Biodiversity data portal:
contact details:

metadata contact person:

first, last name: *Heikki Mykra*
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technical contact person:

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comments: *[Metadata were harvested from the WISER metadatabase (http://www.wiser.eu/results/meta-database/details.php?id1=82&id2=28) by the BioFresh team.]*

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:

Other/Additional criteria

other/additional criteria:

Data provider must give consent to any publication. 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: *national*
continents: *Europe*

spatial extend (bounding coordinates):

southernmost latitude [°]: *70.154043*
northernmost latitude [°]: *59.845833*
westernmost longitude [°]: *20.762207*
easternmost longitude [°]: *31.655805*
minimum altitude: *0 metres*
maximum altitude: *1342 metres*
countries: *Europe: Finland*

Site specifications

coordinate system/grid data:

site coding available: *yes*
 alphanumerical

example: *Risuniemi1*

number of sites: *<100*

exact number of sites: *48*

Climate and environmental data

climate related data:

environmental data:

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

other physico-chemical parameters: *Turbidity (FNU), CODMn (mg L-1), Measures of riparian condition*

stressors influencing the sites:

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
hydromorphological degradation	no			(Regulation amplitude is known)

Biological data

biological data origin:

organism group addressed: *macro-invertebrates*

Sample specifications/sample resolution

macro-invertebrates:

sample information:

covered timeframe:

year from - to: *2002 - 2004*

season: *autumn*

taxonomic resolution: *order, family, genus, species*

percentage of species level data: *66*

taxonomic coding:

coding system: *ID AQEM, DV*

sample specifications: *semi-quantitative*

replicate samples: *yes*

number of samples: *9*

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

littoral

Other specifications

availability of photos: yes
availability of maps: yes
quality control procedures: