



Metadata

Database of lakes of Estonian University of Life Sciences

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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: *Database of lakes of Estonian University of Life Sciences*

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: *phytoplankton, macrophytes and background abiotic data of lakes in Estonia*

science keywords according to [GCMD](#):

topic: *Biosphere, Biological Classification, Terrestrial Hydrosphere*

keywords: *Phytoplankton, macrophytes, abiotic data, lakes*

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

Biota, Environment, Inland Waters

Technical and administrative specifications

data format: *Access*
operating system: *Win98*
current access level: *restricted access*
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: *Kairi Maileht*
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technical contact person:

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scientific contact person:

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comments:

*[Metadata were harvested from the WISER metadatabase
(<http://www.wiser.eu/results/meta-database/details.php?id1=28&id2=91>) 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 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 [°]: *57.507952*
northernmost latitude [°]: *59.690950*
westernmost longitude [°]: *21.663086*
easternmost longitude [°]: *28.263184*
minimum altitude: *0 metres*
maximum altitude: *318 metres*
countries: *Europe: Estonia*

Site specifications

coordinate system/grid data: *numerical*
example: 212980
number of sites: 100 - 1000
exact number of sites: 400

Climate and environmental data

climate related data:

environmental data:

physico-chemistry data:

total P, ortho P, total dissolved P, nitrate, nitrite, total N, ammonium, hardness, alkalinity, water temperature, pH, conductivity, chlorophyll, colour, euphotic depth

stressors influencing the sites:

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
eutrophication	no	yes		
hydromorphological degradation	no	no		
organic pollution	no	yes		
general degradation	no	no		

Biological data

biological data origin:

organism group addressed: *phytoplankton, macroalgae, macrophytes*

Sample specifications/sample resolution

phytoplankton:

sample information:

season: *spring, summer*

taxonomic resolution: *genus, species*

percentage of species level data: *75*

taxonomic coding:

coding system: *REBECCA*

sample specifications: *quantitative (abundance data)*

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

Van Dorn sampler

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

profundal (lakes)

macroalgae:

sample information:

season: *spring, summer*

taxonomic resolution: *genus, species*

percentage of species level data: *85*

taxonomic coding:

sample specifications: *semi-quantitative*

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

Grapnel

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

profundal (lakes)

macrophytes:

sample information:

season: *spring, summer*

taxonomic resolution: *genus, species*

percentage of species level data: *85*

taxonomic coding:

sample specifications: *semi-quantitative*

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

Grapnel

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

profundal (lakes)

Other specifications

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