



Metadata

Swedish National survey of lakes and streams

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General information

name of the database:

full name of the database: *Swedish National survey of lakes and streams*

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

data type: *point data/observation data*

short description of the database/summary:

A national survey of lakes and streams was performed in the year 2000 in Sweden.

science keywords according to [GCMD](#):

topic: *Biosphere, Terrestrial Hydrosphere*

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

Biota, Environment, Inland Waters

Technical and administrative specifications

data format: *Excel*
others/details: *Excel or txt, data needs to be exported from the 4D database*
currently available through [GBIF](#): *no*
exchange planned: *no*

update level: *completed*

documentation:

Do you plan to publish the data on the BioFresh data portal:

contact details:

metadata contact person:

first, last name: *Leonard Sandin*
email: *leonard.sandin@ma.slu.se*
institution: *SLU - Institutionen för vatten och miljö*
address: *Box 7050, Lennart Hjelms väg 9*
postal code, city: *750 07 Uppsala*
country: *Sweden*
web address: *http://www.slu.se/vatten-miljo*

technical contact person:

first, last name: *Leonard Sandin*
email: *leonard.sandin@ma.slu.se*

scientific contact person:

first, last name: *Leonard Sandin*
email: *leonard.sandin@ma.slu.se*

comments: *[Metadata were harvested from the WISER metadatabase (http://www.wiser.eu/results/meta-database/details.php?id1=90&id2=67) by the BioFresh team.]*

Intellectual property rights and citation

(if the database is already published):

database creator (data compiler):

contact name: *Swedish EPA*

data contributors to/owners of this database:

single

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

Other/Additional criteria

Other/Additional criteria:

Data provider must give consent to use the data, mainly to be able to follow what is being done with the data and being able to explain the specifics of the database.

citation of this database:

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 database:

scale of the database: *national*
continents: *Europe*

spatial extend (bounding coordinates):

southernmost latitude [°]: *54.956589*
northernmost latitude [°]: *69.365546*
westernmost longitude [°]: *10.632813*
easternmost longitude [°]: *24.330078*
minimum altitude: *-2 meters*
maximum altitude: *2104 meters*
countries: *Europe: Sweden*

Site specifications

coordinate system/grid data:

datum (e.g. WGS84): *RT90*

site coding:

site coding available: *yes*
alphanumerical

number of digits: *5*

example: *R 15*

number of sites:

100 - 1000

exact number of sites: *705*

comments:

Geology based on water chemistry, not catchment geology parameters, thus calcareous is > 0.4 meq/l Ca, organic is > 30 mg Pt/l, where numerous sites have both high Ca and high colour.

Climate and environmental data

climate related data:

environmental data:

available parameters per site:

altitude

available parameters per site:

current velocity

available parameters per site:

substrate composition

physico-chemistry data:

total P, total N, ammonium, alkalinity, water temperature, pH, conductivity, colour

comments:

Current velocity and substrate in % categories

Biological data

biological data origin:

specify method:	<i>general compilation</i>
organism group addressed:	<i>Swedish EPA datahosted by SLU</i>
	<i>macro invertebrates</i>

Sample specifications/sample resolution

macro invertebrates:

sample information:

covered timeframe:

year from - to: *2000 - 2000*

season: *autumn*

taxonomic resolution:

taxonomic coding:

coding system: *ID AQEM, DV*

sample specifications: *semi-quantitative*

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

littoral

Other specifications

GIS layers, shapes related to the database:

others (specify): *GIS shapes for all catchments available, landuse, geology, altitude etc available*

availability of photos: *yes*

availability of maps: *no*

quality control procedures: