



Metadata

Swedish National database trend stations streams

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General information

name of the database:

full name of the database: *Swedish National database trend stations streams*

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

short description of the database/summary:

The database contains macroinvertebrate data from yearly sampled reference streams and lakes from across the country as part of the national monitoring programme.

science keywords according to [GCMD](#):

topic: *Terrestrial Hydrosphere*

keywords: *Macroinvertebrates, streams, rivers, monitoring*

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

Biota, Inland Waters

Technical and administrative specifications

data format: *Excel*
others/details: *Output could be in several formats, most commonly txt or excel*

operating system: *others/specify*
others/details: *We will not have direct access to the database (which is in 4D), but outputs in txt or excel*
others/details: *I do not understand what you mean by access level?*

currently available through [GBIF](#): *no*
exchange planned: *no*

update level: *continuously updated*
others/details: *Sampled every year, updated as soon as the new data is QA/QC*

documentation:
others/details: *None as far as I know*

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=53&id2=62) 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 any publication.

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): *WGS84*

example: *No coding exists at the moment*

exact number of sites: *49*

comments:

We are currently classifying the sites for the Swedish EPA, should be finished within 2 months

Climate and environmental data

climate related data:

environmental data:

physico-chemistry data: *total P, total N, ammonium, alkalinity, water temperature, pH, conductivity, colour*

other physico-chemical parameters:*TOC*

Biological data

biological data origin:

organism group addressed: *macro invertebrates*

Sample specifications/sample resolution

macro invertebrates:

sample information:

covered timeframe:

year from - to: *2007 - 2007*

season: *autumn*

taxonomic resolution:

taxonomic coding:

coding system: *ID AQEM, DV*

sample specifications: *semi-quantitative*

replicate samples: *yes*

number of samples: *5*

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

habitat specific samples (e.g. riffles/pools) (rivers)

other important sample related informations:

More years available (around 10, i.e. starting 1997) for some sites.

Other specifications

availability of maps: *no*

quality control procedures: