



Metadata

Fish catches in Danish lakes (Aarhus University)



Exported from the BioFresh data portal, <http://data.freshwaterbiodiversity.eu>
Visit the BioFresh metadatabase query tool, <http://data.freshwaterbiodiversity.eu/metadb/metaDBQry>
Visit the BioFresh metadatabase full text search, <http://data.freshwaterbiodiversity.eu/metadb/metaDBfts>

General information

name of the database:

full name of the database: *Fish catches in Danish lakes (Aarhus University)*

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:

Raw data on fish catches in Danish lakes.

Aim is to describe fish communities and to calculate the BQE for the lakes.

science keywords according to [GCMD](#):

topic: *Biosphere, Biological Classification, Terrestrial Hydrosphere*

keywords: *Fish, lakes*

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

Biota, Environment, Inland Waters

Technical and administrative specifications

data format: *Oracle*
others/details: *Oracle-RDB*
operating system: *others/specify*
others/details: *VMS system*
current availability: *internal*
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: *Torben Lauridsen*
email: *tll@dmu.dk*
institution: *Aarhus University, Department of Bioscience - Freshwater Ecology*
address: *VejlsÅ, vej 25, room M2.09*
postal code, city: *8600 Silkeborg*
country: *Denmark*
web address: *http://www.au.dk/en/*

technical contact person:

first, last name: *Torben Lauridsen*
email: *tll@dmu.dk*

scientific contact person:

first, last name: *Torben Lauridsen*
email: *tll@dmu.dk*

comments:

[Metadata were harvested from the WISER metadatabase (http://www.wiser.eu/results/meta-database/details.php?id1=42&id2=37) by the BioFresh team.]

Intellectual property rights and citation

(if the database is already published):

database creator (data compiler):

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 [°]: *57.784278*
northernmost latitude [°]: *54.554128*
westernmost longitude [°]: *7.787354*
easternmost longitude [°]: *12.827393*
minimum altitude: *-7 meters*
maximum altitude: *171 meters*
countries: *Europe: Denmark*

Site specifications

coordinate system/grid data:

datum (e.g. WGS84): WGS84

site coding:

site coding available: yes
numerical

number of digits: 5

example: 45003

number of sites:

100 - 1000

exact number of sites: 116

comments:

We miss mean depth on 4 of the lakes.

Most of the Danish lakes are less than 50 ha (0.5 km²).

When distinguishing between calcareous and siliceous I have used an alkalinity threshold of 0.2 meq.

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

other physico-chemical parameters: *Suspended matter*

stressors influencing the sites:

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
eutrophication	yes	yes		

Biological data

biological data origin:

organism group addressed: *fish, macroalgae, macrophytes, angiosperms*

Sample specifications/sample resolution

fish:

sample information:

covered timeframe:

year from - to: 2004 - 2007

season: summer, autumn

taxonomic resolution:

genus, species

percentage of species level data: 80

taxonomic coding:

coding system: National numeric 6 digit code e.g. 010101

sample specifications:

quantitative (abundance data)

replicate samples: yes

number of samples: 3

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

gill net

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

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

macroalgae:

sample information:

taxonomic resolution:

taxonomic coding:

sample specifications:

macrophytes:

sample information:

taxonomic resolution:

taxonomic coding:

sample specifications:

angiosperms:

sample information:

taxonomic resolution:

taxonomic coding:

sample specifications:

Other specifications

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