



Metadata

Northern GIG Lakes Macrophytes data (WFD Intercalibration)

SUPPORTED BY



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Visit the Freshwater Metadatabase, http://data.freshwaterbiodiversity.eu/metadb/about_metadata

General information

name of the dataset:

full name of the dataset: *Northern GIG Lakes Macrophytes data (WFD Intercalibration)*

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:

Collated for the purposes of intercalibrating the outputs of the Northern GIG WFD lakes macrophyte classification tools. Includes data from a large number of lakes across the GIG region, provided by the participating countries. Macrophyte data is provided as presence/absence and relevant typological information provided. There is almost no physico-chemical data provided. Note that not all the data from this dataset will be made available to BioFresh science work packages or the data portal.

science keywords according to [GCMD](#):

topic: *Biological Classification*

keywords: *lake macrophyte, lake typology, Water Framework Directive, Intercalibration dataset, GIG*

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

Biota, Inland Waters

Technical and administrative specifications

data format: *Excel*
data language: *English*
current access level: *restricted access*
update level: *completed*

documentation:

Do you plan to publish the data on the Freshwater Biodiversity data portal:

media for data delivery: *e-mail*
web address: *no web address*

contact details:

metadata contact person:

first, last name: *Sian Davies*
email: *siandavies2010@yahoo.co.uk*

technical contact person:

first, last name: *Seppo Hellsten*
email: *seppo.hellsten@ymparisto.fi*

scientific contact person:

first, last name: *Seppo Hellsten*
email: *seppo.hellsten@ymparisto.fi*

comments:

Contact details are provided for the person responsible for completion of the metadata and the GIG lead. The dataset contains data from a number of organisations/institutions, therefore it is not appropriate to provide the name and address of any one institution in the fields above.

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

contact name: *NGIG lake macrophyte group*
contact email: *NGIG lake macrophytes lead (seppo.hellsten@ymparisto.fi)*

data contributors to/owners of this dataset:

multiple
number: *5*

provider 1:

provider institute: *Finnish Environment Institute - SYKE*
contact name: *Seppo Hellsten*
contact email: *seppo.hellsten@ymparisto.fi*
criteria for using the data in a publication/scientific analysis: *Other/Additional criteria*
other/additional criteria: *Dataset is sampled by several authors only for classification purposes and I do not have any rights to allow it for general use.*

provider 2:

provider institute: *Swedish University of Agricultural Sciences*
contact name: *Frauke Ecke*
contact email: *frauke.ecke@vatten.slu.se*
criteria for using the data in a publication/scientific analysis: *Other/Additional criteria*
other/additional criteria: *Some data within the Swedish data are owned by the Swedish EPA and are therefore available for use, other data is owned by Frauke Ecke and is not available for use. Please contact Frauke Ecke for more detail.*

provider 3:

provider institute: *Norwegian Institute for Water Research*
contact name: *Marit Mjælde*
contact email: *marit.mjelde@niva.no*
criteria for using the data in a publication/scientific analysis: *Other/Additional criteria*
other/additional criteria: *Data not available.*

provider 4:

provider institute: *Environment Agency (lead organisation)*
contact name: *Geoff Phillips*
contact email: *geoff.phillips@environment-agency.gov.uk*
criteria for using the data in a publication/scientific analysis: *Other/Additional criteria*
other/additional criteria: *UK dataset contains data from England and Wales, Scotland and Northern Ireland. The Scottish data owners are Scottish Natural Heritage, contact Alison Lee, alison.lee@snh.gov.uk. The Northern Ireland data owners are the Northern Ireland Environment Agency, contact Brenda Walker, Brenda.Walker@doeni.gov.uk*

provider 5:

provider institute: *Environmental Protection Agency - Ireland*
contact name: *Martin McGarrigle*
contact email: *m.mcgarrigle@epa.ie*
criteria for using the data in a publication/scientific analysis: *Other/Additional criteria*

citation of this dataset:

author(s): *Finnish Environment Institute (SYKE)*

title: *Finnish national macrophyte database for lake intercalibration*

year: *2007*

citation of the metadata:

General data specifications

regional coverage of the dataset:

scale of the dataset: *continental*
continents: *Europe*
countries: *Europe: Finland, Ireland, Norway, Sweden, United Kingdom*
comments: *Sample dates not provided.*

Site specifications

coordinate system/grid data:

site coding available: yes
 alphanumerical

example: *F100*

number of sites: *>1000*

exact number of sites: *1075*

comments: *Lake name is the only way to determine location from this dataset.
Information is available to determine lake type in terms of altitude, size and
depth although it hasn't been specifically calculated within this database.*

Climate and environmental data

climate related data: *no data available*

environmental data: *no parameter data per catchment available*

no parameter data per site available

physico-chemistry data: *total P, alkalinity, pH, conductivity, chlorophyll, Secchi disc depth*

availability of physico-chemical data, if there is more than one sample per site:

mean values per site

comments:

Values are provided for each lake but it is not clear whether these are average values or spot samples.

stressors influencing the sites:

reference sites available: *yes*

no stressor data available

Biological data

biological data origin: *from sampling*
specify project: *General sampling programmes plus some specifically collected data*

organism group addressed: *macrophytes*

Sample specifications/sample resolution

macrophytes:

sample information:

palaeo data: *no*
season: *summer*
time series data: *no*
comments: *No dates provided with the data so age of data or timescales covered are unknown. They are likely to vary between countries.*

taxonomic resolution:

genus, species
comments: *Majority of data is to species level.*

taxonomic coding:

sample specifications:

presence/absence
replicate samples: *no*
number of samples: *1075*

Other specifications

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