



Metadata

NS-Share database (Ireland & UK)

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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: *NS-Share database (Ireland & UK)*

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

short description of the dataset/summary:

Contains water chemistry, littoral and profundal invertebrate data, macrophyte data and will soon include fish data.

science keywords according to [GCMD](#):

topic: *Terrestrial Hydrosphere*

keywords: *Macrophytes, macroinvertebrates, littoral, profundal, water chemistry*

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

Biota, Inland Waters

Technical and administrative specifications

data format: *Access*
operating system: *Win XP*
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: *Ian Donohue*
email: *ian.donohue@tcd.ie*

technical contact person:

first, last name: *Ian Donohue*
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scientific contact person:

first, last name: *Ian Donohue*
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comments:

*[Metadata were harvested from the WISER metadatabase
(<http://www.wiser.eu/results/meta-database/details.php?id1=56&id2=81>) by
the BioFresh team.]*

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

contact name: *EA, SEPA, EHS, EPA, Trinity College Dublin*

data contributors to/owners of this dataset:

single

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

Other/Additional criteria

other/additional criteria:

Permission really should be requested from all data owners prior to analysis.

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: *continental*
continents: *Europe*

spatial extend (bounding coordinates):

southernmost latitude [°]: *49.927648*
northernmost latitude [°]: *60.845898*
westernmost longitude [°]: *-10.724609*
easternmost longitude [°]: *1.654297*
minimum altitude: *-3 metres*
maximum altitude: *1343 metres*
countries: *Europe: Ireland, United Kingdom*

Site specifications

coordinate system/grid data:

site coding:

site coding available: yes
 numerical

number of digits: 3

example: 123

number of sites: 100 - 1000

exact number of sites: 704

comments: *water depths present for a large number of samples but unreliable*

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

Biological data

biological data origin:

specify method: *general compilation*
TCD, UK EA, Irish Central Fisheries Boards
organism group addressed: *macro-invertebrates, macroalgae, macrophytes, angiosperms*

Sample specifications/sample resolution

macro-invertebrates:

sample information:

covered timeframe:

year from - to: 1996 - 2006

season: *spring, summer, autumn, winter*

taxonomic resolution:

family, genus, species

percentage of species level data: 50

comments: *Taxonomic resolution varies, generally approximately 50% taxa identified to species level, 30-40% to genus, thereafter all to family except for Hydrachnidia, Lepidoptera, Oligochaeta, Ostracoda and Turbellaria.*

taxonomic coding:

coding system: *ID AQEM, DV*

sample specifications:

quantitative (abundance data), semi-quantitative

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

habitat specific samples (e.g. riffles/pools) (rivers), littoral, sublittoral profundal (lakes), hard bottom, soft bottom (marine)

macroalgae:

sample information:

taxonomic resolution:

genus, species

percentage of species level data: 75

taxonomic coding:

sample specifications:

qualitative

macrophytes:

sample information:

taxonomic resolution:

genus, species

percentage of species level data: 75

taxonomic coding:

sample specifications:

qualitative

angiosperms:

sample information:

taxonomic resolution:

genus, species

percentage of species level data: 75

taxonomic coding:

sample specifications:

qualitative

Other specifications

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