



Metadata

National Monitoring Austria (GZUEV) macro invertebrates, benthic algae

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General information

name of the dataset:

full name of the dataset: *National Monitoring Austria (GZUEV) macro invertebrates, benthic algae*

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:
National monitoring data on macro invertebrates and benthic algae in compliance with the WFD for the year 2007.

science keywords according to [GCMD](#):

topic: *Biosphere, Biological Classification, Terrestrial Hydrosphere*

keywords: *Monitoring; Macroinvertebrates; Benthic algae; WFD*

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

Biota, Inland Waters

Technical and administrative specifications

data format: *special software versions*
others/details: *Ecoprof (based on Access)*
operating system: *Win NT*
others/details: *and higher*
data language: *German*
current access level: *internal*
currently available through [GBIF](#): *no*
exchange planned: *no*
update level: *completed*
documentation:
Do you plan to publish the data on the Freshwater Biodiversity data portal:

contact details:

metadata contact person:
institution: *BOKU - University of Natural Resources and Life Sciences*
address: *Max Emanuel-Strasse 17*
postal code, city: *1180 Vienna*
country: *Austria*
web address: *<http://www.wau.boku.ac.at/ihg.html>*

technical contact person:
first, last name: *Martin Seebacher*
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comments: *[Metadata were harvested from the WISER metadatabase (<http://www.wiser.eu/results/meta-database/details.php?id1=10&id2=25>) by the BioFresh team.]*

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

data contributors to/owners of this dataset:

single

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

Other/Additional criteria

other/additional criteria:

Data provider must be informed of publication 45 days in advance and can object to the use of the dataset within 30 days. Data must be publicly acknowledged and cited correctly.

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: *national*

continents: *Europe*

spatial extend (bounding coordinates):

southernmost latitude [°]: *49.042666*

northernmost latitude [°]: *46.333158*

westernmost longitude [°]: *9.556152*

easternmost longitude [°]: *17.013184*

minimum altitude: *115 metres*

maximum altitude: *3798 metres*

countries: *Europe: Austria*

comments: *There are also GZUEV data from 2005 available.*

Site specifications

coordinate system/grid data:

comments: *Coordinates: UTM transformation possible.*

site coding:

site coding available: *yes*
alphanumerical

number of digits: *10*

example: *FW10000027*

number of sites:

100 - 1000

exact number of sites: *165*

comments:

Waterbody: no waterbody information available right now, but can be generated from GIS layers if necessary.

Climate and environmental data

climate related data:

environmental data:

available parameters per catchment: *catchment size*

available parameters per site: *information on water uses (e.g., irrigation, fish ponds)*

available parameters per site: *stream order (according to Strahler)*

available parameters per site: *altitude*

available parameters per site: *current velocity*

available parameters per site: *maximum depth*

available parameters per site: *mean depth*

available parameters per site: *wetted width*

available parameters per site: *substrate composition*

physico-chemistry data: *total P, water temperature, pH, conductivity*

other physico-chemical parameters: *Other chemical parameter are available on demand from the Ministry.*

stressors influencing the sites:

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
hydromorphological degradation	no			Several hydromorphological parameters available for gradient classification.
organic pollution	no			Several chemical parameters available for gradient classification.
general degradation	no			Several chemical and hydromorphological parameters available for gradient classification.

Biological data

biological data origin:

from sampling

specify project:

National Monitoring

organism group addressed:

macro-invertebrates, phytobenthos, (benthic) diatoms

Sample specifications/sample resolution

macro-invertebrates:

sample information:

covered timeframe:

year from - to: 2007 - 2007

season: spring, summer, winter

comments: Few sites were also sampled in autumn.

taxonomic resolution:

order, family, genus, species

percentage of species level data: 85

comments: Species level identification wherever possible (values indicated above are only rough estimates).

taxonomic coding:

taxalist according to: Taxaliste i ½ sterreich

coding system: ID_Ecoprof

sample specifications:

quantitative (abundance data)

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

Multi Habitat Sampling

phytobenthos:

sample information:

covered timeframe:

year from - to: 2007 - 2007

season: spring, summer, winter

comments: Few samples were also taken in autumn.

taxonomic resolution:

genus, species

percentage of species level data: 95

comments: Species level identification wherever possible (values indicated above are rough estimates). Some genera of certain classes are not identifiable to species level. Taxa include macro algae.

taxonomic coding:

coding system: ID_Ecoprof

sample specifications:

quantitative (abundance data)

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

Brushing/scraping of benthic habitats; collecting of stones

(benthic) diatoms:

sample information:

covered timeframe:

year from - to: 2007 - 2007

season: spring, summer, winter

comments: Few samples were also taken in autumn.

taxonomic resolution:

genus, species

percentage of species level data: 95

comments: Species level identification wherever possible (values indicated above are rough estimates). Some genera of certain classes are not identifiable to species level. Taxa include macro algae.

taxonomic coding:

taxalist according to: Algen Taxaliste Ecoprof

coding system: ID_Ecoprof

sample specifications:

quantitative (abundance data)

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

Brushing/scraping of benthic habitats; collecting of stones

Other specifications

availability of photos: yes

availability of maps: yes

quality control procedures:

Were any quality control procedures applied to your dataset?

yes

quality control protocols and comments:

National Quality Management

comments:

For 63 sites also fish data are available, see database National Monitoring Austria(GZUEV) fish.

There are also GZUEV data from 2005 available.