General information

name of the dataset:
  full name of the dataset: Monitoring data from the federal state Mecklenburg-Western Pomerania (Germany)
  dataset short name: Monitoring data Mecklenburg-Western Pomerania

type of dataset (more information):
  type of dataset: species distribution data
  data type: point data/observation data
  short description of the dataset/summary:
  The dataset consists of occurrence data of the aquatic organism groups fish, macroinvertebrates and macrophytes that were sampled in the German federal state Mecklenburg-Western Pomerania between 2006 and 2010. The sampling was conducted according to the protocols of the national monitoring programme for implementation of the Water Framework Directive.

science keywords according to GCMD:
  topic: Biosphere
  keywords: Monitoring data, Water Framework Directive, Fish, Macroinvertebrates, Macrophytes

ISO topic category according to ISO 19115:
  Biota, Inland Waters
Dataset: Monitoring data from the federal state Mecklenburg-Western Pomerania (Germany)

Technical and administrative specifications

data format: Excel
operating system: all operating systems
data language: German
current access level: restricted access
currently available through GBIF: no
exchange planned: no

comments: This data will be available through the BioFresh data portal. No claim is made that the data gives a complete picture of occurrence since the sampling stations in the dataset do not cover all waterbodies. The resource creator does not guarantee for the correctness of the data.

update level: update planned
documentation:
  type: internal description
  language: German

Do you plan to publish the data on the Freshwater Biodiversity data portal: e-mail
media for data delivery:

contact details:

metadata contact person: Veronica Dahm
  first, last name: Veronica Dahm
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  country: Germany

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scientific contact person: André Steinhäuser
  first, last name: André Steinhäuser
  phone: (+49)3843777352
  email: andre.steinhaeuser@lung.mv-regierung.de

comments: Address of scientific contact person: Landesamt für Umwelt, Naturschutz und Geologie Mecklenburg-Vorpommern, Postfach 13 38, 18263 Güstrow, Germany
Intellectual property rights and citation

Dataset publisher is already published: BioFresh

Dataset creator (data compiler):
- **contact name:** Landesamt für Umwelt, Naturschutz und Geologie Mecklenburg-Vorpommern
- **contact email:** Postfach 13 38, 18263 Güstrow, Germany; andre.steinhaeuser@lung.mv-regierung.de

Data contributors to/owners of this dataset: single

Criteria for using the data in a publication/scientific analysis:
The dataset is publicly available (data portal, data archive) and can be used without restrictions, but must be acknowledged and cited correctly.

Citation of this dataset:
- **author(s):** Landesamt für Umwelt, Naturschutz und Geologie Mecklenburg-Vorpommern
- **title:** River monitoring data from the federal state Mecklenburg-Western Pomerania (Germany) of the years 2006 - 2010
- **year:** 2011
- **doi (if applicable):** http://dx.doi.org/10.13148/bfe90

Citation of the metadata:

Comments:
No claim is made that the data gives a complete picture of occurrence since the sampling stations in the dataset do not cover all water bodies. The resource creator does not guarantee for the correctness of the data.
General data specifications

regional coverage of the dataset: regional
continents: Europe

spatial extend (bounding coordinates):
  southernmost latitude [°]: 53.0
  northernmost latitude [°]: 54.8
  westernmost longitude [°]: 10.5
  easternmost longitude [°]: 14.5
  minimum altitude: 0 metres
  maximum altitude: 110 metres
  countries: Europe: Germany
  comments: Federal state Mecklenburg-Western Pomerania
Dataset: Monitoring data from the federal state Mecklenburg-Western Pomerania (Germany)

Site specifications

coordinate system/grid data:
  datum (e.g. WGS84): WGS84
  grid data available: no
  site coding available: yes
  example: MV_PALING_7

number of sites:
  100 - 1000
  exact number of sites: 307
Dataset: Monitoring data from the federal state Mecklenburg-Western Pomerania (Germany)

**Biological data**

**biological data origin:** from sampling

**specify project:** WFD operational monitoring

**organism group addressed:** fish, macro-invertebrates, macrophytes
### Sample resolution

**fish:**

<table>
<thead>
<tr>
<th><strong>taxonomic resolution:</strong></th>
<th>species</th>
</tr>
</thead>
<tbody>
<tr>
<td>percentage of species level data:</td>
<td>100</td>
</tr>
</tbody>
</table>

**taxonomic coding:**

- taxalist according to: Bayerisches Landesamt für Umwelt: Taxaliste der Gewässerorganismen Deutschlands
- coding system: DV_NR
- example: 9020

**macro-invertebrates:**

<table>
<thead>
<tr>
<th><strong>taxonomic resolution:</strong></th>
<th>family, genus, species</th>
</tr>
</thead>
<tbody>
<tr>
<td>percentage of species level data:</td>
<td>75</td>
</tr>
<tr>
<td>comments:</td>
<td>Percentage is an approximate value.</td>
</tr>
</tbody>
</table>

**taxonomic coding:**

- taxalist according to: Perlodes: Operationelle Taxaliste (Version Mai 2011)
- coding system: ID_ART
- example: 5095

**macrophytes:**

<table>
<thead>
<tr>
<th><strong>taxonomic resolution:</strong></th>
<th>species</th>
</tr>
</thead>
<tbody>
<tr>
<td>percentage of species level data:</td>
<td>100</td>
</tr>
</tbody>
</table>

**taxonomic coding:**

- taxalist according to: Bayerisches Landesamt für Umwelt: Taxaliste der Gewässerorganismen Deutschlands
- coding system: DV_NR
- example: 2258
Dataset: Monitoring data from the federal state Mecklenburg-Western Pomerania (Germany)

Other specifications

GIS layers, shapes related to the dataset:

no data available

quality control procedures:

Were any quality control procedures applied to your dataset?

yes