



## Metadata

# Monitoring data from the federal state Saxony-Anhalt (Germany)

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### General information

#### name of the dataset:

full name of the dataset: *Monitoring data from the federal state Saxony-Anhalt (Germany)*

dataset short name: *Monitoring data Saxony-Anhalt*

**type of dataset ([more information](#)):** *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 Saxony-Anhalt in 2008 and 2009. 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*

## 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:

media for data delivery: *e-mail*

### contact details:

#### metadata contact person:

first, last name: *Veronica Dahm*  
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#### technical contact person:

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#### scientific contact person:

first, last name: *Martina JÄhrling*  
phone: *(+49)3915811124*  
email: *martina.jaehrling@lhw.mlu.sachsen-anhalt.de*

### comments:

*Address of scientific contact person:  
Landesbetrieb für Hochwasserschutz und Wasserwirtschaft  
Sachsen-Anhalt, LHW SB 5.1.2.1.1, Otto-von-Guericke-Str. 5, 39104  
Magdeburg, Germany*

## **Intellectual property rights and citation**

~~dataset publisher~~ is already published *BioFresh*

### **dataset creator (data compiler):**

contact name: *Landesbetrieb für Hochwasserschutz und Wasserwirtschaft  
Sachsen-Anhalt*

contact email: *Otto-von-Guericke-Str. 5, 39104 Magdeburg, Germany;  
martina.jaehrling@lhw.mlu.sachsen-anhalt.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): *Landesbetrieb für Hochwasserschutz und Wasserwirtschaft  
Sachsen-Anhalt*

title: *River monitoring data from the federal state Saxony-Anhalt (Germany) of the years 2008 and 2009.*

year: *2011*

doi (if applicable): *<http://dx.doi.org/10.13148/bfe94>*

### **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 waterbodies. The resource creator does not guarantee for the correctness of the data.*

## **General data specifications**

### **regional coverage of the dataset:**

scale of the dataset: *regional*  
continents: *Europe*

### **spatial extend (bounding coordinates):**

southernmost latitude [°]: *50.9*  
northernmost latitude [°]: *53.1*  
westernmost longitude [°]: *10.5*  
easternmost longitude [°]: *13.2*  
minimum altitude: *17 metres*  
maximum altitude: *484 metres*  
countries: *Europe: Germany*  
comments: *Federal state Saxony-Anhalt*

## Site specifications

### coordinate system/grid data:

datum (e.g. WGS84):	WGS84
grid data available:	yes
resolution:	5.0 x 5.0 kilometers
comments:	<i>The coordinates of each site refer to the center of the corresponding grid cell.</i>
site coding available:	yes
	<i>alphanumerical</i>
example:	ST_417836
<b>number of sites:</b>	100 - 1000
exact number of sites:	534

## **Biological data**

**biological data origin:** *from sampling*  
specify project: *WFD operational monitoring*

organism group addressed: *fish, macro-invertebrates, macrophytes*

## **Sample resolution**

### fish:

**taxonomic resolution:** *species*

percentage of species level data: *100*

**taxonomic coding:**

taxalist according to: *Bayerisches Landesamt für Umwelt: Taxaliste der Gewässerorganismen Deutschlands*

coding system: *DV\_NR*

example: *9020*

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### macro-invertebrates:

**taxonomic resolution:** *family, genus, species*

percentage of species level data: *65*

comments: *Percentage is an approximate value.*

**taxonomic coding:**

taxalist according to: *Perlodes: Operationelle Taxaliste (Version Mai 2011)*

coding system: *ID\_ART*

example: *5095*

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### macrophytes:

**taxonomic resolution:** *genus, species*

percentage of species level data: *85*

comments: *Percentage is an approximate value.*

**taxonomic coding:**

taxalist according to: *Bayerisches Landesamt für Umwelt: Taxaliste der Gewässerorganismen Deutschlands*

coding system: *DV\_NR*

example: *2258*

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## **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*