



## Metadata

# Upper Rhine - Vegetation Units

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### General information

**name of the dataset:**

full name of the dataset: *Upper Rhine - Vegetation Units*

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

data type: *shape files*

**science keywords according to [GCMD](#):**

topic: *Biosphere, Land Surface*

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

*Biota, Environment*

## Technical and administrative specifications

**data format:** *others/specify*  
others/details: *esri - shape*  
**operating system:** *all Windows systems*  
**data language:** *German*  
**current access level:** *internal*  
currently available through [GBIF](#): *no*  
exchange planned: *no*  
**update level:** *others/specify*  
others/details: *in process*

### documentation:

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

### contact details:

metadata contact person:

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province, state: *Baden-Wuerttemberg*  
country: *Germany*  
web address: *www.ifgg.kit.edu/aueninstitut/intro.php&#8206;*

technical contact person:

scientific contact person:

## Intellectual property rights and citation

(if the database is already published):

**dataset creator (data compiler):**

contact name: *WWF Institute for Floodplain Ecology*

**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 cannot be used in publication.*

**citation of this dataset:**

**citation of the metadata:**

## General data specifications

### regional coverage of the dataset:

scale of the dataset:	<i>regional</i>
continents:	<i>Europe</i>
countries:	<i>Europe: Germany</i>
comments:	<i>2002, 2005, 2010 and 2013 partly</i>

## Site specifications

<b>coordinate system/grid data:</b>	<i>projected, others others: DHDN_3_Degree_Gauss_Zone_3</i>
datum (e.g. WGS84):	<i>D_Deutsches_Hauptdreiecksnetz</i>
grid data available:	<i>no</i>
comments:	<i>Rhine-Km 318 up to Rhine-Km 359</i>
site coding available:	<i>no</i>
<b>number of sites:</b>	<i>&lt;100</i>
exact number of sites:	<i>1</i>
<b>comments:</b>	<i>Floodplain type according to Koenzen (2005): nival, gefaellereiche Stromaue (&gt;0,5-1,0 pro mille), Schotter.</i>

## 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:** *no data available*

### stressors influencing the sites:

reference sites available: *no*

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
hydromorphological degradation	no	no	no	
hydrologic stress (e.g. impoundment, flow velocity reduction, hydropeaking, water abstraction, flow velocity increase)	no	no	no	

comments: *chronological comparison, data before/after hydropower plant construction*

## Biological data

### biological data origin:

organism group addressed:

*macrophytes, other group(s): riparian vegetation*

comments:

*aquatic (macrophytes) and terrestrial vegetation units were mapped in different years: 1978 and 1989/90 (the whole area), 2005 and 2013 partly  
Data allow the interpretation on species level only for the aquatic plant  
Trapa natans.*

## Sample specifications/sample resolution

### macrophytes:

#### **sample information:**

covered timeframe:

year from - to: 1978 - 2005

historical data: no

palaeo data: no

temporal resolution/frequency of sampling:

1978, 1989, (2005)

time series data: yes

comments: 1978 and 1989 the whole area, 2005 partly

#### **taxonomic resolution:**

comments: Aquatic Vegetation Units (no taxonomic level available)  
Data on species level only for the aquatic plant *Trapa natans* available.

#### **taxonomic coding:**

**sample specifications:** qualitative

replicate samples: no

specification of method(s) used for sampling and sorting:  
Aquatic Vegetation Units Mapping

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### other group(s):

#### **sample information:**

covered timeframe:

year from - to: 1978 - 2013

historical data: no

temporal resolution/frequency of sampling:

1978, 1990, (2013)

time series data: yes

comments: 1978 and 1989 the whole area, 2013 partly

#### **taxonomic resolution:**

comments: Terrestrial Vegetation Units (no taxonomic level available)

#### **taxonomic coding:**

**sample specifications:** qualitative

replicate samples: no

specification of method(s) used for sampling and sorting:  
Terrestrial Vegetation Units Mapping

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## Other specifications

### GIS layers, shapes related to the dataset:

others (specify): *others/specify*  
*Vegetation units (aquatic, terrestrial)*

availability of maps: *yes*

### quality control procedures:

Were any quality control procedures applied to your dataset?  
*no*