



## Metadata

### French rivers - fish database

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Exported from the BioFresh data portal, <http://data.freshwaterbiodiversity.eu>

Visit the BioFresh metadatabase query tool, <http://data.freshwaterbiodiversity.eu/metadb/metaDBQry>

Visit the BioFresh metadatabase full text search, <http://data.freshwaterbiodiversity.eu/metadb/metaDBfts>

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#### General information

**name of the database:**

full name of the database: *French rivers - fish database*

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

data type: *point data/observation data*

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

topic: *Terrestrial Hydrosphere*

keywords: *Fish, rivers*

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

*Biota, Environment, Inland Waters*

## Technical and administrative specifications

**data format:** *Access*  
**operating system:** *Win XP*  
**current availability:** *internal*  
currently available through [GBIF](#): *no*  
exchange planned: *no*  
**update level:** *continuously updated*  
**documentation:**  
others/details: *partial descriptions available in different documents*

**Do you plan to publish the data on the BioFresh data portal:**

**contact details:**

metadata contact person:

first, last name: *Olivier Delaigue*  
email: *olivier.delaigue@cemagref.fr*

technical contact person:

first, last name: *Olivier Delaigue*  
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scientific contact person:

first, last name: *Didier Pont*  
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**comments:** *[Metadata were harvested from the WISER metadatabase (http://www.wiser.eu/results/meta-database/details.php?id1=75&id2=22) by the BioFresh team.]*

## Intellectual property rights and citation

(if the database is already published):

### database creator (data compiler):

contact name: *ONEMA*

### data contributors to/owners of this database:

*single*

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

*Other/Additional criteria*

Other/Additional criteria:

*contact data provider for specifications*

### citation of this database:

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 database:

scale of the database: *national*  
continents: *Europe*

### spatial extend (bounding coordinates):

southernmost latitude [°]: *51.204586*  
northernmost latitude [°]: *42.295064*  
westernmost longitude [°]: *-4.989746*  
easternmost longitude [°]: *8.364789*  
minimum altitude: *-4 meters*  
maximum altitude: *4810 meters*  
countries: *Europe: France*

## Site specifications

### coordinate system/grid data:

datum (e.g. WGS84): *WGS84*  
*alphanumerical*  
example: *0102###1 or 01020112*

### number of sites:

>1000  
exact number of sites: *1952*

## Climate and environmental data

climate related data:

environmental data:

physico-chemistry data:

*ortho P, nitrate, water temperature, conductivity*

comments:

*the values are expressed in % of sites*

*ortho P: the information is related to ortho P or/and total P*

stressors influencing the sites:

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
eutrophication	no	no		algal production, oxygen concentration, nutrients synthesis done by data owners
hydromorphological degradation	no	no		impoundment, channelisation, cross section alteration, water abstraction, flow r
acidification	no	no		pH...synthesis done by data owners
organic pollution	no	no		organic matter (water sediment) synthesis done by data owners
toxic stress	no	no		based on toxic concentration but mainly to risk exposure synthesis done by data
general degradation	no	no		previous parameters

## Biological data

### biological data origin:

organism group addressed: *fish*

## Sample specifications/sample resolution

### fish:

#### **sample information:**

covered timeframe:

year from - to: *1978 - 2007*

season: *spring, summer, autumn*

temporal resolution/frequency of sampling:

*per week*

comments: *fishing period mainly in autumn*

#### **taxonomic resolution:**

*species*

percentage of species level data: *100*

#### **taxonomic coding:**

coding system: *Shortcode FR*

#### **sample specifications:**

*quantitative (abundance data), semi-quantitative*

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

*electro fishing*

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

*composite samples*

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## Other specifications

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

others (specify):                    *landuse*  
   *river networks*  
   *geology*  
   *air temperature...*

**availability of photos:**            *no*

**availability of maps:**              *no*

**quality control procedures:**