



# Metadata

## GUADALMED database

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### General information

#### name of the dataset:

full name of the dataset: *GUADALMED database*

dataset short name: *GUADALMED*

**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:

*This database contains information on macroinvertebrates and environmental characteristics of several sampling sites from the mediterranean basins of the Iberian Peninsula and Balearic Islands collected during two periods: 1999-2001 and 2003-2004*

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

topic: *Biosphere, Biological Classification*

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

*Inland Waters*

## Technical and administrative specifications

**data format:** *Access*  
**operating system:** *all Windows systems*  
**data language:** *Spanish*  
**current access level:** *web (public)*  
web address (URL): *http://ecostrimed.net/index.php?option=com\_content&task=view&id=62&Itemid=143*  
**update level:** *completed*

### documentation:

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

media for data delivery: *online internet (HTTP)*  
web address: *http://webfe04.ird.ub.es/fem/docs/guadalmed/BdD%20guadalmed%20unificada.zip*

### contact details:

#### metadata contact person:

first, last name: *Prat Narcis*  
phone: *+34 934037139*  
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province, state: *Barcelona*  
country: *Catalonia/Spain*  
web address: *www.ub.edu/ecologia*

#### technical contact person:

first, last name: *Pau Fortuñó Estrada*  
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#### scientific contact person:

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## Intellectual property rights and citation

(if the database is already published):

### dataset creator (data compiler):

contact name: *Nuria Bonada*  
contact email: *bonada@ub.edu*

### 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:

author(s): *Prat et al.*  
title: *Guadalmed project (1st and 2nd fase)*  
year: *1999-2001 and 2003-2004*

### citation of the metadata:

### comments:

## **General data specifications**

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

scale of the dataset: *regional*

continents: *Europe*

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

southernmost latitude [°]: *36.85223745033435*

northernmost latitude [°]: *42.26046618127335*

westernmost longitude [°]: *-3.6332790193142523*

easternmost longitude [°]: *2.4476469979953235*

minimum altitude: *5 metres*

maximum altitude: *1940 metres*

countries: *Europe: Spain*

### **comments:**

*covered timeframe:*

*year from: 1999 year to: 2001*

*and*

*year from: 2003 year to: 2004*

## Site specifications

**coordinate system/grid data:** *projected, UTM*  
datum (e.g. WGS84): *WGS84*  
grid data available: *no*

**other site classification parameters:**

*hydrological regime*

**site coding:** *alphanumeric*

number of digits: *4*

example: *AD08*

**number of sites:** *100 - 1000*

exact number of sites: *275*

## Climate and environmental data

**climate related data:** *no data available*

**environmental data:** *no parameter data per catchment available*

available parameters per site: *catchment land use upstream of sampling site*

available parameters per site: *Mapas Corine Land Cover 2000*

available parameters per site: *information on riparian vegetation (incl. information on modification)*

available parameters per site: *information on channel form (incl. information on modification)*

available parameters per site: *distance to source*

available parameters per site: *altitude*

available parameters per site: *hydrological regime/flow regime*

available parameters per site: *substrate composition*

**physico-chemistry data:** *nitrate, nitrite, ammonium, sulphate, chloride, sodium, magnesium, calcium, oxygen content, water temperature, pH, conductivity, suspended solids*

other physico-chemical parameters: *Potassium*

availability of physico-chemical data, if there is more than one sample per site: *per sample*

comments: *Some data not available in all sites/samples*

**stressors influencing the sites:**

reference sites available: *yes*

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

## **Biological data**

**biological data origin:**

*from sampling*

specify project:

*GUADALMED projects (1 and 2)*

organism group addressed:

*macro-invertebrates (Mollusca, Crayfish, Crabs, Ephemeroptera, Odonata, Plecoptera, Trichoptera, Chironomidae)*

## Sample specifications/sample resolution

### macro-invertebrates:

#### **sample information:**

covered timeframe:

year from - to: *1999 - 2004*

historical data: *no*

palaeo data: *no*

season: *spring, summer, autumn, winter*

temporal resolution/frequency of sampling:

*seasonally*

time series data: *no*

comments: *2 samplings campaigns: 1999-2001 and 2003-2004*

#### **taxonomic resolution:**

*family, sub-family*

#### **taxonomic coding:**

taxalist according to: *fauna europaea*

coding system: *not coded*

#### **sample specifications:**

*semi-quantitative*

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

*Kick Sampling (GUADALMED PROTOCOL)*

sample type (e.g. habitat specific samples, composite samples etc.):

*composite samples*

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

*multihabitat*

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## Other specifications

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

*no data available*

### availability of photos:

*no*

### availability of maps:

*no*

### quality control procedures:

Were any quality control procedures applied to your dataset?

*no*