



Metadata

Restoration measures Eifel-Rur area

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General information

name of the dataset:

full name of the dataset: *Restoration measures Eifel-Rur area*

dataset short name: *Eifel Rur*

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:

Investigations of restored and degraded sections of the rivers Inde, Rur, Wurm

science keywords according to [GCMD](#):

topic: *Biosphere*

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

Biota, Inland Waters

Technical and administrative specifications

data format: *Access*
operating system: *Win 7*
data language: *English*
current access level: *internal*
currently available through [GBIF](#): *no*
exchange planned: *no*
update level: *completed*
documentation:

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

no
media for data delivery: *online internet (HTTP)*

contact details:

metadata contact person:
first, last name: *Kathrin Januschke*
phone: *+49 (201) 1833113*
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institution: *Department of Aquatic Ecology, University of Duisburg-Essen*
postal code, city: *45141 Essen*
country: *Germany*

technical contact person:
scientific contact person:

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

contact name: *Kathrin Januschke*
contact email: *kathrin.januschke@uni-due.de*
contact institution: *Department of Aquatic Ecology, University of Duisburg-Essen*

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: *regional*

continents: *Europe*

countries: *Europe: Germany*

comments: *mainly 2008; only one dataset from 2010 (riparian vegetation)*

Site specifications

coordinate system/grid data: *projected, local others: DHDN_3_Degree_Gauss_Zone_3*

datum (e.g. WGS84): *DHDN*

grid data available: *no*

comments: *Bessel_1841*

other site classification parameters:

Floodplain type (Koenzen, 2005): Gefaellereiche Flussaue des Flach- und Hügellandes (Kies)

number of sites: *<100*

exact number of sites: *13*

Climate and environmental data

climate related data: *no data available*

environmental data: *no parameter data per catchment available*

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

available parameters per site: *information on embankment (incl. information on modification) data source: habitat data*

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

available parameters per site: *information on cross section (incl. information on modification) data source: habitat data*

available parameters per site: *altitude*

available parameters per site: *GIS data source: current velocity*

available parameters per site: *data source: current data using a 5-point scale (100 data points per sample)*

available parameters per site: *maximum depth*

available parameters per site: *data source: habitat data*

available parameters per site: *mean depth*

available parameters per site: *data source: habitat data*

available parameters per site: *wetted width*

available parameters per site: *data source: habitat data*

available parameters per site: *substrate composition*

available parameters per site: *data source: habitat data*

available parameters per site: *information on instream habitat (incl. information on modification)*

available parameters per site: *data source: habitat data*

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	yes	no	yes	

comments: *8 restored sections (restored in 1996, 2001, 2002, 2007) and 8 upstream non-restored sections*

Biological data

biological data origin:

from sampling

specify project:

project FKZ 3507 85 050-K1

organism group addressed:

terrestrial invertebrates, other group(s): riparian vegetation

Sample specifications/sample resolution

terrestrial invertebrates:

sample information:

covered timeframe:
year from - to: 2008 - 2008
historical data: no
season: summer
temporal resolution/frequency of sampling:

per year

time series data: no

taxonomic resolution: *species*

percentage of species level data: 100

comments: *Carabid beetles*

taxonomic coding:

taxalist according to: *Fauna Europaea*

sample specifications: *semi-quantitative*

replicate samples: no

number of samples: 13

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

Combination of pitfall traps (vegetated zones) and hand sampling (unvegetated zones); pitfall traps (4 cm diameter, 8.5 cm depth, 200 ml volume), filled with 100 ml Renner-solution (Renner 1980) and a detergent to reduce surface tension.

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

6 pitfalls in vegetated zones, 6 handsamplings in unvegetated zones

other group(s):

sample information:

covered timeframe:
year from - to: 2008 - 2008
historical data: no
season: summer
temporal resolution/frequency of sampling:

per year

time series data: no

taxonomic resolution: *species, other*

other taxonomic levels: *vegetation units*

percentage of species level data: 100

taxonomic coding:

taxalist according to: *Ellenberg (1996)*

sample specifications: *semi-quantitative*

replicate samples: no

number of samples: 11

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

Transect-based grab-sampling: length of vegetation units was measured along 3 transects per site; for each vegetation unit present in a site, coverage of plant species was recorded at three sample plots (2x3m).

Other specifications

GIS layers, shapes related to the dataset:

land use

availability of photos: *yes*

availability of maps: *no*

quality control procedures:

Were any quality control procedures applied to your dataset?

yes