General information

name of the dataset: Soellingen/Greffern - Terrestrial invertebrates

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

data type: point data/observation data

science keywords according to GCMD: Biosphere

ISO topic category according to ISO 19115: Biota
Technical and administrative specifications

data format: Excel
operating system: all Windows systems
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:
   first, last name: Gloria M. Ledesma-Krist
   phone: +49 7222 3807-22
   email: gloria.ledesma-krist@kit.edu
   institution: WWF Institute for Floodplain ecology, Karlsruhe Institute of Technology
   address: Josefstr. 1
   postal code, city: 76437 Rastatt
   province, state: Baden-Wuerttemberg
   country: Germany
   web address: www.ifgg.kit.edu/aueninstitut/intro.php#8206;

technical contact person:
scientific contact person:
Dataset: Soellingen/Grefern - Terrestrial invertebrates

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: *regional*
- continents: *Europe*
- countries: *Europe: Germany*
Dataset: Soellingen/Greffern - Terrestrial invertebrates

Site specifications

**coordinate system/grid data:**
- projected, others others: DHDN_3_Degree_Gauss_Zone_3
- D_Deutsches_Hauptideckensnetz

**datum (e.g. WGS84):**
- D_Deutsches_Hauptideckensnetz

**grid data available:**
- no

**site coding available:**
- yes
- alphanumeric

**number of sites:**
- <100
- 6

**exact number of sites:**
- 6

**comments:**
- Floodplain type according to Koenzen (2005): nival, gefaellereiche Stromaue (>0,5-1,0 pro mille), Schotter.
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 along a buffer strip (100m width on both sides) upstream (10km) of the sampling site
available parameters per site: information on floodplain inundation duration
available parameters per site: information on groundwater level and amplitude
available parameters per site: information on riparian vegetation (incl. information on modification)
comments: Information in form of analog maps
physico-chemistry data: no data available

stressors influencing the sites:
reference sites available: no

<table>
<thead>
<tr>
<th>stressor</th>
<th>restored sites available</th>
<th>data before/after restoration available</th>
<th>stressor gradient available</th>
<th>comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>hydromorphological degradation</td>
<td>no</td>
<td>no</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>hydrologic stress (e.g. impoundment, flow velocity reduction, hydropoeaking, water abstraction, flow velocity increase)</td>
<td>no</td>
<td>no</td>
<td>no</td>
<td>no</td>
</tr>
</tbody>
</table>
Biological data

biological data origin: from sampling
specify project: UVS, UVP, plan-approval procedure Polder Soellingen/Greffern

organism group addressed: terrestrial invertebrates
comments: Arthropoda, Coleoptera, Carabidae, Isopoda, Opiliones
Sample specifications/sample resolution

**terrestrial invertebrates:**

**sample information:**
- historical data: no
- season: spring, summer, autumn
- temporal resolution/frequency of sampling: some per season, some per year (only once)

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

**comments:**
Taxonomic resolution and percentage of species level data depends on taxonomic group

**taxonomic coding:**

**sample specifications:** quantitative (abundance data)
- replicate samples: no
- number of samples: 30
- specification of method(s) used for sampling and sorting: pitfalls
- sample type (e.g. habitat specific samples, composite samples etc.):
  composite samples (5 pitfalls)
Other specifications

GIS layers, shapes related to the dataset:  

no data available

quality control procedures:

Were any quality control procedures applied to your dataset?

no