General information

**name of the dataset:**
- full name of the dataset: Agricultural Streams in Finland and France
- dataset short name: AgriFinFra

**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:**
Species and physicochemical data from 29 streams in Brittany, France and South Finland sampled twice in the period of pesticide application.

**science keywords according to GCMD:**
- topic: Agriculture

**ISO topic category according to ISO 19115:**
- Biota, Environment, Inland Waters
Technical and administrative specifications

data format: Excel
operating system: Apple Mac
data language: English
current access level: internal
currently available through GBIF: no
exchange planned: no
update level: completed
documentation:
  type: scientific paper
  language: English

Do you plan to publish the data on the Freshwater Biodiversity data portal: no

media for data delivery: e-mail
others/details: senator@ecotoxicology.de

contact details:

  metadata contact person:
  first, last name: Ralf Schäfer
  phone: 06341 28031536
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  country: Germany

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  email: schaefer-ralf@uni-landau.de

  scientific contact person:
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  phone: 06341 28031536
  email: schaefer-ralf@uni-landau.de
Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

  contact name: Ralf Schäfer
  contact email: schaefer-ralf@uni-landau.de

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 offered co-authorship for publications using this dataset. Data must be publicly acknowledged and cited correctly.

citation of this dataset:

  author(s): Schäfer, R. B.; Caquet, T.; Siimes, K.; Mueller, R.; Lagadic, L.; Liess, M.
  year: 2007

citation of the metadata:

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**General data specifications**

**regional coverage of the dataset:**
- scale of the dataset: *regional*
- continents: *Europe*
- countries: *Europe: Finland, France*
### Dataset: Agricultural Streams in Finland and France

**Site specifications**

<table>
<thead>
<tr>
<th>coordinate system/grid data:</th>
<th>latitude/longitude, format: DM</th>
</tr>
</thead>
<tbody>
<tr>
<td>datum (e.g. WGS84):</td>
<td>WGS84</td>
</tr>
<tr>
<td>grid data available:</td>
<td>no</td>
</tr>
<tr>
<td>site coding available:</td>
<td>yes</td>
</tr>
<tr>
<td>example:</td>
<td>numerical</td>
</tr>
</tbody>
</table>

| number of sites:            | <100                           |
| exact number of sites:      | 29                             |
Climate and environmental data

cclimate related data:

environmental data:
available parameters per site: catchment land use upstream of sampling site
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: altitude
available parameters per site: current velocity
available parameters per site: maximum depth
available parameters per site: mean depth
available parameters per site: wetted width
available parameters per site: substrate composition
available parameters per site: information on instream habitat (incl. information on modification)

physico-chemistry data:
total P, nitrate, nitrite, ammonium, hardness, oxygen content, water temperature, pH, conductivity, colour

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

stressors influencing the sites:
reference sites available: yes

<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>eutrophication</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>toxic stress</td>
<td></td>
<td></td>
<td>yes</td>
<td></td>
</tr>
</tbody>
</table>
Biological data

biological data origin: from sampling

organism group addressed: macro-invertebrates (Mollusca, Crayfish, Ephemeroptera, Odonata, Plecoptera, Trichoptera, Chironomidae)
Sample specifications/sample resolution

**macro-invertebrates:**

**sample information:**
- covered timeframe: 2005 - 2005
- historical data: no
- palaeo data: no
- season: spring, summer
- temporal resolution/frequency of sampling: two samplings with 7 weeks temporal difference
- time series data: no
- taxonomic resolution: order, family, genus, species
- percentage of species level data: 20

**taxonomic coding:**

**sample specifications:** quantitative (abundance data)
- replicate samples: yes
- number of samples: 4
- specification of method(s) used for sampling and sorting: Surber sampling
- sample type (e.g. habitat specific samples, composite samples etc.): Habitat specific samples
### Dataset: Agricultural Streams in Finland and France

#### Other specifications

<table>
<thead>
<tr>
<th>availability of photos:</th>
<th>yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>availability of maps:</td>
<td>yes</td>
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<tr>
<td>quality control procedures:</td>
<td></td>
</tr>
<tr>
<td>comments:</td>
<td>Some photos and maps available - but maps not in digital format</td>
</tr>
</tbody>
</table>