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Keywords

phytoplankton, rivers, channels, Flanders

Short description of the dataset/summary

Monitoring data from Flemish rivers and channels. The data contains phytoplankton counts of Flemish rivers and channels.

General information

dataset entry ID:	SF_19
name of the dataset:	
full name of the dataset:	Flemish rivers phytoplankton
dataset short name:	Flemish rivers
type of dataset:	species distribution data
data type:	point data/observation data
science keywords according to GCMD:	
topic:	Biosphere, Biological Classification, Terrestrial Hydrosphere
ISO topic category according to ISO 19115:	
	Biota, Environment, Inland Waters
INSPIRE keywords according to GEMET:	
	Environmental monitoring facilities, Species distribution
own science keywords:	phytoplankton, rivers, Flanders
funding:	INBO, VMM

Technical and administrative specifications

data format: csv
operating system: all Windows systems
data language: English
current access level: web (public)
currently available through [GBIF](#): yes
exchange planned: yes
data in data repository: no

Do you plan to publish the data on the Freshwater Biodiversity Data Portal:

yes

update level: completed

documentation:

type: internal description
language: Dutch

contact details:

metadata contact person:

first, last name: Jeroen Van Wichelen
phone: +32 02 525 02 77
email: jeroen.vanwichelen@inbo.be
institution: Instituut natuur- en bosonderzoek (INBO)
address: Kliniekstraat 25
postal code, city: 1070 Anderlecht
country: Belgium

technical contact person:

first, last name: Jeroen Van Wichelen
phone: +32 02 525 02 77
email: jeroen.vanwichelen@inbo.be

scientific contact person:

first, last name: Jeroen Van Wichelen
phone: +32 02 525 02 77
email: jeroen.vanwichelen@inbo.be

Intellectual property rights and citation

dataset creator (data compiler):

contact name: Wim Vyverman
contact email: wim.vyverman@ugent.be
contact institution: Ghent University

data contributors to/owners of this dataset:

multiple
number: 2

data contributor/owner 1:

contact name: Wim Vyverman
contact email: wim.vyverman@ugent.be
contact institute: Ghent University

criteria for using this part of the dataset:

The dataset is publicly available (data portal, data archive) and can be used without restrictions, but dataset creator/data contributors must be informed

prior to publication. Data must be acknowledged and cited correctly.

data contributor/owner 2:

contact name: Jeroen Vanwichelen
 contact email: jeroen.vanwichelen@inbo.be
 contact institute: Ghent University
 criteria for using this part of the dataset:

The dataset is publicly available (data portal, data archive) and can be used without restrictions, but dataset creator/data contributors must be informed prior to publication. Data must be acknowledged and cited correctly.

citation of this dataset:

author(s): Van Wichelen, J., Fagot, M., Lavens, F. & Vyverman, W.
 title and journal (name, number, pages): Fytoplanktonanalyses van een aantal Vlaamse waterlopen ten behoeve van de Europese Kaderrichtlijn Water (VMM.ARW.001.2008)
 year: 2008
 doi: <https://doi.org/10.15468/e2l81a>

citation of the metadata:

author(s): Sweetlove M., Van Wichelen J., Verleyen E. & Vyverman W.
 title and journal (name, number, pages): Flemish rivers phytoplankton. Freshwater Metadata Journal 39: 1-4
 year: 2018
 doi: <https://doi.org/10.15504/fmj.2018.39>

General data specifications

regional coverage of the dataset:

spatial extent of the dataset: regional
 continents: Europe
 countries: Europe: Belgium

world climatic regions according to Köppen:

Group C: temperate/mesothermal climates

European ecoregions according to Illies (WFD):

Western Plains (ER13)

ecosystem type:

rivers

covered timeframe:

2007 - 2007

Site specifications

coordinate system/grid data:

latitude/longitude, format: DD

grid data available:

no

number of sites:

<100

Biological data

biological data origin:

from sampling,
 Vlaamse Mileumaatschappij VMM.ARW.001.2008

organism group addressed:

phytoplankton

Sample resolution

phytoplankton:

taxonomic resolution:

level: genus

taxonomic coding:

taxalist according to: no reference taxalist used

coding system: no coding

Other specifications

GIS layers, shape files 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

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The authors thank the Belgian Science Policy (Belspo) for funding the SAFRED project (Saving freshwater biodiversity research data) that allowed processing and publishing these data.