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Ecological potential datasets (Ecopot)

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Keywords

phytoplankton

Short description of the dataset/summary

Monitoring data from the Ecopot projects: Determining the maximal and good ecological potential, as well as the current state of Flemish regional water bodies. The data contains phytoplankton counts of Flemish lakes and pools.

General information

dataset entry ID:	SF_4
name of the dataset:	
full name of the dataset:	Ecopot
dataset short name:	Ecopot
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:	
	Habitats and biotopes, Species distribution
own science keywords:	phytoplankton, pool, lake, Flanders
related project:	VMM.AMO.KRW.BLOKK
funding:	INBO, VMM

Technical and administrative specifications

data format: csv
operating system: all operating 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

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
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web address: <https://www.inbo.be/en>

technical contact person:

first, last name: Jeroen Van Wichelen
phone: +32 02 525 02 77
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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: 3

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: Luc Denys
 contact email: luc.denys@inbo.be
 contact institute: Instituut natuur- en bosonderzoek
 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 3:

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): Louette, G., Van Wichelen, J., Packet, J., Warmoes, T., Vyverman, W., Denys, L., Van Damme, S., Van Colen, W., Schoelynck, J., Muylaert, K., Meire, P., De Smedt, S., Lock, K., Simoens, I., Van Looy, K., Leyssen, A., Pals, A. & van Dam, H.

title and journal (name, number, pages):

Bepalen van het maximaal en het goed ecologisch potentieel, alsook de huidige toestand voor de zeventien Vlaamse (gewestelijke) waterlichamen die vergelijkbaar zijn met de categorie meren

year: 2008

doi: <https://doi.org/10.15468/3pxfgi>

citation of the metadata:

author(s): Sweetlove M., Van Wichelen J., Verleyen E. & Vyverman W.

title and journal (name, number, pages):

Ecological potential datasets (Ecopot). Freshwater Metadata Journal 38: 1-4

year: 2018

doi: <https://doi.org/10.15504/fmj.2018.38>

comments:

There are two datasets published:

<https://doi.org/10.15468/3pxfgi>

<https://doi.org/10.15468/jz1cdj>

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:

lakes/ponds

covered timeframe: 2006 - 2008

Site specifications

coordinate system/grid data: latitude/longitude, format: DD

grid data available: no

site coding available: no

number of sites: <100

Biological data

biological data origin: from sampling,
Ecopot projects: VMM.AMOKRW.GROVMECH;
VMM.AMO.KRW.SCHULENS; VMM.AMO.KRW.VINNE;
VMM.AMO.KRW.BLOKK; VMM.AMO.KRW.HAZ;
VMM.AMO.KRW.ECOPOT-Meren; VMM.AMO.KRW.GAV

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.