General information

name of the dataset:

    full name of the dataset: *Müggelsee, Stechlin See, Spree*

    dataset short name: *MS, SS, Spree*

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

    data type: *point data/observation data, shape files*

science keywords according to GCMD**:**

    topic: *Biological Classification, Climate Indicators*

    keywords: *lakes, rivers, long-term research*

ISO topic category according to ISO 19115**:**

    Biota, Climatology/Meteorology/Atmosphere, Inland Waters

Technical and administrative specifications

data format:	*MySQL*
others/details:	*diverse formats*
operating system:	*Win 2000*
others/details:	*divers operating systems*
data language:	*English*
current access level:	*internal*
update level:	*continously updated*
documentation:	
type:	*scientific paper*
language:	*English*

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

media for data delivery:	*e-mail*
web address:	*Adrian@igb-berlin.de*
others/details:	*On personal request*

contact details:

metadata contact person:

first, last name:	*Adrian*
phone:	*0049 30 64181684*
email:	*adrian@igb-berlin.de*

technical contact person:

scientific contact person:

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

contact email: *Rita Adrian, Leibniz Insitite of Freshwater Ecology and Inland Fisheries*

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.*

Data exchange is possible and appreciated. Please contact Rita Adrian.

citation of this dataset:

author(s): *Rita Adrian*

citation of the metadata:

General data specifications

regional coverage of the dataset:

Site specifications

coordinate system/grid data:

Climate and environmental data

climate related data:

available per: *per site*

spatial resolution of the data (if not catchment/site related):

1 km

available parameters:

mean annual temperature January, July

IGB Data source: *Blank/VD*

mean annual temperature for each month

IGB Data source: *Blank/VD*

minimal, maximal and mean winter and summer temperatures

IGB Data source: *Blank/VD*

daily air temperatures

IGB Data source: *Blank/VD*

mean annual precipitation

IGB Data source: *Blank/VD*

winter and summer precipitation

IGB Data source: *Blank/VD*

mean discharge

IGB Data source: *Blank/VD*

environmental data:

available parameters per catchment:	*catchment size*
	IGB Data source:
available parameters per catchment:	*catchment geology*
	IGB Data source:
available parameters per catchment:	*catchment land cover/land use*
	IGB Data source:
available parameters per catchment:	*population density*
available parameters per catchment:	*hydrological regime/flow regime*
	IGB Data source:
available parameters per site:	*river length*
available parameters per site:	*slope*
available parameters per site:	*altitude*
available parameters per site:	*hydrological regime/flow regime*
available parameters per site:	*discharge*
available parameters per site:	*maximum depth*
available parameters per site:	*mean depth*

physico-chemistry data: *total P, ortho P, total dissolved P, nitrate, nitrite, total N, ammonium, oxygen content, water temperature, pH, conductivity, chlorophyll, Secci disc depth, thermocline depth*

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

per sample

comments: *30 year records (1980-ongoing). Weekly sampling interval during the growing season. Biweekly to monthly during winter.*

stressors influencing the sites:

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
eutrophication			yes	
thermal stress				

Biological data

biological data origin: *from sampling*
   specify project:

organism group addressed: *zooplankton, phytoplankton, macrophytes*

Sample specifications/sample resolution

zooplankton:
sample information:
    covered timeframe:
    year from - to: *1979 - 2010*
    historical data: *yes*
    season: *spring, autumn, winter*
    temporal resolution/frequency of sampling:
                                     per week
    time series data: *yes*
    comments: *1980 onwards*
taxonomic resolution: *genus, species*
taxonomic coding:
sample specifications:

phytoplankton:
sample information:
    covered timeframe:
    year from - to: *1979 - 2010*
    season: *spring, summer, autumn, winter*
    temporal resolution/frequency of sampling:
                                     per week
taxonomic resolution: *genus, species*
taxonomic coding:
sample specifications:

macrophytes:
sample information:

taxonomic resolution:
taxonomic coding:
sample specifications:

Other specifications

availability of photos: *yes*
availability of maps: *yes*
quality control procedures:

 Were any quality control procedures applied to your dataset?

   yes