General information

name of the dataset:

    full name of the dataset: *Limnological catalogue of Mongolian Lakes*

type of dataset (more information**):**   *environmental characteristics database*

    specify: *Limnological catalogue*

    data type: *point data/observation data, descriptive data*

    short description of the dataset/summary:

> *The Limnological catalogue of Mongolian Lakes is available at http://www.geodata.es/mongolian_lakes/.*
>
> *Mongolia is a vast Central Asian country with the world's most extreme continental climate and notable aridity. Nevertheless, it has a great abundance and variety of lakes, some of which are large enough to be classified among the largest in Eurasia. It also has a considerable network of fast-flowing rivers that ramble undisturbed through spacious alluvial plains. Human intervention is barely detectable, both due to the scant population and its traditional occupations, consisting basically of livestock grazing; this has preserved Mongolian lakes and rivers in a pristine condition up to our times.*
>
> *Since 2005 a Spanish team is prospecting Mongolia attracted by the existence of lakes with great similarities to those in the most arid Iberian territories, lakes which have either disappeared entirely in Iberia or are seriously damaged today. The Water Research Center of the National University of Mongolia, is actively involved in the project. This center is an inter schools unit allowing scientists from different disciplines at national and international institutions work together helping government and communities to manage, protect and restore water ecosystems through holistic research approach.*

science keywords according to GCMD**:**

    topic: *Biosphere*

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

    Inland Waters

Technical and administrative specifications

data format:	*others/specify*
others/details:	*PostGis*
operating system:	*Linux*
data language:	*English*
current access level:	*web (public)*
web address (URL):	*http://www.geodata.es/mongolian_lakes/*
update level:	*others/specify*
others/details:	*Database is updated yearly*
documentation:	
type:	*others/specify*
language:	*English*
others/details:	*Tipology and general limnological information of Mongolian lakes*
Do you plan to publish the data on the Freshwater Biodiversity data portal:	
media for data delivery:	*online internet (HTTP)*
web address:	*http://www.geodata.es/mongolian_lakes/*
contact details:	
metadata contact person:	
first, last name:	*Miguel Alonso*
email:	*malonso@ub.edu*
institution:	*Departament d'Ecologia, Facultat de Biologia, Barcelona University*
address:	*Diagonal 645*
postal code, city:	*08028 Barcelona*
province, state:	*Catalunya*
country	*Spain*
web address:	*http://www.ub.edu/ecologia/*
technical contact person:	
scientific contact person:	

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

contact name: *Miguel Alonso*

data contributors to/owners of this dataset:

single

criteria for using the data in a publication/scientific analysis:

The dataset is publicly available (data portal, data archive) and can be used without restrictions, but must be acknowledged and cited correctly.

citation of this dataset:

author(s): *Miguel Alonso*

title: *Limnological catalogue of Mongolian Lakes*

year: *2010*

version (if applicable): *2010*

citation of the metadata:

General data specifications

regional coverage of the dataset:

    scale of the dataset: *national*
continents: *Asia*
    countries: *Asia: Mongolia*

Site specifications

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

number of sites: *100 - 1000*
  exact number of sites: *540*

Climate and environmental data

climate related data:

environmental data:

physico-chemistry data: *conductivity, colour*

    other physico-chemical parameters*turbidity, trophic degree*

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

        per sample

stressors influencing the sites:

    reference sites available: *yes*

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
eutrophication	no	no	no	
hydromorphological degradation	no	no	no	
organic pollution	no	no	no	
general degradation	no	no	no	
hydrologic stress (e.g. impoundment, flow velocity reduction, hydropeaking, water abstraction, flow velocity increase)	no	no	no	
socio-economic stress	no	no	no	
other stressors	no	no	no	

Other specifications

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