



Metadata

OneGeology - Europe

SUPPORTED BY



Exported from the Freshwater Biodiversity Data Portal, <http://data.freshwaterbiodiversity.eu>
Visit the Freshwater Metadatabase, http://data.freshwaterbiodiversity.eu/metadb/about_metadata

General information

name of the dataset:

full name of the dataset: *OneGeology - Europe*

full name of the dataset (original/national language):

OneGeology - Europe

dataset short name:

OneGeology - Europe

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

specify: *OneGeology*

data type: *point data/observation data*

short description of the dataset/summary:

OneGeology is an international collaborative project in the field of geology supported by 118 countries, UNESCO, and major global geoscience bodies. It is an International Year of Planet Earth flagship initiative that aims to enable online access to dynamic digital geological map of the world for everyone. The project uses the GeoSciML markup language and initially targets a scale of approximately 1:1 million. Downstream uses could be to identify areas suitable for mining, oil and gas exploration or areas at risk from landslides or earthquakes, to help understanding of formations which store groundwater for drinking or irrigation, and to help locate porous rocks suitable for burying emissions of greenhouse gases. The project portal was launched on August 6, 2008 at the 33rd International Geological Congress (IGC) in Oslo, Norway.

keywords according to [GCMD](#):

topic: *Land Surface, Solid Earth*

ISO topic category according to [ISO 19115](#):

Geoscientific Information

INSPIRE keywords according to [GEMET](#):

Geology, Land use, Mineral resources, Soil

own science keywords: *geology, parameters, rocks*

funding: *UNESCO, memberships, donations*

Technical and administrative specifications

data format: *others/specify*
 others/details: *GeoSciML*
operating system: *all operating systems*
data language: *English*
 specify: *Polish and Japanese translation*
current access level: *web (public), restricted access*
 web address: <https://egeologija.si/geonetwork/srv/slv/catalog.search#/home>
 currently available through [GBIF](#): *no*
 exchange planned:
 data in data repository: *no*

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

yes

update level: *continuously updated*

contact details:

metadata contact person:

first, last name: *Nicolas Mauroy*
 phone: *+44 1316671000*
 email: *onegeology@bgs.ac.uk.*
 institution: *OneGeology - Europe*
 address: *Murchison House W Mains Rd*
 postal code, city: *EH9 3LA Edinburgh*
 country: *United Kingdom*
 web address: <https://www.onegeology.org/>

technical contact person:

first, last name: *James Passmore*
 phone: *+44 1316671000*
 email: *onegeology@bgs.ac.uk.*

scientific contact person:

first, last name: *Nicolas Mauroy*
 phone: *+44 1316671000*
 email: *onegeology@bgs.ac.uk.*

Intellectual property rights and citation

dataset publisher (if already published): *British Geological Survey* (*opens in a new tab*)

dataset creator (data compiler):

contact name: *Nicolas Mauroy*
contact email: *onegeology@bgs.ac.uk*
contact institution: *OneGeology - Europe*

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:

year: *2007*

citation of the metadata:

General data specifications

regional coverage of the dataset:

spatial extent of the dataset:	<i>global</i>
continents:	<i>Africa, North America, South America, Asia, Europe, Oceania, Antarctica</i>
countries:	<i>Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Republic of Congo, Côte d'Ivoire, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Morocco, Mozambique, Namibia, Niger, Nigeria, Réunion, Rwanda, Saint Helena, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Togo, Tunisia, Uganda, Western Sahara, Zambia, Zimbabwe, Somaliland</i> <i>North America: Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, British Virgin Islands, Canada, Cayman Islands, Clipperton Island, Costa Rica, Cuba, Dominica, Dominican Republic, El Salvador, Greenland, Grenada, Guadeloupe, Guatemala, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Navassa Island, Netherlands Antilles, Nicaragua, Panama, Puerto Rico, Saint Barthélemy, Saint Kitts and Nevis, Saint Lucia, Saint Martin, Saint Pierre and Miquelon, Saint Vincent and the Grenadines, Trinidad and Tobago, Turks and Caicos Islands, United States, United States Virgin Islands</i> <i>South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Falkland Islands, French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay, Venezuela</i> <i>Asia: Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, British Indian Ocean Territory, Brunei, Cambodia, China, Christmas Island, Cocos (Keeling) Islands, Cyprus, Georgia, Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Democratic People's Republic of Korea, Republic of Korea, Kuwait, Kyrgyzstan, Laos, Lebanon, Macau, Malaysia, Maldives, Mongolia, Myanmar (Burma), Nepal, Oman, Pakistan, Palestinian territories, Philippines, Qatar, Saudi Arabia, Singapore, Sri Lanka, Syria, Tajikistan, Thailand, Timor-Leste (East Timor), Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Vietnam, Yemen, Abkhazia, Taiwan, Nagorno-Karabakh, Northern Cyprus, South Ossetia</i> <i>Europe: Åland Islands, Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Gibraltar, Greece, Guernsey, Hungary, Iceland, Ireland, Isle of Man, Italy, Jersey, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Svalbard, Sweden, Switzerland, Ukraine, United Kingdom, Vatican City, Kosovo, Pridnestrovie (Transnistria)</i> <i>Oceania: Australia, Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, New Zealand, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu</i>

world climatic regions according to [Köppen](#):

Group A: tropical/megathermal climates

Group B: dry (arid and semiarid) climates
 Group C: temperate/mesothermal climates
 Group D: continental/microthermal climate
 Group E: polar climates
 Group H: alpine climates

European ecoregions according to Illies ([WFD](#)):

Iberic-Macaronesian Region (ER1), Pyrenees (ER2), Italy, Corsica and Malta (ER3), Alps (ER4), Dinaric Western Balkan (ER5), Hellenic Western Balkan (ER6), Eastern Balkan (ER7), Western Highlands (ER8), Central Highlands (ER9), The Carpathians (ER10), Hungarian Lowlands (ER11), Pontic Province (ER12), Western Plains (ER13), Central Plains (ER14), Baltic Province (ER15), Eastern Plains (ER16), Ireland and Northern Ireland (ER17), Great Britain (ER18), Iceland (ER19), Borealic Uplands (ER20), Tundra (ER21), Fenno-Scandian Shield (ER22), Taiga (ER23), The Caucasus (ER24), Caspic Depression (ER25), North Africa (ERX), Middle East (ERY)

ecosystem type:

rivers, lakes/ponds, wetlands, groundwater, general freshwater, coastal areas

year from

2008

comments:

Globaly

Site specifications

coordinate system/grid data: *latitude/longitude, format: DD*
grid data available: *no*

number of sites: *>1000*

Climate and environmental data

climate related data: *no climate data available*

environmental data:

available parameters per catchment: *catchment size*

available parameters per catchment: *catchment geology*

available parameters per catchment: *catchment land cover/land use*

available parameters per site: *slope*

available parameters per site: *altitude*

available parameters per site: *substrate composition*

available parameters per site: *vadose zone thickness (groundwater)*

physico-chemical data: *suspended solids, substrate, sediment/soil parameters*

stressors influencing the sites:

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
organic pollution	no	no	yes	
hydrologic stress (e.g. impoundment, flow velocity reduction, hydropeaking, water abstraction, flow velocity increase, etc.)				

Other specifications

GIS layers, shape files related to the dataset:

hydrological information (as HydroBASINS)

land use

climatic variables (current and predictions)

availability of photos:

yes

availability of maps:

yes

quality control procedures: