SUPPORTED BY

General information

name of the dataset:

 full name of the dataset: *GLOBAL SCALE ANALYSIS*

 dataset short name: *GLOBAL SCALE ANALYSIS*

type of dataset (more information**):**   *species/taxa database (e.g. red list database)*

 specify: *environmental characteristics database*

 short description of the dataset/summary:

         The database include both species richness data (from IUCN) and
         environmental data extracted at the global extent and at the catchment
         grain (HydroSHED)

science keywords according to GCMD**:**

 topic: *Biosphere, Climate Indicators, Land Surface, Paleoclimate*

 keywords: *IUCN, reptiles, amphibians, fish, crayfish, birds, climate, richness,*
          endemism,
          threatened species

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

         Biota, Climatology/Meteorology/Atmosphere, Environment

Technical and administrative specifications

data format:	*txt*
operating system:	*Linux*
data language:	*English*
current access level:	*internal*
update level:	*continously updated*
documentation:	
type:	*internal description*
language:	*English*
Do you plan to publish the data on the Freshwater Biodiversity data portal:	
media for data delivery:	*e-mail*
web address:	*e.g., 1600 Amphitheatre Parkway, Mountain View*
contact details:	

metadata contact person:

first, last name:	*Clement Tisseuil*
phone:	*00 33 1 40 79 37 45*
email:	*clement.tisseuil@gmail.com*
institution:	*Clement Tisseuil*
address:	*Institut for Research and Development*
postal code, city:	*75005 Paris*
country	*FRANCE*
web address:	*http://www.mnhn.fr/mnhn/UMR5178/equipe6/equipe6.php*

technical contact person:

first, last name:	*Clement Tisseuil*
phone:	*00 33 1 40 79 37 45*
email:	*clement.tisseuil@gmail.com*

scientific contact person:

first, last name:	*Thierry Oberdorff*
phone:	*00 33 1 40 79 37 45*
email:	*oberdorf@mnhn.fr*

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

contact name: *Thierry Oberdorff*

contact email: *oberdorf@mnhn.fr*

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.*

citation of this dataset:

author(s): *not available*

citation of the metadata:

General data specifications

regional coverage of the dataset:

scale of the dataset:	*global*
continents:	*Africa, North America, South America, Asia, Europe, Oceania, Antarctica*

spatial extend (bounding coordinates):

southernmost latitude [°]:	*-90*
northernmost latitude [°]:	*+90*
westernmost longitude [°]:	*-180*
easternmost longitude [°]:	*+180*
minimum altitude: *metres*	
maximum altitude: *metres*	

countries:

Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Democratic Republic of, Congo, Republic of, 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

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

South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Falkland Islands, French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay, Venezuela

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, Korea, Democratic People's Republic of, Korea, Republic of, 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, China, Republic of, Nagorno-Karabakh, Northern Cyprus, South Ossetia

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)
Oceania: Australia, Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, New Zealand, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu

comments: *Data are extracted at the catchment grain based on the Hydroshed version modified by IUCN*

Site specifications

coordinate system/grid data: *latitude/longitude, format: DD*
    datum (e.g. WGS84): *WGS84*
    site coding available: *yes*
                       alphanumerical
    example: *AFRI1*
number of sites: *>1000*
    exact number of sites: *39660*

Biological data

biological data origin:

IUCN

Extraction of species distribution maps to Hydroshed catchments using GIS

organism group addressed:

mammals, water birds, reptiles, amphibians, macro-invertebrates (Crayfish)

Species related information

mammals:
taxonomic resolution: *species*
taxonomic coding:
   coding system: *[genus: 4 digits][species: 8 digits]*
   example: *adelcastaneo*
availability of specific ecological/biological information:
      origin (native/introduced), endemic species, biogeographical data, Red List status/categories

water birds:
taxonomic resolution: *species*
taxonomic coding:
   coding system: *[genus: 4 digits][species: 8 digits]*
availability of specific ecological/biological information:
      origin (native/introduced), endemic species, biogeographical data, Red List status/categories

reptiles:
taxonomic resolution: *species*
taxonomic coding:
   coding system: *[genus: 4 digits][species: 8 digits]*
availability of specific ecological/biological information:
      origin (native/introduced), endemic species, biogeographical data, Red List status/categories

amphibians:
taxonomic resolution: *species*
taxonomic coding:
   coding system: *[genus: 4 digits][species: 8 digits]*
availability of specific ecological/biological information:
      origin (native/introduced), endemic species, biogeographical data, Red List status/categories

macro-invertebrates:
taxonomic resolution: *species*
taxonomic coding:
   coding system: *[genus: 4 digits][species: 8 digits]*
availability of specific ecological/biological information:
      origin (native/introduced), endemic species, biogeographical data, Red List status/categories

Other specifications

GIS layers, shapes related to the dataset:

hydrological information (as HydroSHEDS)
catchments, river-sub-basins
land use
population density
environmental variables (freshwater or terrestrial)
climatic variables (current and predictions)

availability of photos: *no*
availability of maps: *yes*
quality control procedures:

Were any quality control procedures applied to your dataset?

no