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):
  specify: species/taxa database (e.g. red list database)
  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
Dataset: GLOBAL SCALE ANALYSIS

Technical and administrative specifications

data format: txt
operating system: Linux
data language: English
current access level: internal
update level: continuously 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:
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  scientific contact person:
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  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:

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:
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, Belgium, Cyprus, 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,
Dataset: GLOBAL SCALE ANALYSIS

Serbia, Slovakia, Slovenia, Spain, Svalbard, Sweden, Switzerland, Ukraine, United Kingdom, Vatican City, Kosovo, Pridnestrovje (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

<table>
<thead>
<tr>
<th>coordinate system/grid data:</th>
<th>latitude/longitude, format: DD</th>
</tr>
</thead>
<tbody>
<tr>
<td>datum (e.g. WGS84):</td>
<td>WGS84</td>
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<tr>
<td>site coding available:</td>
<td>yes</td>
</tr>
<tr>
<td>example:</td>
<td>alphanumerical</td>
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<tr>
<td>number of sites:</td>
<td>&gt;1000</td>
</tr>
<tr>
<td>exact number of sites:</td>
<td>39660</td>
</tr>
</tbody>
</table>
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: [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: [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: [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: [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: [genus: 4 digits][species: 8 digits]
availability of specific ecological/biological information:
origin (native/introduced), endemic species, biogeographical data, Red List status/categories
Dataset: GLOBAL SCALE ANALYSIS

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