



Compendium of guidance on key global databases related to biodiversity-related conventions

March 2018



Convention on
Biological Diversity



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Compendium of guidance on key global databases related to biodiversity-related conventions

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Introduction

This compendium of guidance provides details of global-level databases relevant to the implementation of the biodiversity-related conventions. It responds to the activities and key actions set out in the table in Annex II of decision XIII/24 of the Conference of the Parties (COP) to the Convention on Biological Diversity (CBD). Specifically, activity B.1: *“Collaboration in the management of information and knowledge and alignment in national data gathering, reporting, monitoring and indicators”*.

While the report has been drafted in response to a CBD mandate, the intention is that it can be of used across global biodiversity-related conventions, including:

1. Convention on Biological Diversity (CBD)
2. Convention on Migratory Species (CMS)
3. Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)
4. Convention on Wetlands, the Ramsar Convention
5. World Heritage Convention (WHC)
6. International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA)
7. International Plant Protection Convention (IPPC)
8. International Whaling Commission (IWC)

This compendium is a compilation of available global databases. It provides a basis for increasing access to these databases through the CBD Clearing-House Mechanism and other appropriate tools, and is intended to direct Convention Parties to data and information that can inform the effective implementation of the conventions. As a next step it is intended to make this document a living document and therefore to update it when additional material becomes available and to turn the information into a searchable database online.

Although this compendium is global in scope, it is important to note that relevant regional databases exist. While regional databases are beyond the scope of this compendium, examples of regional databases are provided. Furthermore, the databases listed have been annotated using standardised fields to maximise the usefulness of this compendium to Parties and potential other users of this compendium.

Methodology

This draft compendium has been developed in three stages:

1. A desk-based review
 - Databases were included if they met the following criteria:
 - i. Global in scope (with the exception of indicative regional examples)
 - ii. Relevant to the implementation of one or more Conventions. Databases were determined to be relevant based on expert-opinion or because they are used to inform indicators for the Conventions/targets in question (identifiable by the tag ‘informs BIP indicator’)
 - iii. Available for use (e.g. through online mapping platforms, download, or data request)
 - iv. Accessible to a non-expert audience, responsible for implementing Conventions and reporting on progress

- Also drawing on previous work undertaken by UN Environment World Conservation Monitoring Centre (UNEP-WCMC) to identify key global biodiversity datasets and their linkages, including work to map the biodiversity informatics landscape¹, and the Manual of marine and coastal datasets of biodiversity importance². In addition, the work builds upon experience of managing indicators in support of MEAs and Sustainable Development Goals (SDGs) through the Biodiversity Indicators Partnership (BIP).
2. Liaison with relevant partners, including:
 - i. Major custodians of data, including the International Union for Conservation of Nature (IUCN), World Resources Institute (WRI), Global Biodiversity Information Facility (GBIF), Key Biodiversity Areas Partnership and UNESCO Intergovernmental Oceanographic Commission
 - ii. Curators of indicators, including organisations collaborating on the Biodiversity Indicators Partnership, and the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)
 - The preparation of the draft was informed by consultation with selected focal points to biodiversity-related conventions to ensure that the compendium fully meets their needs, and that the most important databases of relevance to convention implementation are covered. This was carried out in coordination with other outputs in implementation of CBD COP decision XIII/24, in order to ensure a consistent and harmonised approach.
 - The first draft was made available for discussion with participants in the margins of the twenty-first meeting of the Subsidiary Body on Scientific, Technical and Technological Advice (SBSTTA 21) to the CBD in December 2017, and participants from the CBD Clearing –House Mechanism Informal Advisory Committee (CHM IAC), which met shortly before SBSTTA 21.
3. Peer-review: The revised draft was made available for peer review during January and February 2018 to a selected group of peer reviewers via a dedicated website. This included partners identified and consulted in step 2. as well as representatives of the Secretariats of the biodiversity-related conventions.

¹ <http://wcmc.io/BiodiversityInformatics>.

² <http://wcmc.io/MarineDataManual>.

Overview of global databases related to biodiversity-related conventions

This section provides a brief description of databases, structured and colour-coded according to the following categories:

| | |
|--|--|
| Species distribution | Geographical spaces in which species are found |
| Area of biodiversity importance | Protected areas and areas of conservation interest |
| Biogeographic classification | Classification of geographical spaces according to the distribution of species |
| Environment descriptor | Physical and environmental variables |
| Ecosystem services and natural capital | Information on the benefits humans receive from ecosystems |
| Ecological status and impact | Information on the degree to which human uses have altered ecosystems |
| Databases and data portals | Collections multiple datasets, and databases that do not align with other categories |

These categories are a subset of those used in the Manual of marine and coastal datasets of biodiversity importance³. Within each category, databases are listed in alphabetical order.

The information is supplemented by Annex I, which provides metadata on each database, annotated using standardised fields, and listing relevant conventions, SDGs and associated targets. Annex I also indicates where databases draw on, or provide data to, each other. Using this information, Parties can determine the level of complexity they require (e.g. data on amphibian species from Amphibian Species of the World, or data on multiple taxa, including amphibians, from the IUCN Red List of Threatened Species).

³ Available at the following URL: <http://wcmc.io/MarineDataManual>.

Box I Example of how this compendium can be used

For each database, the annex to this compendium lists the MEAs and targets to which it may be relevant. The main text divides databases into categories, and includes only basic information. It is designed to allow users to rapidly scan for datasets of interest.

In this example, a party seeking to implement an “ecologically-representative” conservation system might explore the main text for datasets within the categories ‘areas of biodiversity importance’ and ‘biogeographic classification’,

These datasets can then be cross-checked with Annex I to identify those of relevance to the MEA/target in question (CBD/Aichi Biodiversity Target 11, in this example).

MEA: CBD

Target: Aichi Biodiversity Target 11 (*By 2020, at least 17 per cent of terrestrial and inland water areas and 10 per cent of coastal and marine areas, especially areas of particular importance for biodiversity and ecosystem services, are conserved through effectively and equitably managed, ecologically representative and well-connected systems of protected areas and other effective area-based conservation measures, and integrated into the wider landscape and seascape*)

Datasets of use (among others):

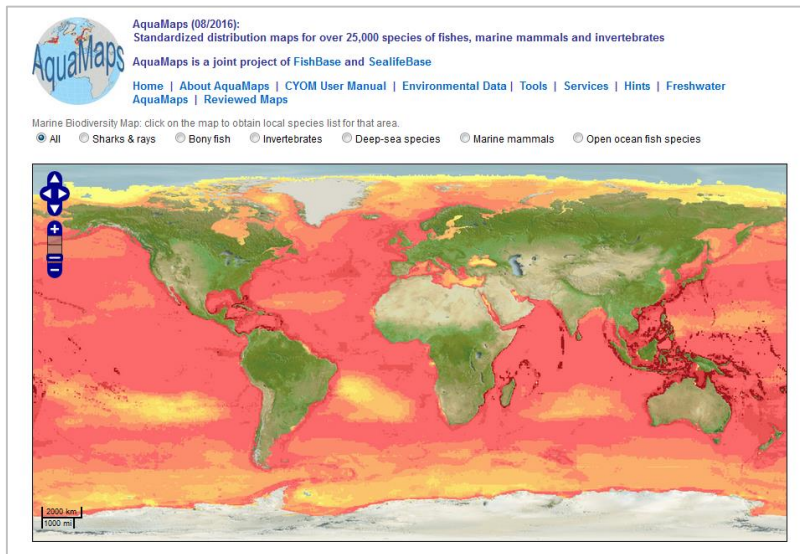


Terrestrial Ecoregions of the World



Protected Planet - World Database on Protected Areas

Rationale: Parties to the CBD have agreed to implement “ecologically-representative” conservation systems. Parties could consider using the World Database on Protected Areas (via Protected Planet) with data on global ecoregions, to assess which ecoregions present in their countries are most lacking in protection globally. This information could be used to prioritise particular areas for new protected areas.



AquaMaps

Distribution maps for fish, marine mammals and invertebrates

<http://www.aquamaps.org>



eBird

Citizen-science bird observations

<http://ebird.org/content/ebird/>

EuroOBIS European Ocean Biogeographic Information System

Home
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EuroOBIS - the European Node of the International Ocean Biogeographic Information System (OBIS) - publishes distribution data on marine species, collected within European marine waters or collected by European researchers outside European marine waters. [read more]

EuroOBIS currently holds:
796 datasets
of which 278 datasets published with DOI (1)
20,211,747 occurrence records
17,592,628 quality controlled records (87% QC'd) (1)
[more statistics]

Tweets

EuroOBIS @EurOBIS_VLIZ
Special Session on AfrReMaS and AfrOBIS at #WIOMSA2017
Nov 2, 2017

EuroOBIS @EurOBIS_VLIZ
Currently at #wiomsa2017 from 30 Oct to 3 Nov 2017, in Dar es Salaam.

European Ocean Biogeographic Information System (EuroOBIS)

Biogeographic information on marine species in the European region

<http://www.eurobis.org/>

Get data Share Tools Inside GBIF Login

GBIF | Global Biodiversity Information Facility

Free and open access to biodiversity data

OCCURRENCES SPECIES DATASETS PUBLISHERS RESOURCES

WHAT IS GBIF? ABOUT GBIF UNITED KINGDOM

Occurrence records
875,151,442

Datasets
37,221

Publishing institutions
1,129

Species
Learn more about the number of species covered by data in GBIF.org.

New call for data mobilization and portal support in Asia
13 November 2017

Assessing endemism of Japanese fungi
20 November 2017

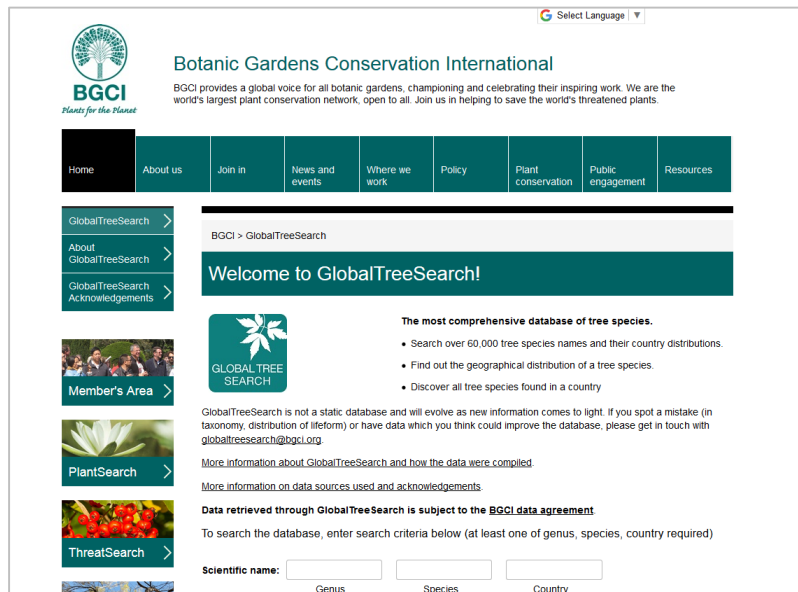
GBIF Content Mobilization Priorities 2017
Current priorities for guiding investment and effort to digitize and mobilize biodiversity data.

Tanya Abrahamse elected chair of GBIF Governing Board
16 October 2017

Global Biodiversity Information Facility (GBIF)

Information on species distributions, and changes over time, collated from over 15,500 datasets

<http://www.gbif.org>



Botanic Gardens Conservation International
BGCI provides a global voice for all botanic gardens, championing and celebrating their inspiring work. We are the world's largest plant conservation network, open to all. Join us in helping to save the world's threatened plants.

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GlobalTreeSearch >
About GlobalTreeSearch >
GlobalTreeSearch Acknowledgements >

Member's Area >
PlantSearch >
ThreatSearch >

BGCI > GlobalTreeSearch

Welcome to GlobalTreeSearch!

The most comprehensive database of tree species.

- Search over 60,000 tree species names and their country distributions.
- Find out the geographical distribution of a tree species.
- Discover all tree species found in a country.

GlobalTreeSearch is not a static database and will evolve as new information comes to light. If you spot a mistake (in taxonomy, distribution of lifeform) or have data which you think could improve the database, please get in touch with globaltreesearch@bgci.org.

[More information about GlobalTreeSearch and how the data were compiled.](#)
[More information on data sources used and acknowledgements](#)

Data retrieved through GlobalTreeSearch is subject to the [BGCI data agreement](#)

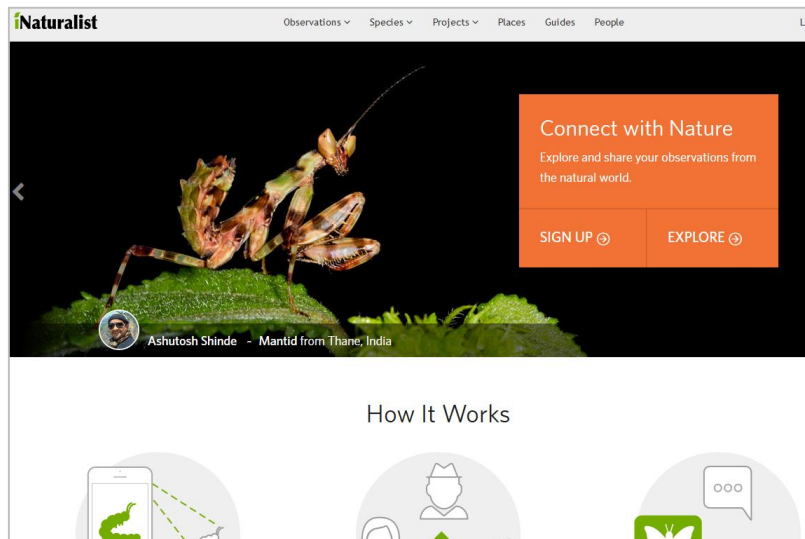
To search the database, enter search criteria below (at least one of genus, species, country required)

Scientific name:
Genus Species Country

GlobalTreeSearch

Species names and distributions for trees

[https://www.bgci.org/global tree search.php](https://www.bgci.org/global_tree_search.php)



iNaturalist Observations Species Projects Places Guides People

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Explore and share your observations from the natural world.

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Ashutosh Shinde - Mantid from Thane, India

How It Works

iNaturalist

Citizen-science data on species observations, combined with datasets from other biodiversity inventories

<http://www.inaturalist.org>

SPECIES DISTRIBUTION

Observation.org
 Add Observations Species Pics & sounds Geography This site

Recent Rarities
 Birds Mammals Reptiles and Amphibians Butterflies <select>

Generated: Tue 27 Feb 2018 15:37:20 CET next refresh: 16:07:20

| Date | Species | Location |
|------------------|---|---|
| 27-02-2018 16:07 | 1 Great Grey Shrike - <i>Lanius excubitor</i> | Oman - Sur [OM] |
| 27-02-2018 09:32 | 1 Eyebrowed Thrush - <i>Turdus obscurus</i> | Spain - Cádiz [ES] |
| 27-02-2018 06:59 | 1 Pied Bush Chat - <i>Saxicola caprata</i> | Oman - Salalah - Sahawat Farm [OM] |
| 27-02-2018 | 1 Redwing - <i>Turdus iliacus</i> | Bulgaria - Stara Zagora [BG] |
| 27-02-2018 13:46 | 2 Griffon Vulture - <i>Gypso fulvus</i> | Oman - Tawi Atayr [OM] |
| 27-02-2018 10:51 | 1 Short-tailed Albatross - <i>Phoebastria albatrus</i> | Japan [JP] |
| 27-02-2018 10:51 | 1 Black-footed Albatross - <i>Phoebastria nigripes</i> | Japan [JP] |
| 26-02-2018 16:43 | 5 Eyebrowed Thrush - <i>Turdus obscurus</i> | Spain - Cádiz [ES] |
| 26-02-2018 13:58 | 1 White-rumped Vulture - <i>Gypso bengalensis</i> | Nepal - Bardia NP [NP] |
| 26-02-2018 07:35 | 1 Ovenbird - <i>Seiurus aurocapilla</i> | Sint Eustatius - Quill National Park [BQ] |
| 26-02-2018 14:35 | 1 Greater Scaup - <i>Aythya marila</i> | Spain - Reserva Natural Laguna de Medina [ES] |
| 26-02-2018 | 1 European Herring Gull - <i>Larus argentatus</i> | Italy - Belluno (comuni) [IT] |
| 26-02-2018 17:30 | 1 Golden Eagle - <i>Aquila chrysaetos</i> | Oman - Wadi Al Maghsayl [OM] |
| 26-02-2018 | 1 Green-winged Teal - <i>Anas carolinensis</i> | France - Oye-Plage - Plazier d'Oye [FR] |
| 26-02-2018 | 2 Caspian Gull - <i>Larus cachinnans</i> | France |
| 26-02-2018 15:57 | 2 Southern Ground Hombill - <i>Bucconus leadbeateri</i> | South Africa - Kruger National Park [ZA] |
| 26-02-2018 19:26 | 1 Spotted Eagle-Owl - <i>Bubo africanus</i> | Oman - Wadi Darbat [OM] |
| 26-02-2018 16:00 | 1 Trocaz Pigeon - <i>Columba trocaz</i> | Portugal - Madeira [PT] |
| 26-02-2018 | 1 African Marsh Harrier - <i>Circus ranivorus</i> | South Africa - Marivale Bird Sanctuary [ZA] |
| 26-02-2018 13:43 | 4 Verreaux's Eagle - <i>Aquila verreauxi</i> | Oman - Dhofar [OM] |

Visit this interesting Observation.org related site : Naturbeobachtungen Nordrhein-Westfalen

News
 Transect monitoring 2018-01-16 (team observation.org)
 Underlying ideas
 Transect monitoring allows you to count and register various species groups in a standardized manner at any time, with full documented search effort and geographic reference.
 You can even do this for multiple species groups at the same time and through each other. It is important that you register all observations of the groups to be monitored. (at the moment that this is no longer feasible, you stop the transect)
 To be saved: start and end time, list of observations per type group, route travelled.
 The usable parameters per type are:

Observation.org

Community-validated species observations

<https://observation.org/>

SPECIES DISTRIBUTION

OBIS OCEAN BIOGEOGRAPHIC INFORMATION SYSTEM
 HOME ABOUT MAPPER DATA MANUAL GOVERNANCE SPONSOR LIBRARY CONTACT

OBIS is a global open-access data and information clearing-house on marine biodiversity for science, conservation and sustainable development

Explore OBIS

Taxon search: Enter taxon name
 Dataset search: Enter dataset name
 Country statistics: Select area
 Marine World Heritage Sites: Select area

Common name search: Enter common name
 Institute search: Enter institute name
 ABNI statistics: Select area
 EBSA statistics: Select area

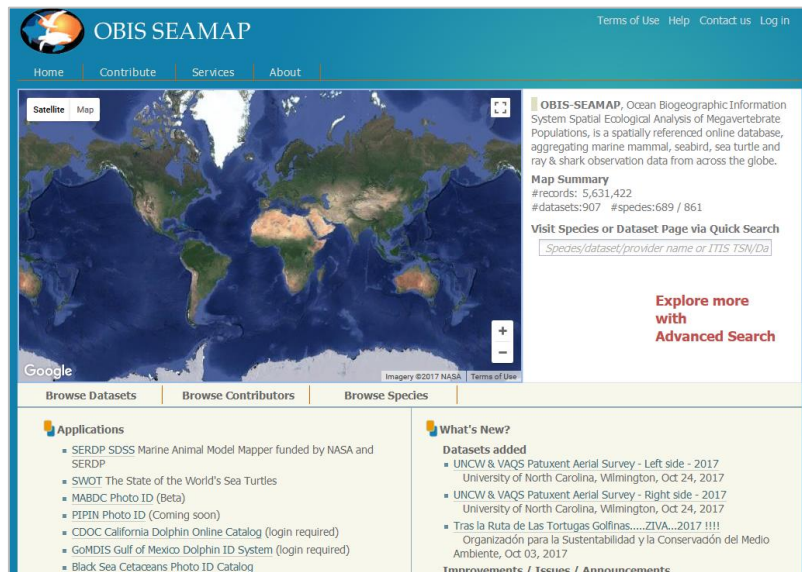
News
 Call to Contribute to Global Harmful Algal Bloom Status Reporting
 16 HAB experts from 13 countries were trained in OBIS data entry at the UNESCO-IOC headquarters in Belgium. Based on the training, the experts will be able to collect and enter data on harmful algal blooms in their respective countries.

Tweets by OBIS
 OBIS @OBISNetwork
 Ms Carmel Eje joins the OBIS Steering Group, representing the South-East Asia

Ocean Biogeographic Information System (OBIS)

Information on the distribution of marine species

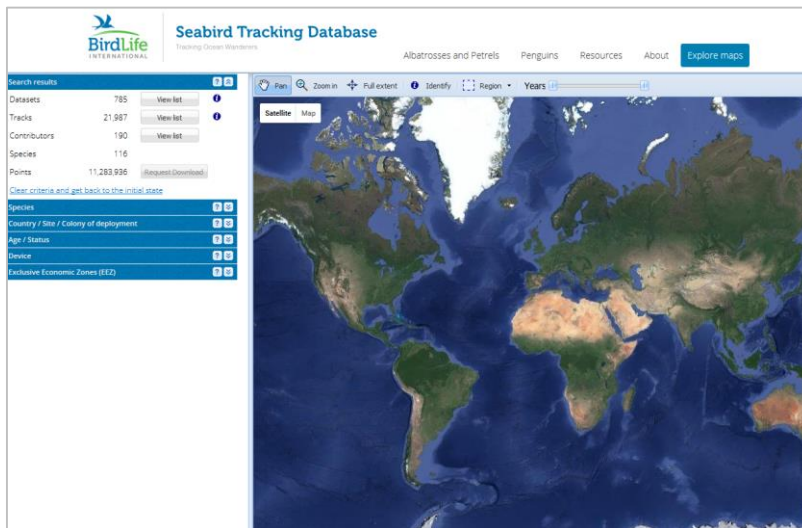
<http://www.iobis.org>



Ocean Biogeographic Information System Spatial Ecological Analysis of Megavertebrate Populations (OBIS SEAMAP)

Online database for megavertebrates (marine mammals, seabirds and sea turtles) and sharks. Includes spatial and temporal data

<http://seamap.env.duke.edu>



Seabird Tracking Database

Online mapping tool for seabird tracking

<http://seabirdtracking.org/mapper/index.php>

Waterbird Population Estimates

Waterbird population estimates and trends in support of the Ramsar Convention

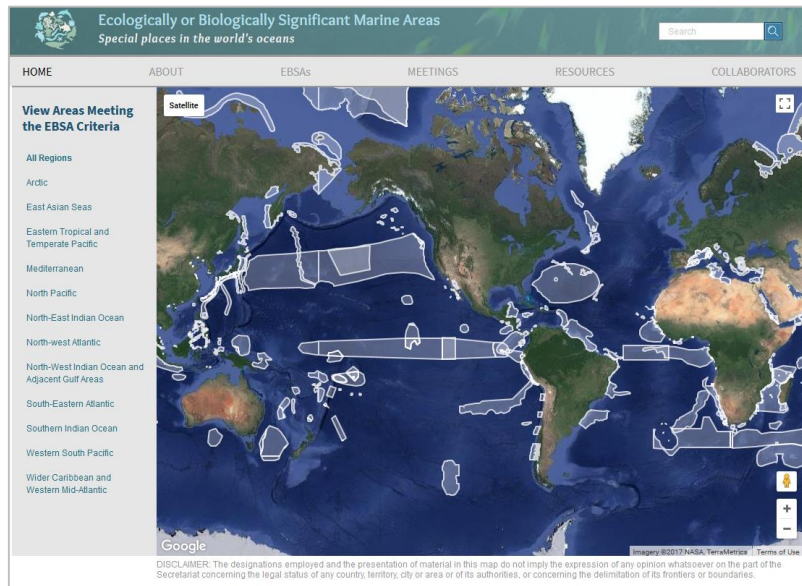
<http://wpe.wetlands.org/>

Biodiversity Hotspots

Data on 36 biodiversity hotspots, identified as areas holding high numbers of unique species, facing extreme threats, and having lost more than 70% of their original habitat

<http://www.cepf.net/resources/hotspots/>

AREA OF BIODIVERSITY IMPORTANCE

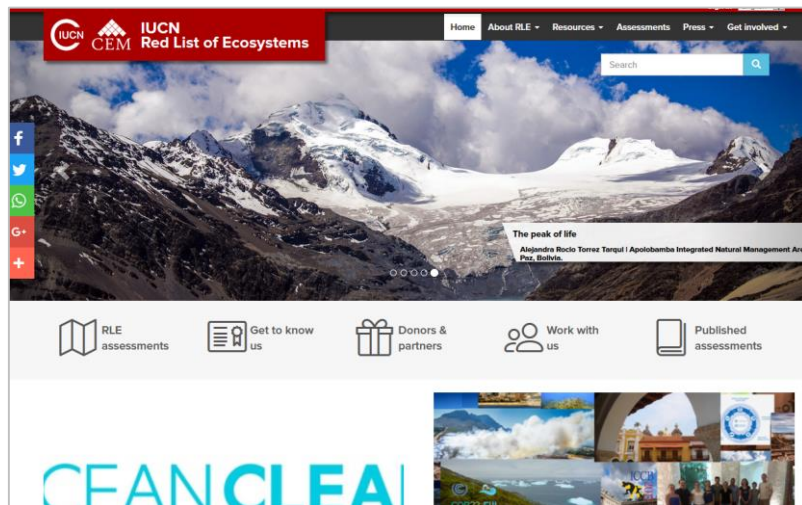


Ecologically or Biologically Significant Marine Areas (EBSA)

Data portal on EBSAs, areas identified as important for the healthy functioning of oceans and associated services

<https://www.cbd.int/ebsa/>

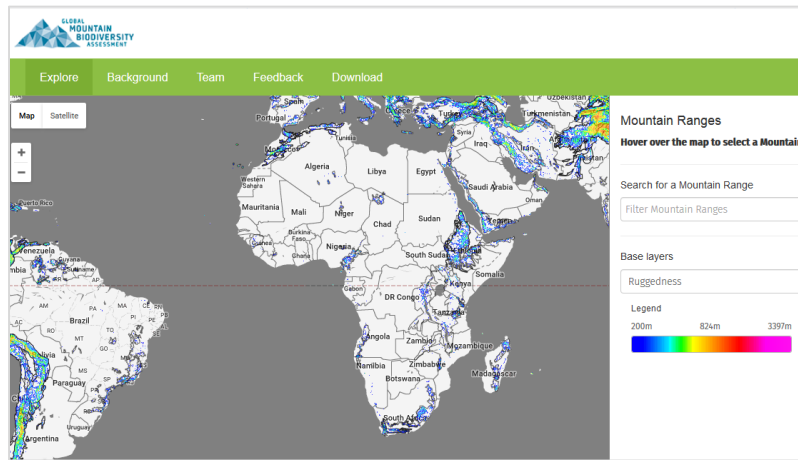
AREA OF BIODIVERSITY IMPORTANCE



International Union for Conservation of Nature Red List of Ecosystems

Assessments of the level of threat faced by ecosystems

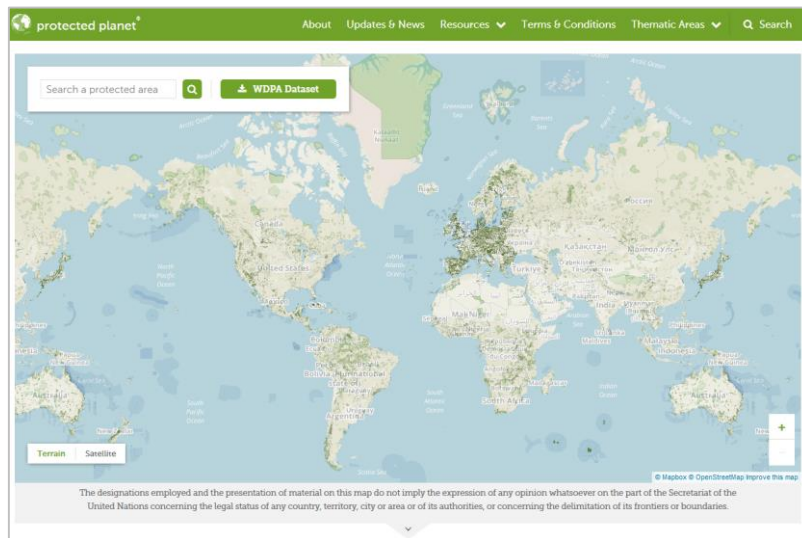
<https://iucnrle.org/>



Mountain Portal

Bioclimatic, topographic and species richness data for mountain ranges

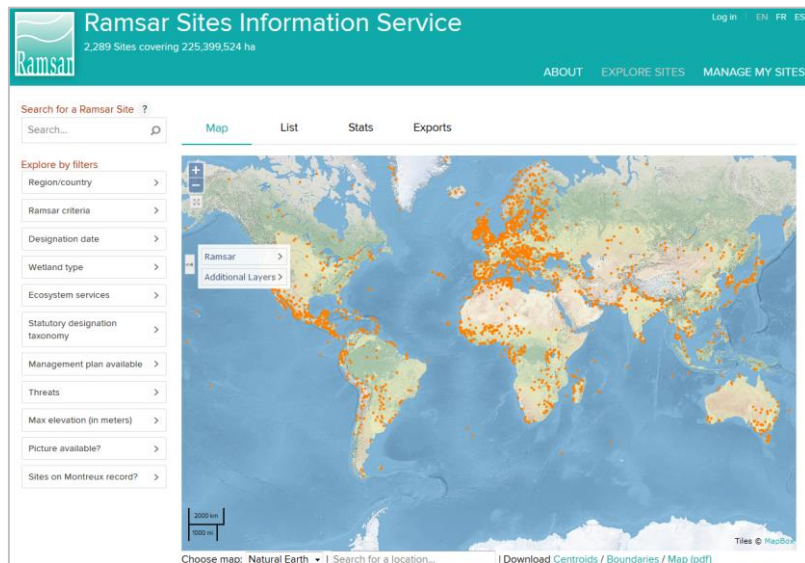
<http://www.mountainbiodiversity.org/explore>



Protected Planet

Information on marine and terrestrial protected areas, updated monthly with data submissions from governments and others

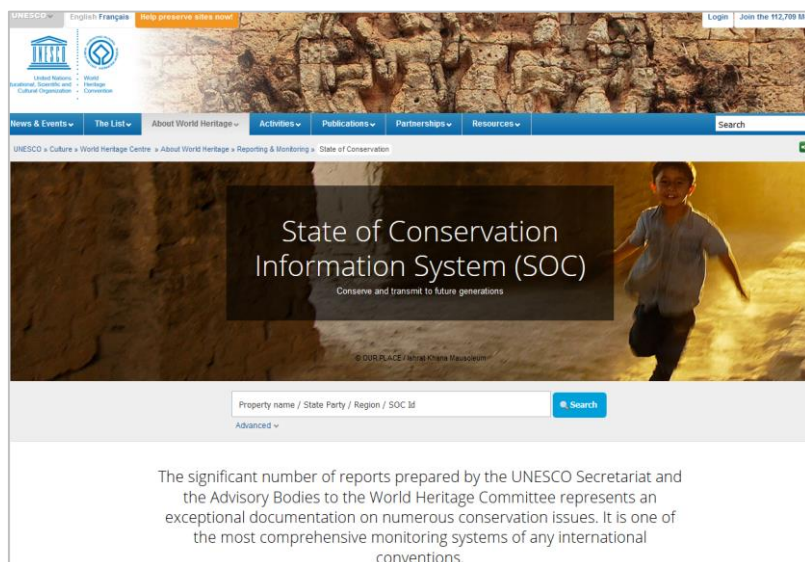
<http://www.protectedplanet.net>



Ramsar Sites Information Service (RSIS)

Information on Ramsar Sites, Wetlands of International Importance

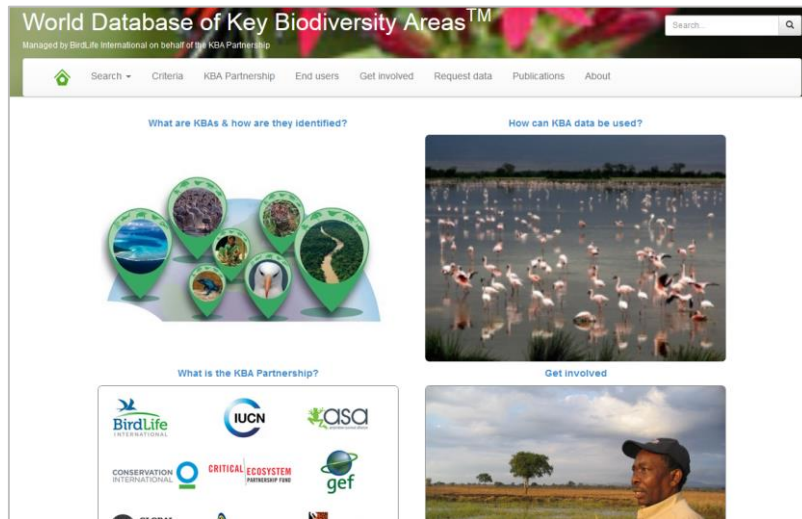
<https://rsis.ramsar.org/>



State of Conservation Information System (SOC)

Information on World Heritage Sites, and statistics on the implementation of the Convention

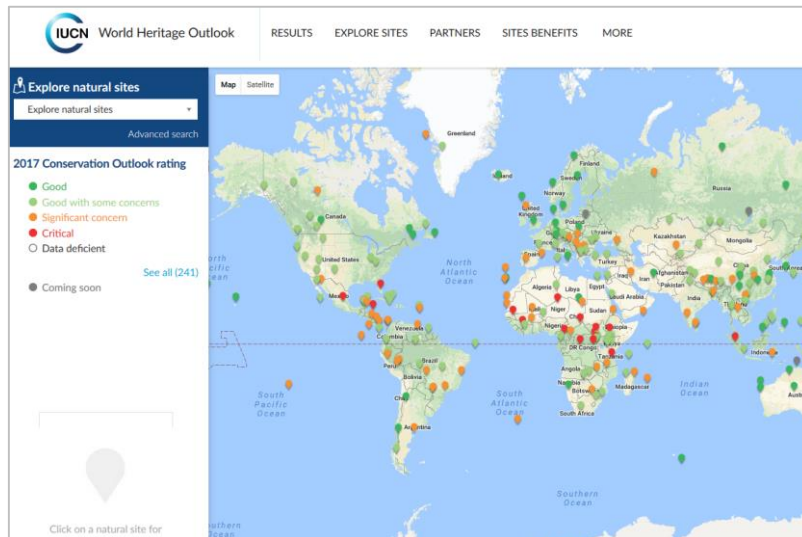
<http://whc.unesco.org/en/soc/>



World Database on Key Biodiversity Areas (WDKBA)

Data on KBAs, including Important Bird and Biodiversity Areas, Alliance for Zero Extinction sites, and other KBAs

www.keybiodiversityareas.org/



World Heritage Outlook

Information on the status of World Heritage Sites, and changes over time, in addition to current threats

<http://www.worldheritageoutlook.iucn.org/>



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CONSERVATION SCIENCE DATA AND TOOLS

Freshwater Ecoregions of the World

Freshwater Ecoregions of the World (FEOW) provides a global biogeographic regionalization of the Earth's freshwater biodiversity. The map and associated species data comprehensively cover the globe. Distribution data of freshwater fish, amphibians, turtles, and crocodiles are available at the ecoregion level. The map and associated data provide a useful tool for underpinning global and regional conservation planning, particularly for identifying outstanding and imperiled freshwater systems; serving as a logical framework for large-scale conservation strategies; providing a global-scale knowledge base for increasing freshwater biogeographic literacy.

The freshwater ecoregion map serves as a complement to the global terrestrial and marine ecoregion maps and differs from them in that freshwater species (primarily fish) and freshwater processes drove the map delineation.

FEOW has been developed by the WWF Conservation Science Program in partnership with The Nature Conservancy and 200 freshwater scientists from institutions around the world.

View and download the data

Citation: Abell, R., M. Thieme, C. Revenga, M. Bryer, M. Kottelat, N. Bogutskaya, B. Coad, N. Mandrak, S. Contreras-Balderas, W. Bussing, M. L. J. Stassny, P. Skelton, G. R. Allen, P. Unmack, A. Naseka, R. Ng, N. Sidorf, J. Robertson, E. Armijo, J. Higgins, T. J. Heibel, E. Wikramanayake, D. Olson, H. L. Lopez, R. E. d. Reis, J. G. Lundberg, M. H. Sabaj Perez, and P. Petry. 2008. Freshwater ecoregions of the world: A new map of biogeographic units for freshwater biodiversity conservation. *BioScience* 58:403-414.

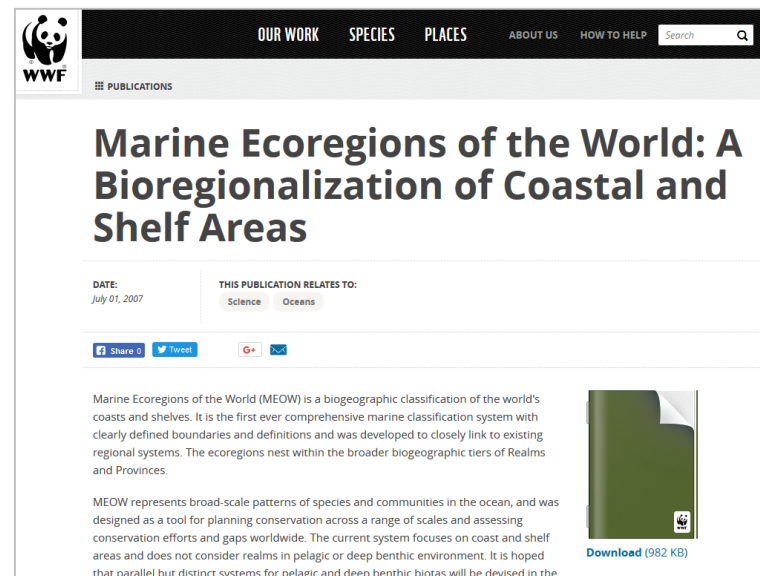
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Freshwater Ecoregions of the World

Biogeographic classification of the world's freshwater biodiversity

<https://www.worldwildlife.org/pages/freshwater-ecoregions-of-the-world--2>



WWF

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PUBLICATIONS

Marine Ecoregions of the World: A Bioregionalization of Coastal and Shelf Areas


DATE: July 01, 2007

THIS PUBLICATION RELATES TO: Science Oceans

Share 0 Tweet

Marine Ecoregions of the World (MEOW) is a biogeographic classification of the world's coasts and shelves. It is the first ever comprehensive marine classification system with clearly defined boundaries and definitions and was developed to closely link to existing regional systems. The ecoregions nest within the broader biogeographic tiers of Realms and Provinces.

MEOW represents broad-scale patterns of species and communities in the ocean, and was designed as a tool for planning conservation across a range of scales and assessing conservation efforts and gaps worldwide. The current system focuses on coast and shelf areas and does not consider realms in pelagic or deep benthic environment. It is hoped that parallel but distinct systems for pelagic and deep benthic biotas will be devised in the

 Download (982 KB)

Marine Ecoregions of the World

Biogeographic classification of the world's marine area into 12 realms, 62 provinces and 232 ecoregions

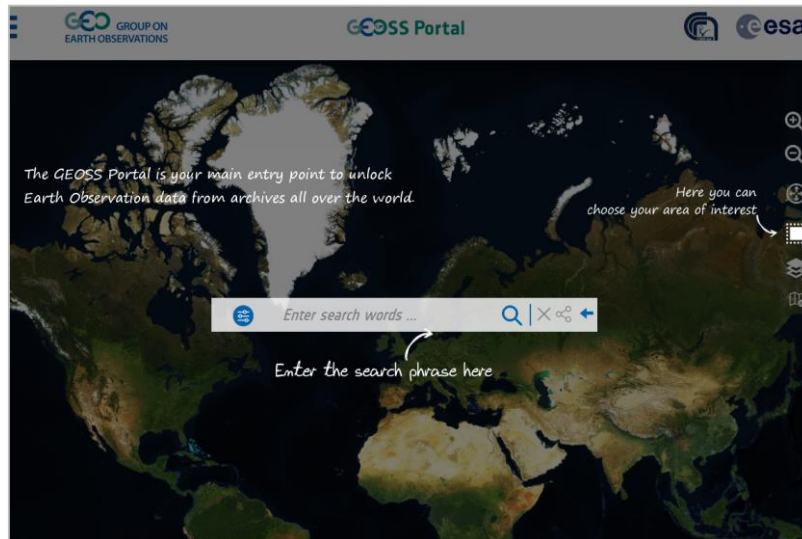
<https://www.worldwildlife.org/publications/marine-ecoregions-of-the-world-a-bioregionalization-of-coastal-and-shelf-areas>



Terrestrial Ecoregions of the World

Biogeographic classification of the world's terrestrial area into 14 biomes and 867 ecoregions

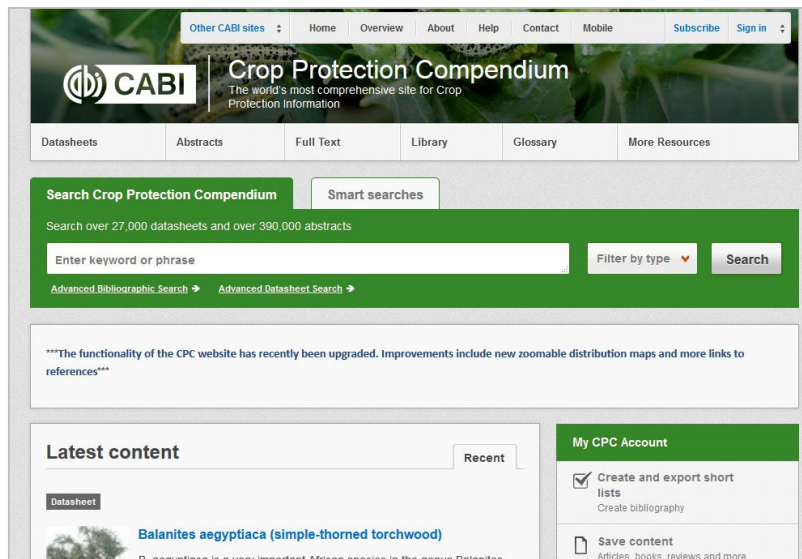
<https://www.worldwildlife.org/publications/terrestrial-ecoregions-of-the-world>



Global Earth Observations System of Systems Portal (GEOSS Portal)

Information portal for GEOSS, a set of earth observation and processing systems

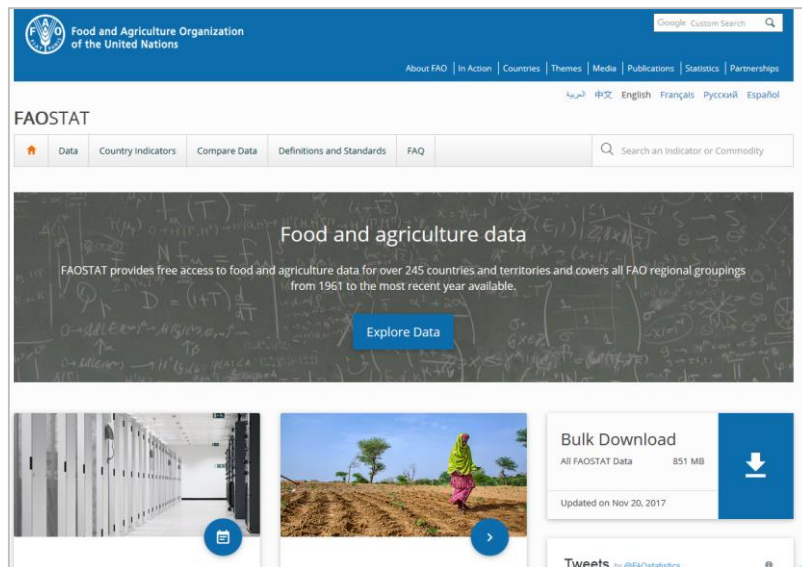
<http://www.geoportal.org/>



Centre for Agriculture and Biosciences International Crop Protection Compendium (CABI CPC)

Science-based information on all aspects of crop protection

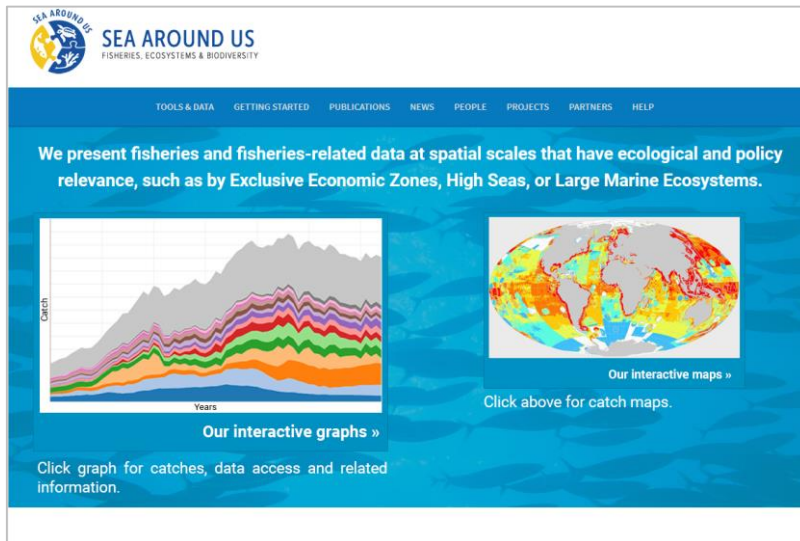
<https://www.cabi.org/cpc>



FAOSTAT

Data on food and agriculture

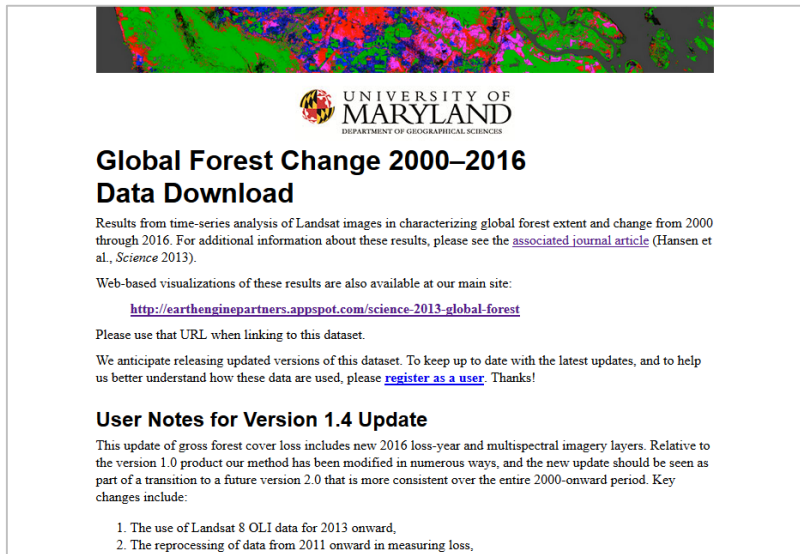
<http://www.fao.org/faostat/>



Sea Around Us (SAU)

Data on the impacts of marine fisheries on ecosystems to support policy-making

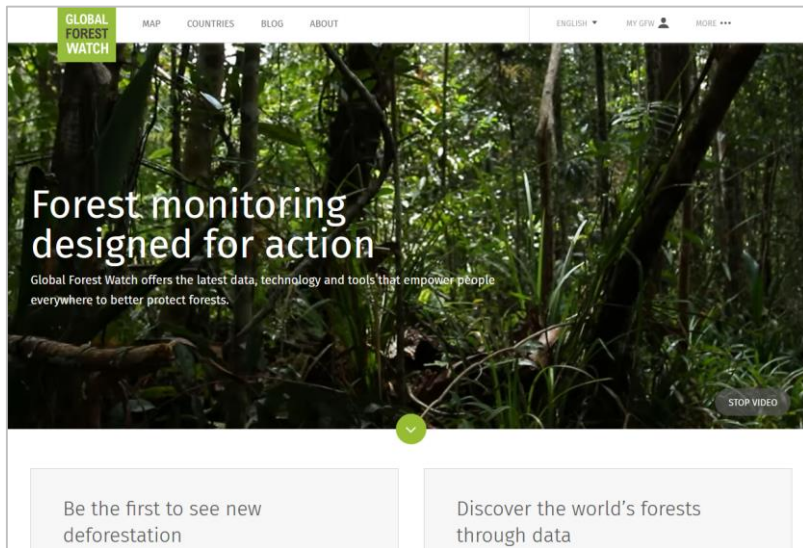
<http://www.searoundus.org>



Global Forest Change 2000 - 2016

Remotely-sensed data on forest cover, loss and gain

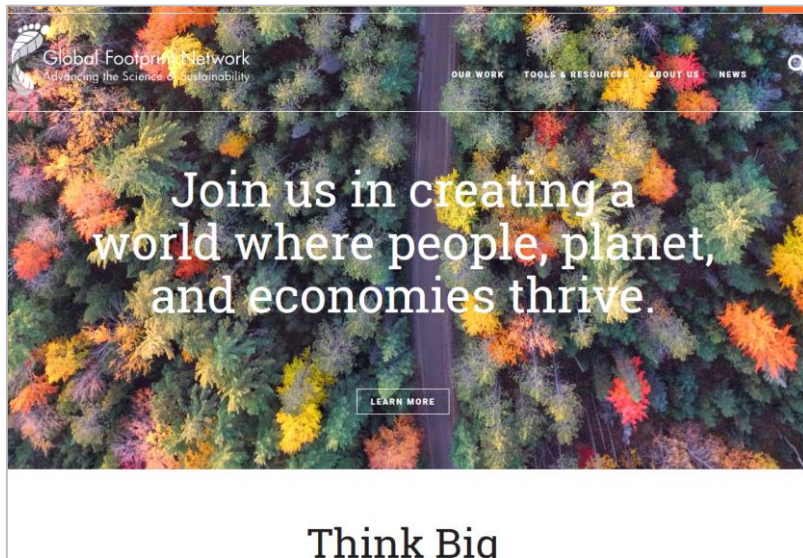
https://earthenginepartners.appspot.com/science-2013-global-forest/download_v1.4.html



Global Forest Watch (GFW)

Mapping application for near-real-time information on forest loss

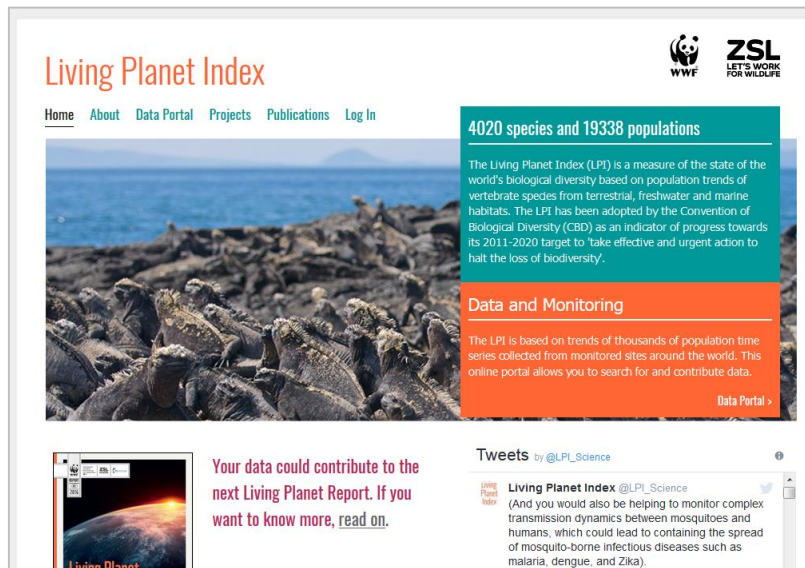
<http://www.globalforestwatch.org>



Global Footprint Network (GFN)

Data-driven metric on global sustainability

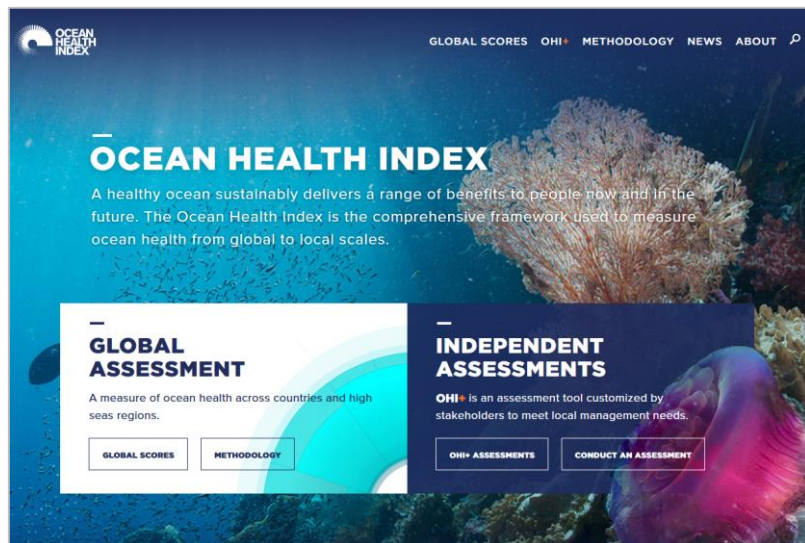
<http://data.footprintnetwork.org/>



Living Planet Index (LPI)

Portal for the LPI, a measure of global biodiversity focused on vertebrates

<http://www.livingplanetindex.org>

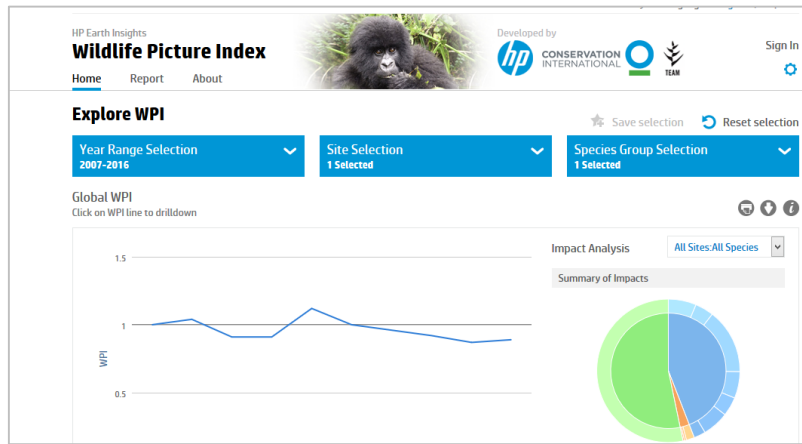


Ocean Health Index (OHI)

Online portal for the OHI, a global measurement of ocean health

<http://www.oceanhealthindex.org>

<http://ohi-science.org>



Wildlife Picture Index (WPI)

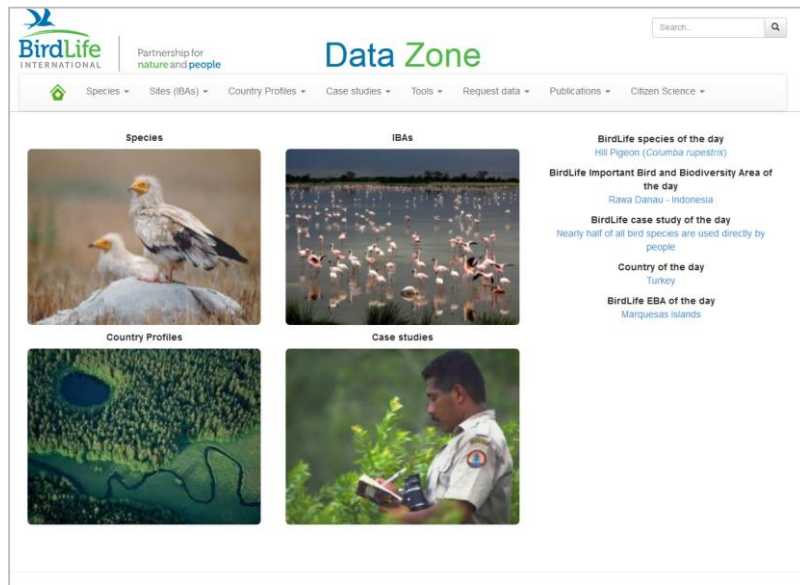
Portal for the WPI indicator, which measures biodiversity trends based on data on ground-dwelling tropical medium and large mammals and birds

<http://wpi.teamnetwork.org/wpi/dashboard>

AmphibiaWeb

Online platform on amphibian biology and conservation

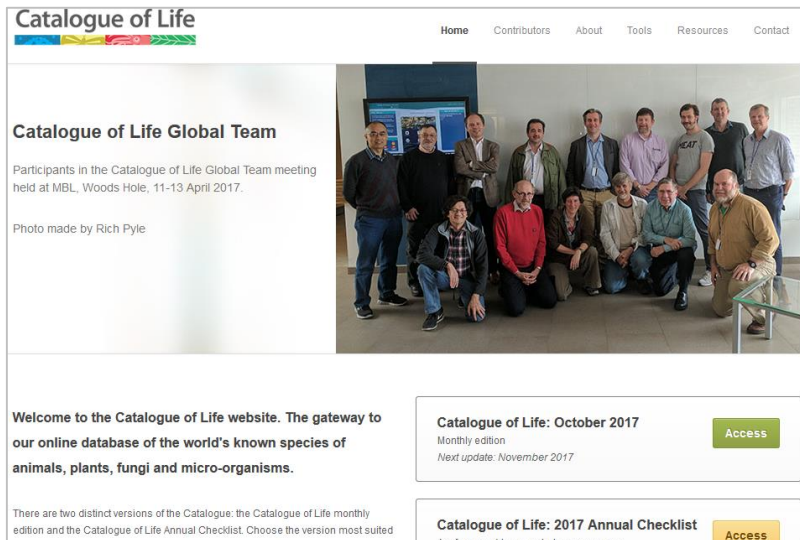
<http://www.amphibiaweb.org>



BirdLife Data Zone

Information on species, Important Bird and Biodiversity Areas, and country profiles

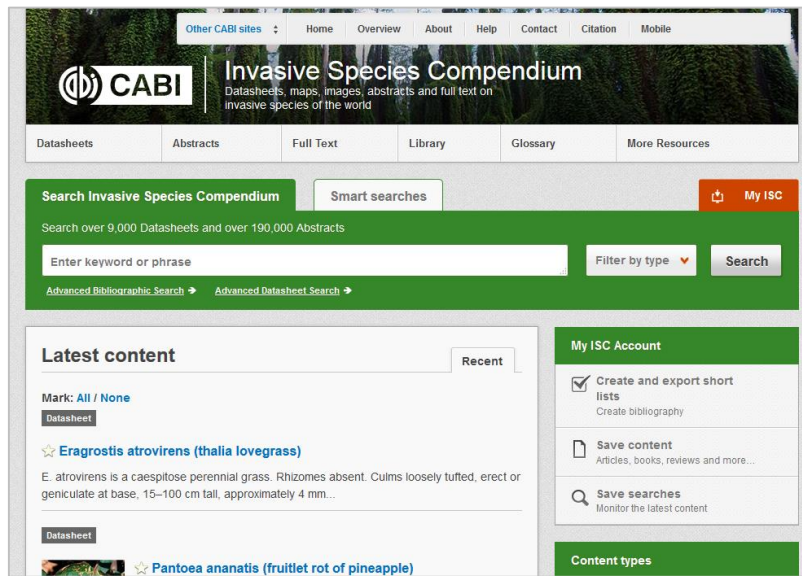
<http://datazone.birdlife.org/>



Catalogue of Life (COL)

Catalogue of names, relationships and distributions of species

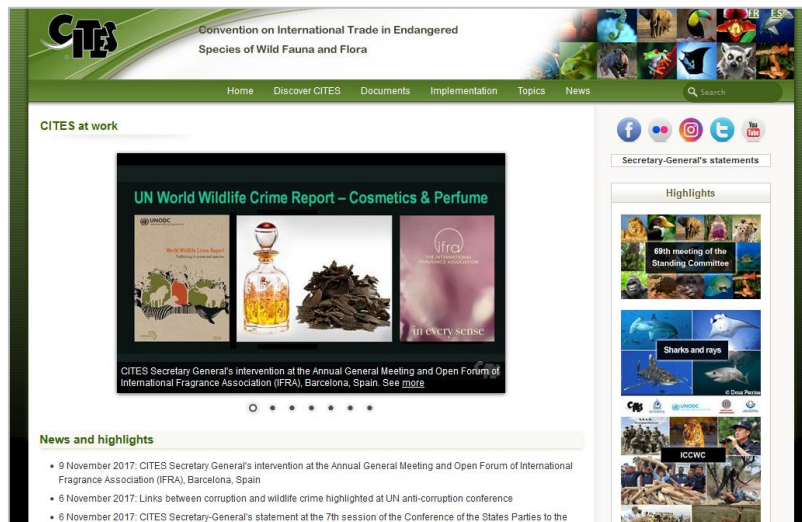
<http://www.catalogueoflife.org>



Centre for Agriculture and Biosciences International Invasive Species Compendium (CABI ISC)

*Science-based information to support decision-making on
invasive species management*

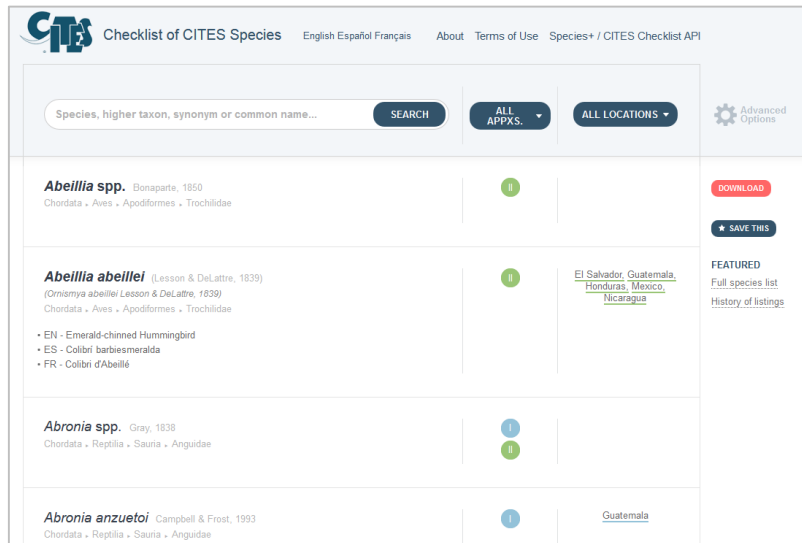
<http://sites.cabi.org/isc/>



Convention on International Trade in Endangered Species of Wild Fauna and Flora Appendices (CITES Appendices)

Appendices I, II and III of the CITES Convention

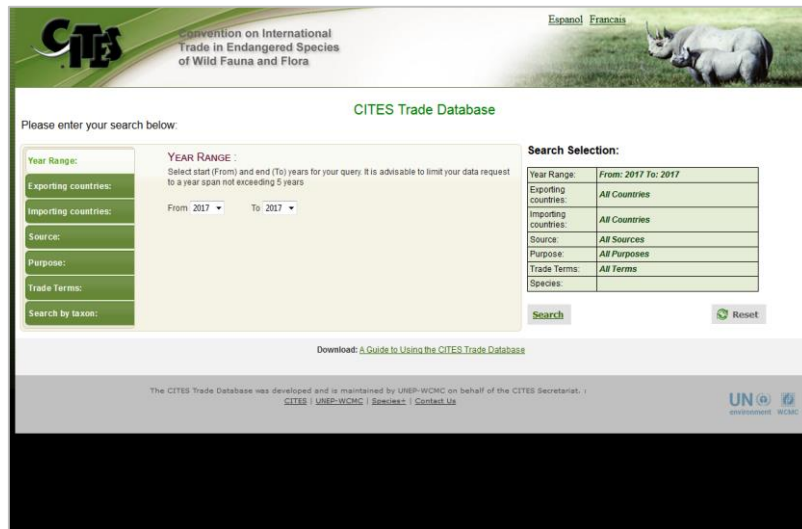
<https://www.cites.org/>



Convention on International Trade in Endangered Species of Wild Fauna and Flora Checklist (CITES Checklist)

Online platform with details of CITES-listed species, including scientific names, synonyms, and information on historical changes in protection-level

<http://checklist.cites.org/>



Convention on International Trade in Endangered Species of Wild Fauna and Flora Trade Database (CITES Trade Database)

Information on exports and imports of CITES-listed species

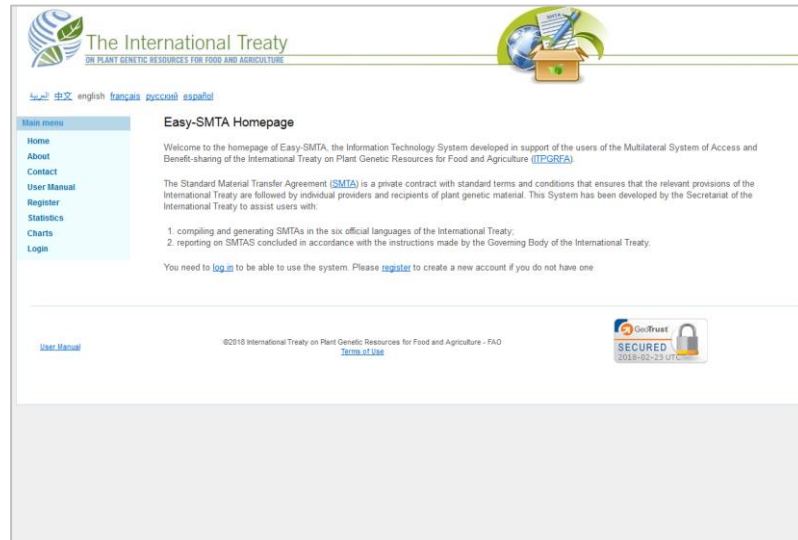
<http://trade.cites.org>



Digital Observatory for Protected Areas (DOPA)

Data on protected areas combined with information on species richness, ecoregions, land-use and population

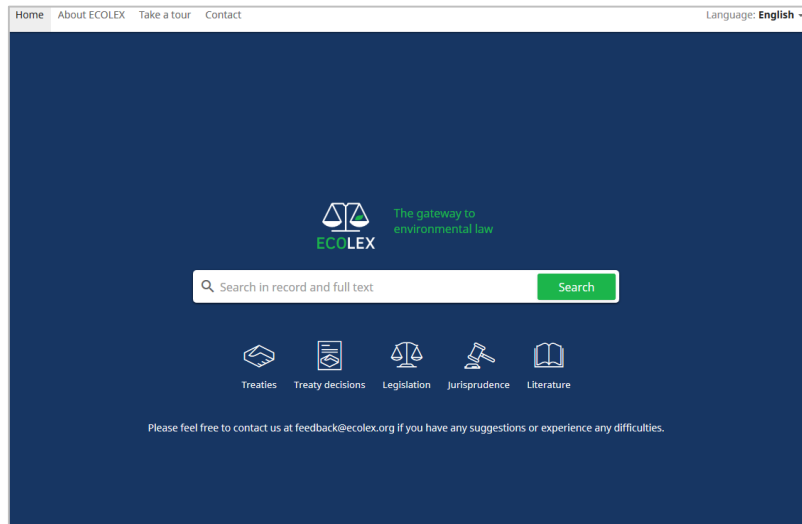
<http://dopa.jrc.ec.europa.eu>



Easy Standard Material Transfer Agreement (Easy-SMTA)

Statistics on global planet germplasm flow

<https://mls.planttreaty.org/itt/index.php>



Ecolex

Information service on environmental law

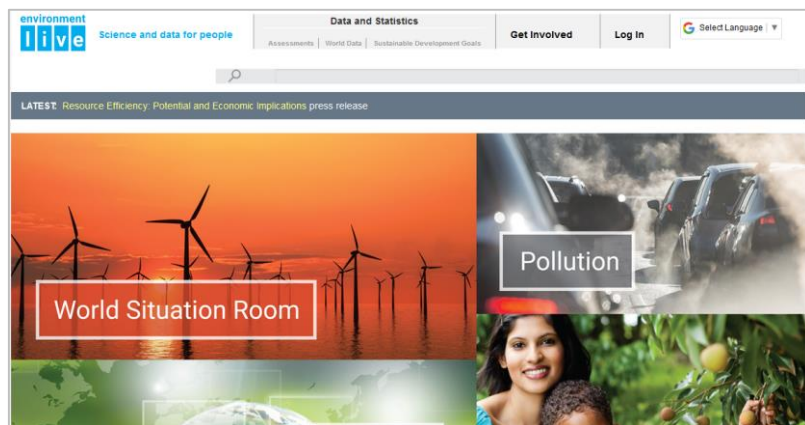
<https://www.ecolex.org/p/about/>



Encyclopedia of Life (EOL)

Online system bringing together biodiversity information from books, journals, websites and specimen collections

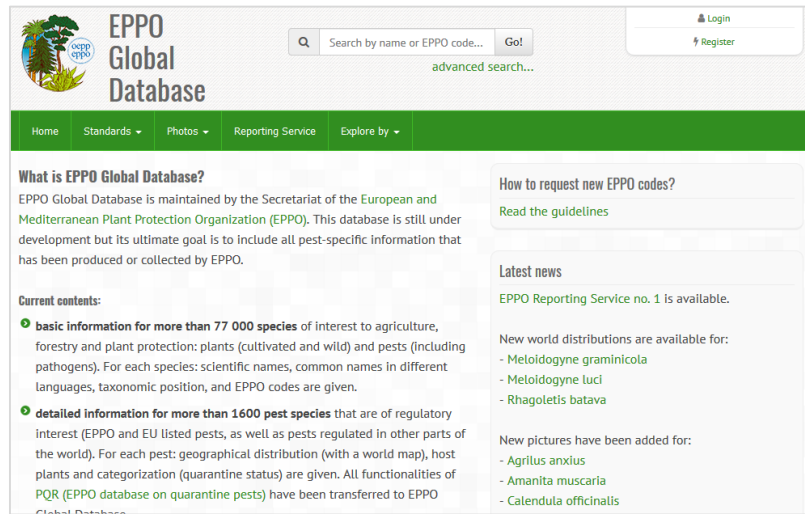
<http://eol.org>



Environment Live

Information on the environment for UN member states

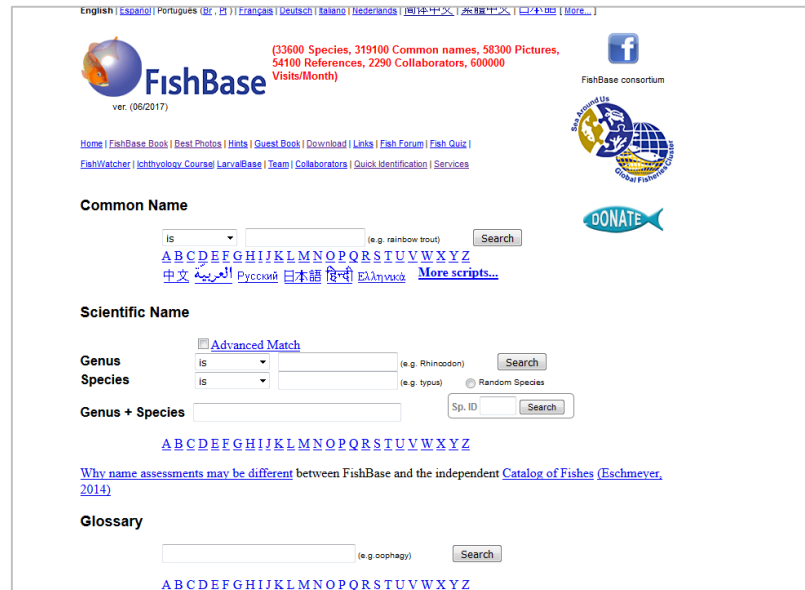
<https://environmentlive.unep.org/>



EPPO Global Database

Data on plants and pests of relevance to agriculture, forestry and plant protection

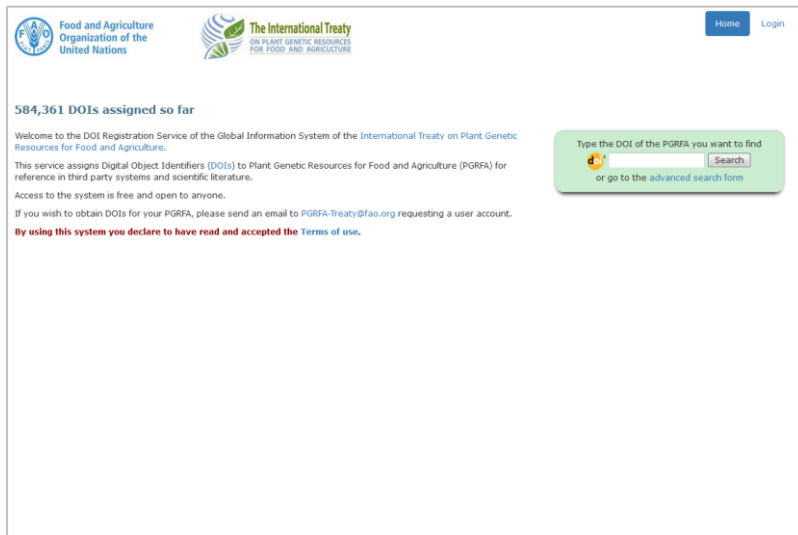
<https://gd.eppo.int/>



FishBase

Data on multiple aspects of fish biology and distribution

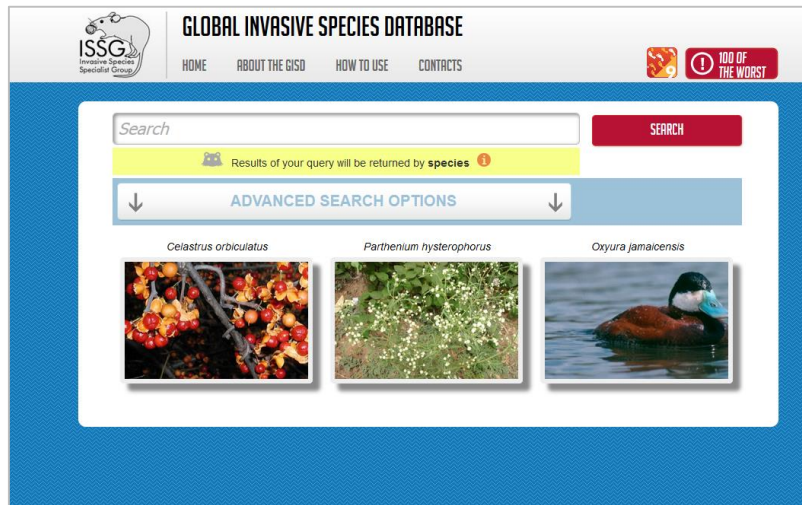
<http://www.fishbase.org>



Global Information System on Plant Genetic Resources for Food and Agriculture (GLIS)

Entry point for information to strengthen the conservation, utilisation and management of plant genetic resources for food and agriculture

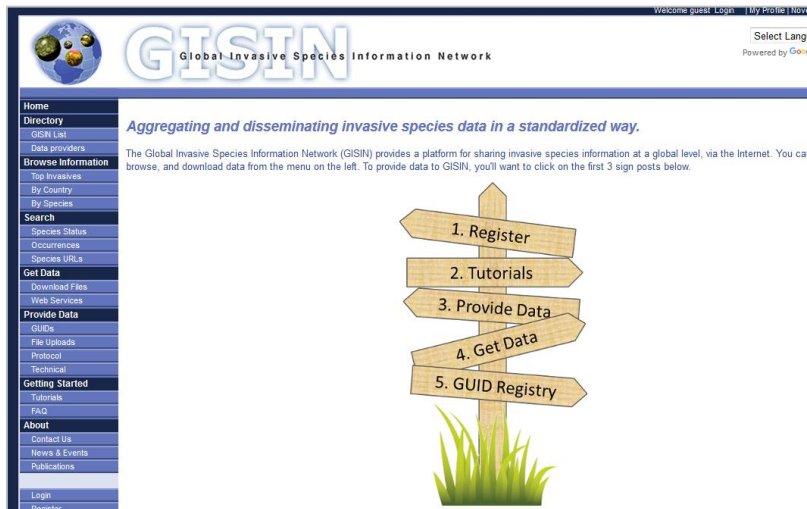
<https://ssl.fao.org/glis/>



Global Invasive Species Database (GISD)

Information on alien and invasive species

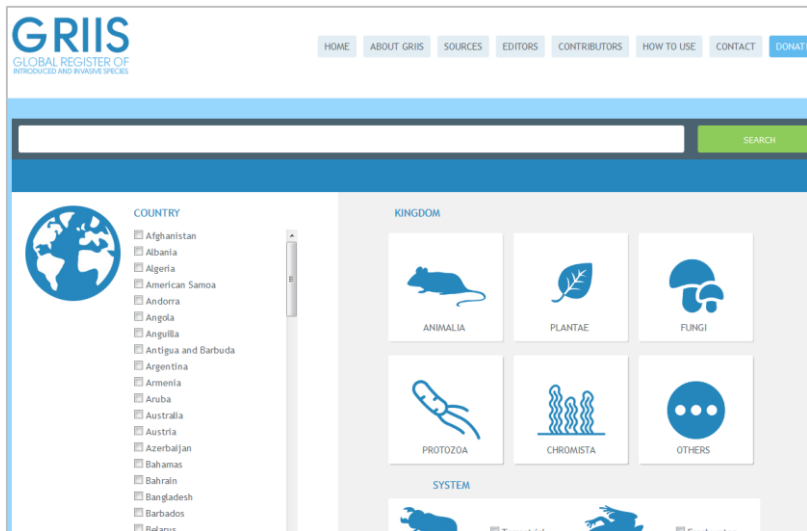
<http://www.iucngisd.org/gisd/>



Global Invasive Species Information Network (GISIN)

Platform for global sharing of invasive species information

<http://www.gisin.org/>



Global Register of Introduced and Invasive Species (GRIIS)

National inventories of introduced and invasive species

<http://www.griis.org/>

Results for: List of Regulated Pests (1-175 of 175)

| Country | Title | Date Published | Last updated |
|---------------------|--|----------------|--------------|
| Albania | Regulated pests in Albania | 24 Feb 2005 | 24 Feb 2005 |
| Algeria | Liste des organismes nuisibles | 05 Sep 2013 | 28 Nov 2017 |
| Angola | lista de pragas e doencas | 01 Oct 2010 | 01 Oct 2010 |
| Antigua and Barbuda | Quarantine pests of Antigua and Barbuda | 20 Nov 2005 | 17 Nov 2005 |
| Argentina | Listado de plagas cuarentenarias- Julio 2007 | 07 Nov 2007 | 14 Sep |

International Plant Protection Convention List of Regulated Pests

Lists of regulated pests grouped by country

<https://www.ippc.int/en/countries/all/regulatedpests/>

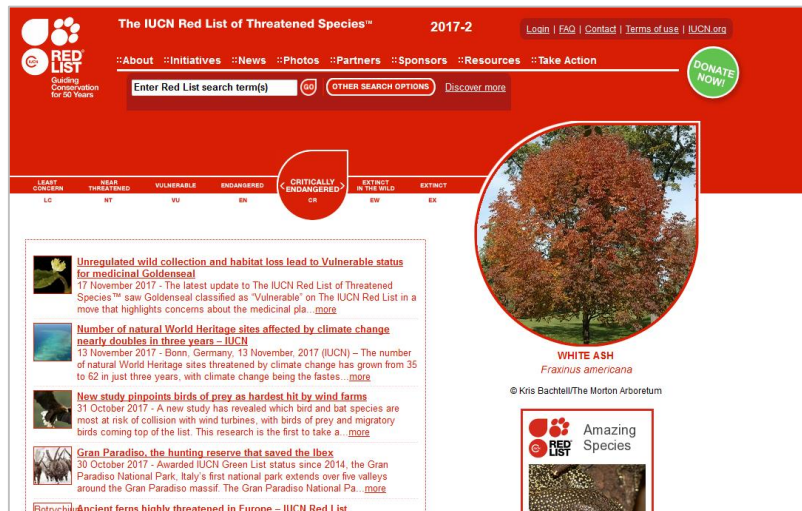
Results for: Pest status (1-86 of 86)

| Country | Title | Date Published | Last updated |
|---------------------------------------|---|----------------|--------------|
| Armenia | list of quarantine organisms of Armenia | 27 Feb 2017 | 27 Feb 2017 |
| Belarus | особо опасные организмы | 23 Feb 2017 | 23 Feb 2017 |
| Congo, The Democratic Republic of the | Répartition géographique des Nuisibles non réglementés en R.D Congo | 27 Jun 2013 | 27 Jun 2013 |
| Fiji | Fiji Pest Status | 01 Apr 2015 | 01 Apr 2015 |
| France | EPPO global data base (https://gd.eppo.int) | 10 Feb 2016 | 10 Feb 2016 |

International Plant Protection Convention Pest Status

Information on the status of pest species

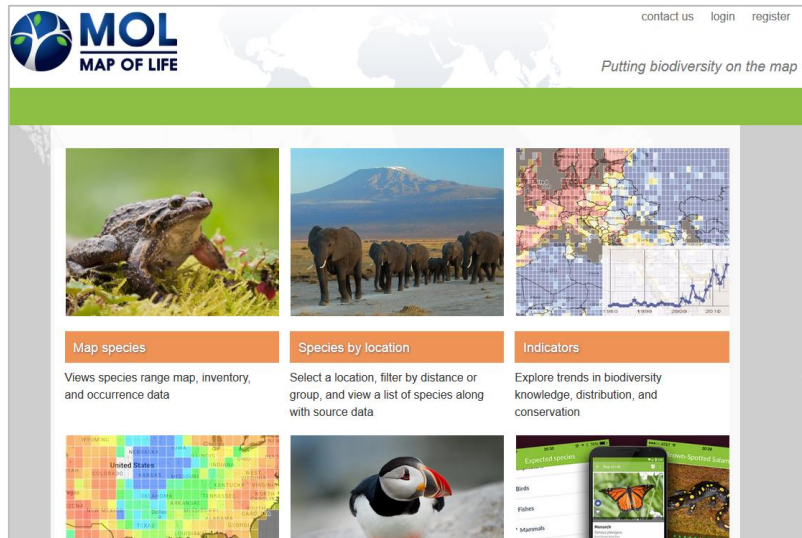
<https://www.ippc.int/en/countries/all/peststatus/>



International Union for Conservation of Nature Red List of Threatened Species

Taxonomic, conservation status and distribution data for species that have been assessed against the IUCN Red List Categories and Criteria

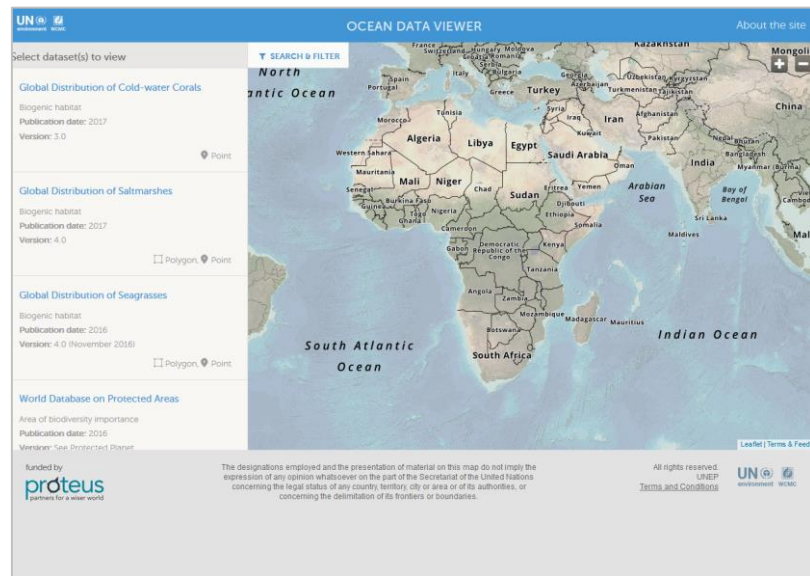
<http://www.iucnredlist.org>



Map of Life (MOL)

Data on species ranges and species lists

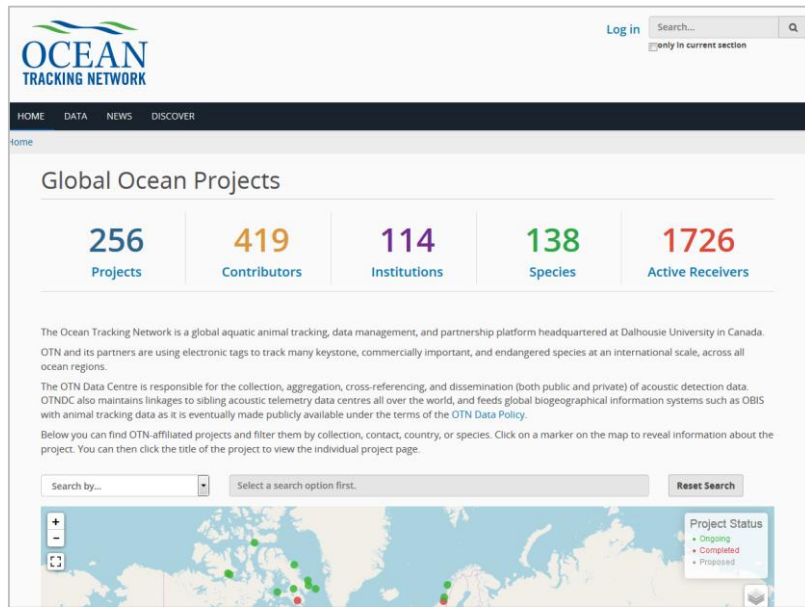
<https://mol.org/>



Ocean Data Viewer (ODV)

Spatial datasets relevant to the conservation of marine and coastal biodiversity

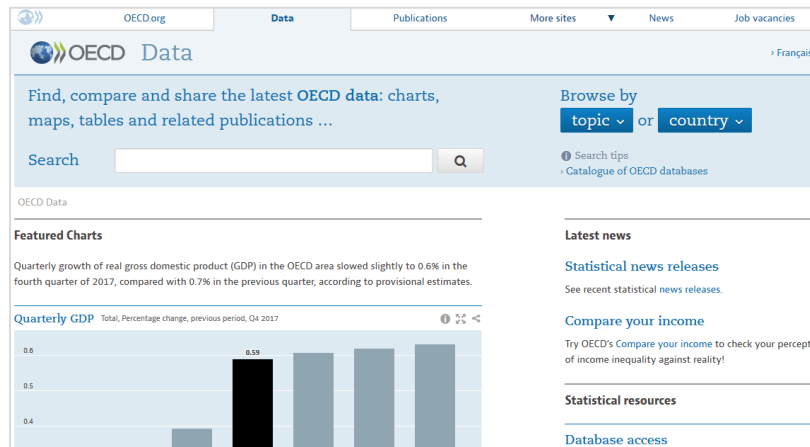
<http://data.unep-wcmc.org/>



Ocean Tracking Network Data Portal (OTN Data Portal)

Data on observations of keystone, commercially-important, and endangered marine species

<http://members.oceantrack.org/>



Organisation for Economic Co-operation and Development Data (OECD Data)

Data of relevance to the environment, agriculture and policy

<https://data.oecd.org/>



SeaLifeBase

Information on non-fish marine species

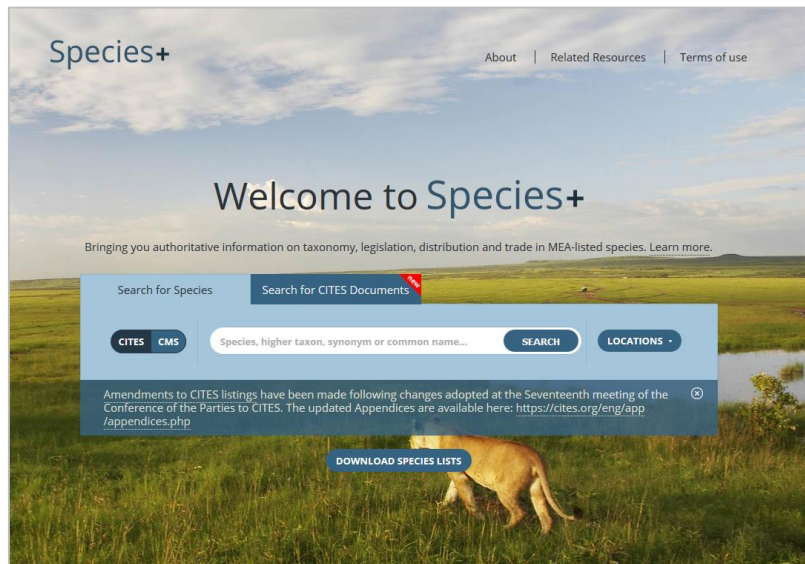
<http://www.sealifebase.org>



Plants of Southern Africa (POSA)

Plant names, specimens and observations in Southern Africa

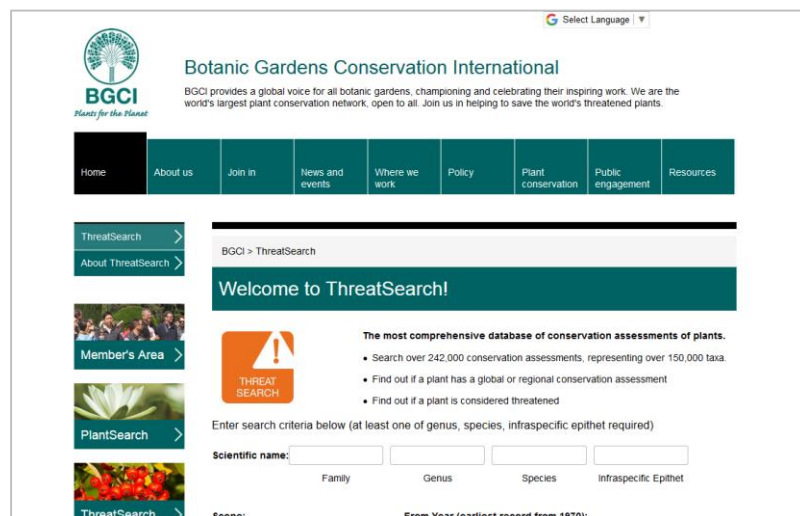
<http://newposa.sanbi.org/>



Species+

Information on species' distributions, alternate names, and protection under CITES and CMS, aimed at assisting parties in implementing the conventions and other MEAs

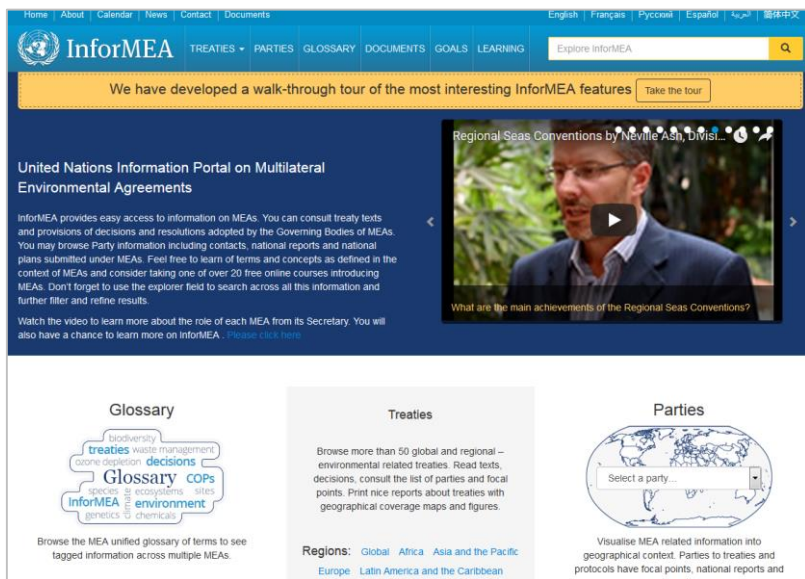
<http://www.speciesplus.net>



ThreatSearch

Global and regional conservation assessments for plants

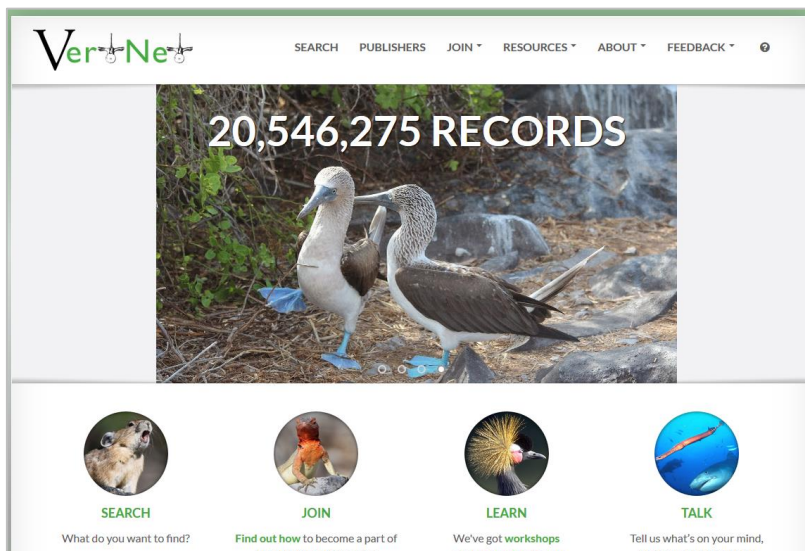
https://www.bgci.org/threat_search.php



United Nations Information Portal on Multilateral Environmental Agreements (InforMEA)

Access to information on MEAs

<https://www.informe.org/>



VertNet

Data on vertebrates

<http://vertnet.org/>

Annex I Metadata for databases

This annex provides metadata on each database, annotated using standardised fields, and listing relevant MEAs, SDGs and associated targets. Links between databases are also listed. The information provided here is intended to enhance the accessibility of databases for parties, by providing links to data and supporting information, and listing the MEAs and SDGs to which they are most relevant. The databases are organized in alphabetical order.

| Name of database | Supportive information | Relevant MEAs and targets |
|--|--|---|
| <p>AmphibiaWeb</p> <p>Online platform on amphibian biology and conservation</p> | <p>Accessing and using the data Website: http://www.amphibiaweb.org</p> <p>Conditions of use https://amphibiaweb.org/datause.html</p> <p>Links to other databases/ BIP Draws on data from the IUCN Red List of Threatened Species, iNaturalist, MOL, Amphibian Species of the World, CITES Appendices and VertNet.</p> <p>Links to supporting information Guide to accessing data: https://amphibiaweb.org/data/access.html</p> <p>Contact details Contact form: https://amphibiaweb.org/cgi/dlpmail.pl?step=form&site=aw&receiver=AmphibiaWeb</p> | <p>Relevant MEAs</p> <p>CBD CITES CMS Ramsar Convention</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 12 SDG 15</p> |

| | | |
|---|---|--|
| <p style="text-align: center;">AquaMaps</p> <p>Distribution maps for fish, marine mammals and invertebrates</p> | <p>Accessing and using the data Website: http://www.aquamaps.org</p> <p>Conditions of use http://www.aquamaps.org/</p> <p>Links to other databases/ BIP Draws on data from OBIS, GBIF, FishBase and SeaLifeBase. Provides data to ODV. AquaMaps is a joint project of FishBase and SealifeBase.</p> <p>Links to supporting information AquaMaps: algorithm and data sources for aquatic organisms: http://www.aquamaps.org/main/FB_Book_KReyes_AquaMaps_JG_CG_22Feb16_KR_online.pdf#page=1 Create your own map user manual: http://www.aquamaps.org/AquaMapsUserManual_2016.pdf</p> <p>Contact details Email: Rainer Froese (rfroese@geomar.de) or Kristin Kaschner (Kristin.Kaschner@biologie.uni-freiburg.de)</p> | <p style="text-align: center;">Relevant MEAs</p> <p style="text-align: center;">CBD CMS</p> <p style="text-align: center;">Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 6 Aichi Biodiversity Target 7</p> |
| <p style="text-align: center;">Biodiversity Hotspots</p> <p style="text-align: center;"><i>Data on 36 biodiversity hotspots, identified as areas holding high numbers of unique species, facing extreme threats, and having lost more than 70% of their original habitat</i></p> | <p>Accessing and using the data Website: http://www.cepf.net/resources/hotspots/ Shapefile download available.</p> <p>Conditions of use https://creativecommons.org/licenses/by-sa/4.0/</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information Hotspots in context: http://www.cepf.net/resources/hotspots/Hotspots-in-Context/Pages/default.aspx Hotspots defined: http://www.cepf.net/resources/hotspots/Hotspots-Defined/Pages/default.aspx</p> | <p style="text-align: center;">Relevant MEAs</p> <p style="text-align: center;">CBD CMS Ramsar Convention WHC</p> <p style="text-align: center;">Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 5 Aichi Biodiversity Target 11 Aichi Biodiversity Target 12</p> <p style="text-align: center;">SDG 14 SDG 15</p> |

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| | <p>Contact details Email: cepf@conservation.org</p> | |
| <p>BirdLife Data Zone</p> <p><i>Data on species, Important Bird and Biodiversity Areas, country profiles and case studies</i></p> | <p>Accessing and using the data Website: http://datazone.birdlife.org/ Species distribution data, and data on Important Bird and Biodiversity Areas, available on request.</p> <p>Conditions of use Conditions of use for data on request: http://datazone.birdlife.org/species/requestdis and http://datazone.birdlife.org/site/requestgis</p> <p>Links to other databases/ BIP Draws on data from WDKBA and IUCN Red List of Threatened Species.</p> <p>Links to supporting information http://datazone.birdlife.org/sowb/sowbpubs</p> <p>Contact details Options available at http://datazone.birdlife.org/home</p> | <p>Relevant MEAs</p> <p>CBD CMS Ramsar Convention</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 11 Aichi Biodiversity Target 12 SDG 14 SDG 15</p> |

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| <p>Catalogue of Life (COL)</p> <p><i>Catalogue of names, relationships and distributions of species</i></p> | <p>Accessing and using the data Website: http://www.catalogueoflife.org</p> <p>Conditions of use http://www.catalogueoflife.org/content/terms-use</p> <p>Links to other databases/ BIP Draws on data from WoRMS. Provides data to SeaLifeBase, EOL, Barcode of Life, iNaturalist, OBIS, IUCN Red List of Threatened Species and GBIF. COL is a joint product of ITIS and Species 2000.</p> <p>Links to supporting information User guide: http://www.catalogueoflife.org/content/user-guide</p> <p>Contact details Email: sp2000@sp2000.org</p> | <p>Relevant MEAs</p> <p>CBD CMS</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 12</p> |
| <p>Centre for Agriculture and Biosciences International Crop Protection Compendium (CABI CPC)</p> <p><i>Science-based information on all aspects of crop protection</i></p> | <p>Accessing and using the data Website: https://www.cabi.org/cpc</p> <p>Conditions of use https://www.cabi.org/terms-and-conditions/</p> <p>Links to other databases/ BIP Draws on data from FAOSTAT.</p> <p>Links to supporting information About CABI CPC: https://www.cabi.org/cpc/about/</p> <p>Contact details Email: compend@cabi.org</p> | <p>Relevant MEAs</p> <p>ITPGRFA IPPC</p> <p>Relevant targets within MEAs/SDGs</p> |
| <p>Centre for Agriculture and Biosciences International</p> | <p>Accessing and using the data Website: http://sites.cabi.org/isc/</p> | <p>Relevant MEAs/SDGs</p> <p>CBD IPPC Ramsar Convention</p> |

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|--|---|---|
| <p>Invasive Species Compendium (CABI ISC)</p> <p><i>Science-based information to support decision-making on invasive species management</i></p> | <p>Conditions of use https://www.cabi.org/terms-and-conditions/</p> <p>Links to other databases/ BIP Draws on data from FishBase. Provides data to GRIIS.</p> <p>Links to supporting information About CABI ISC: http://sites.cabi.org/isc/about/</p> <p>Contact details Email: compend@cabi.org</p> | <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 9 Ramsar Target 4 SDG Target 15.8</p> |
| <p>Convention on International Trade in Endangered Species of Wild Fauna and Flora Appendices (CITES Appendices)</p> <p><i>Appendices I, II and III of the CITES Convention</i></p> | <p>Accessing and using the data Website: https://www.cites.org/eng/app/index.php</p> <p>Conditions of use https://www.cites.org/eng/disclaimer.php</p> <p>Links to other databases/ BIP Provides data to AmphibiaWeb, CITES Checklist, SeaLifeBase, Species+ and BIP.</p> <p>Links to supporting information Appendices I, II and III, interpretation: https://www.cites.org/eng/app/appendices.php</p> <p>Contact details Email: info@cites.org</p> | <p>Relevant MEAs</p> <p>CBD CITES</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 12 SDG 14 SDG Target 15.5 SDG Target 15.7</p> |
| <p>Convention on International Trade in Endangered Species of Wild Fauna and Flora Checklist (CITES Checklist)</p> | <p>Accessing and using the data Website: http://checklist.cites.org/ API: http://api.speciesplus.net/</p> <p>Conditions of use http://checklist.cites.org/#/en/terms-of-use</p> | <p>Relevant MEAs</p> <p>CBD CITES</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 12</p> |

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|--|---|--|
| <p><i>Online platform with details of CITES-listed species, including scientific names, synonyms, and information on historical changes in protection-level</i></p> | <p>Links to other databases/ BIP Draws on data from CITES Appendices and Species+.</p> <p>Links to supporting information http://checklist.cites.org/#/en/about</p> <p>Contact details Email: info@cites.org or species@unep-wcmc.org</p> | <p>SDG 14 SDG Target 15.5 SDG Target 15.7</p> |
| <p>Convention on International Trade in Endangered Species of Wild Fauna and Flora Trade Database (CITES Trade Database)</p> <p><i>Information on exports and imports of CITES-listed species</i></p> | <p>Accessing and using the data Website: http://trade.cites.org</p> <p>Conditions of use</p> <p>Links to other databases/ BIP Draws on data from Species+.</p> <p>Links to supporting information A guide to using the CITES Trade Database: https://trade.cites.org/cites_trade_guidelines/en-CITES_Trade_Database_Guide.pdf</p> <p>Contact details Email: info@cites.org or species@unep-wcmc.org</p> | <p>Relevant MEAs CBD CITES WHC</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 12 SDG 14 SDG Target 15.5 SDG Target 15.7</p> |
| <p>Digital Observatory for Protected Areas (DOPA)</p> <p><i>Data on protected areas combined with information on species richness, ecoregions, land-use and population</i></p> | <p>Accessing and using the data Website: http://dopa.jrc.ec.europa.eu</p> <p>Conditions of use</p> <p>Links to other databases/ BIP Draws on data from GBIF, Terrestrial Ecoregions of the World, Marine Ecoregions of the World, IUCN Red List of Threatened Species and Protected Planet.</p> <p>Links to supporting information The Digital Observatory for Protected Areas (DOPA) Explorer 1.0:</p> | <p>Relevant MEAs CBD CMS</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 4 Aichi Biodiversity Target 5 Aichi Biodiversity Target 6 Aichi Biodiversity Target 7 Aichi Biodiversity Target 10</p> |

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|--|--|--|
| | <p>http://dopa.jrc.ec.europa.eu/sites/default/files/test/2015%20Online%20LB-NA-27162-EN-N2%20.pdf</p> <p>Contact details Email: Grégoire Dubois (gregoire.dubois@ec.europa.eu)</p> | <p>Aichi Biodiversity Target 11 Aichi Biodiversity Target 12 SDG 14 SDG 15</p> |
| <p>Easy Statistics on Global Plant Germplasm Flow (Easy-SMTA)</p> <p><i>Statistics on global plant germplasm flow</i></p> | <p>Accessing and using the data Website: https://mls.planttreaty.org/itt/index.php?r=stats/pubStats</p> <p>Conditions of use https://mls.planttreaty.org/itt/index.php?r=site/page&view=terms</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information</p> <p>Contact details Email: PGRFA-Treaty@fao.org</p> | <p>Relevant MEAs CBD ITPGRFA</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 13 SDG 2 SDG 15</p> |
| <p>EBird</p> <p><i>Citizen-science bird observations</i></p> | <p>Accessing and using the data Website: https://ebird.org/home Interactive map: https://ebird.org/map Download data products: https://ebird.org/science/download-ebird-data-products</p> <p>Conditions of use</p> <p>Links to other databases/ BIP Provides data to GBIF.</p> <p>Links to supporting information Help page: http://help.ebird.org/?t=</p> | <p>Relevant MEAs CBD CMS Ramsar Convention</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 11 Aichi Biodiversity Target 12 SDG 15</p> |

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|--|---|---|
| | <p>Contact details Contact page: http://help.ebird.org/customer/portal/emails/new</p> | |
| <p>Ecolex <i>Information on environmental law</i></p> | <p>Accessing and using the data Website: https://www.ecolex.org/</p> <p>Conditions of use https://www.ecolex.org/p/agreement/</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information About page: https://www.ecolex.org/p/about/</p> <p>Contact details Email: feedback@ecolex.org</p> | <p>Relevant MEAs</p> <p>CBD CITES CMS Ramsar Convention WHC IPPC ITPGRFA</p> <p>Relevant targets within MEAs/SDGs</p> |

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| <p>Ecologically or Biologically Significant Marine Areas (EBSA)</p> <p><i>Data portal on EBSAs, areas identified as important for the healthy functioning of oceans and associated services</i></p> | <p>Accessing and using the data Website: https://www.cbd.int/ebsa/</p> <p>Conditions of use https://www.cbd.int/terms/</p> <p>Links to other databases/ BIP Provides data to OBIS.</p> <p>Links to supporting information</p> <p>Contact details Email: secretariat@cbd.int</p> | <p>Relevant MEAs</p> <p>CBD CMS WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 5 Aichi Biodiversity Target 6 Aichi Biodiversity Target 10 Aichi Biodiversity Target 11 SDG 14</p> |
| <p>Encyclopedia of Life (EOL)</p> <p><i>Online system bringing together biodiversity information from books, journals, websites and specimen collections</i></p> | <p>Accessing and using the data Website: http://eol.org</p> <p>Conditions of use http://eol.org/terms_of_use</p> <p>Links to other databases/ BIP Draws on data from BHL, WoRMS, ITIS, Species 2000, OBIS, Barcode of Life, Plazi and FishBase. Draws on taxonomic standard of COL. Provides data to GBIF.</p> <p>Links to supporting information Detailed help pages: http://eol.org/help</p> <p>Contact details Contact form: http://eol.org/contact_us</p> | <p>Relevant MEAs</p> <p>CBD CMS Ramsar Convention WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>SDG 14 SDG 15</p> |

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| <p>Environment Live</p> | <p>Accessing and using the data Website: https://environmentlive.unep.org/ Mapping tools: https://environmentlive.unep.org/mapping Data download: https://environmentlive.unep.org/downloader</p> <p>Conditions of use https://environmentlive.unep.org/Home/termsconditions</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information</p> <p>Contact details Email: uneplive@unep.org</p> | <p>Relevant MEAs</p> <p>CBD CITES CMS Ramsar Convention WHC IPPC ITPGRFA</p> <p>Relevant targets within MEAs/SDGs</p> |
| <p>EPPO Global Database</p> <p><i>Data on plants and pests of relevance to agriculture, forestry and plant protection (in development)</i></p> | <p>Accessing and using the data Website: https://gd.eppo.int/ EPPO data services and API: https://data.eppo.int/ Explore countries: https://gd.eppo.int/country/ Explore by regional plant protection organisation: https://gd.eppo.int/rppo/ Explore data sheets: https://gd.eppo.int/datasheets/</p> <p>Conditions of use</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information</p> <p>Contact details Contact page: https://gd.eppo.int/contact</p> | <p>Relevant MEAs</p> <p>CBD IPPC ITPGRFA</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 7 Aichi Biodiversity Target 9 Aichi Biodiversity Target 12 Aichi Biodiversity Target 13 SDG 15</p> |

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| <p>European Ocean Biogeographic Information System (EurOBIS)</p> <p><i>Biogeographic information on marine species in the European region</i></p> | <p>Accessing and using the data Website: http://www.eurobis.org/ Interactive online map: http://www.emodnet-biology.eu/portal/ or http://www.iobis.org/mapper/ Data download available from: http://www.emodnet-biology.eu/toolbox/en/download/occurrence/explore</p> <p>Conditions of use http://www.eurobis.org/citation</p> <p>Links to other datasets Draws on the taxonomic standard of WoRMS. Provides data to other regional databases: LifeWatch Geoportal and EMODnet Portal. Provides data to OBIS. Via OBIS, EurOBIS contributes to AquaMaps and GBIF, ultimately contributing to indicators within the BIP.</p> <p>Links to supporting information About pages, including geographic scope, data standards and relevant publications: http://www.eurobis.org/imis?module=ref&show=919</p> <p>Contact details Email: info@eurobis.org</p> | <p>Relevant MEAs</p> <p>CBD CITES CMS</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 19 Aichi Biodiversity Target 9 Aichi Biodiversity Target 11 Aichi Biodiversity Target 12 CITES Target 1.5 CMS Target 10 CMS Target 15 SDG 17 SDG Target 17.6</p> |
| <p>FAOSTAT</p> <p><i>Data on food and agriculture</i></p> | <p>Accessing and using the data Website: http://www.fao.org/faostat/ Data explorer and search options: http://www.fao.org/faostat/en/#data Compare data: http://www.fao.org/faostat/en/#compare Bulk download of all FAOstat data available at http://www.fao.org/faostat/</p> <p>Conditions of use http://www.fao.org/contact-us/terms/en/</p> <p>Links to other databases/ BIP Provides data to SeaLifeBase, FishBase and CABI CPC.</p> | <p>Relevant MEAs</p> <p>IPPC ITPGRFA</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 4 Aichi Biodiversity Target 6 Aichi Biodiversity Target 7 Aichi Biodiversity Target 14 SDG 2 SDG 12</p> |

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| | <p>Links to supporting information Definitions and standards: http://www.fao.org/faostat/en/#definitions</p> <p>Contact details Email: faostat@fao.org</p> | |
| <p>FishBase</p> <p><i>Data on multiple aspects of fish biology and distribution</i></p> | <p>Accessing and using the data Website: http://www.fishbase.org Multiple download options available: http://www.fishbase.org/Download/index.htm</p> <p>Conditions of use http://www.fishbase.org/</p> <p>Links to other databases/ BIP Two-way data flow with SAU. Draws on data from FAOSTAT. Provides data to OBIS, EOL, AquaMaps, SeaLifeBase, GISIN, GRIIS, CABI ISC, GEOSS Portal, WoRMS, GBIF.</p> <p>Links to supporting information FishBase concepts, design and data sources: http://www.fishbase.org/manual/English/contents.htm</p> <p>Contact details Email (comments and corrections): n.bailly@fin.ph Email (technical support): Josephine Barile (j.barile@fin.ph)</p> | <p>Relevant MEAs CBD CMS</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 6 Aichi Biodiversity Target 10 Aichi Biodiversity Target 12 SDG 14</p> |

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| <p style="text-align: center;">Freshwater Ecoregions of the World</p> <p style="text-align: center;"><i>Biogeographic classification of the world's freshwater biodiversity</i></p> | <p>Accessing and using the data Website: https://www.worldwildlife.org/pages/freshwater-ecoregions-of-the-world--2 Interactive map: http://www.feow.org/globalmap View and download the data: http://www.feow.org/</p> <p>Conditions of use Copyright notice: http://www.feow.org/copyright</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information Background: http://www.feow.org/background</p> <p>Contact details Contact form: http://www.feow.org/contact</p> | <p style="text-align: center;">Relevant MEAs</p> <p style="text-align: center;">CBD</p> <p style="text-align: center;">Relevant targets within MEAs/SDGs</p> <p style="text-align: center;">Aichi Biodiversity Target 11 SDG 15</p> |
| <p style="text-align: center;">Global Biodiversity Information Facility (GBIF)</p> <p style="text-align: center;"><i>Information on species distributions, and changes over time, collated from over 15,500 datasets</i></p> | <p>Accessing and using the data Website: http://www.gbif.org API: https://www.gbif.org/developer/summary Download options available for occurrences, species and datasets.</p> <p>Conditions of use https://www.gbif.org/terms</p> <p>Links to other datasets Draws on data from iNaturalist, Barcode of Life, BioCASE, EOL, FishBase, WoRMS, GISD, ITIS, Plazi, VertNet and OBIS. Draws on the taxonomic standard of COL. Provides data to DOPA, SeaLifeBase, MOL, GEOSS Portal, BIP and AquaMaps.</p> <p>Links to supporting information What is GBIF? https://www.gbif.org/what-is-gbif</p> | <p style="text-align: center;">Relevant MEAs</p> <p style="text-align: center;">CBD CITES CMS Ramsar Convention ITPGRFA</p> <p style="text-align: center;">Relevant targets within MEAs/SDGs</p> <p style="text-align: center;">Aichi Biodiversity Target 19 (informs BIP indicator) Aichi Biodiversity Target 9 (informs BIP indicator)</p> |

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| | <p>Contact details Email (general enquiries): info@gbif.org Email (technical support): helpdesk@gbif.org</p> | <p>Aichi Biodiversity Target 11 (informs BIP indicator) Aichi Biodiversity Target 12 (informs BIP indicator) Aichi Biodiversity Target 13 (informs BIP indicator) CITES Target 1.5 (informs BIP indicator) CMS Target 10 (informs BIP indicator) CMS Target 15 (informs BIP indicator) Ramsar Target 4 (informs BIP indicator) Ramsar Target 14 (informs BIP indicator) SDG 11 SDG Target 11.4 (informs BIP indicator) SDG 14 SDG Target 14.a (informs BIP indicator) SDG 17 SDG Target 17.6 (informs BIP indicator)</p> |
| <p>Global Earth Observations System of Systems Portal (GEOSS Portal)</p> <p><i>Information portal for GEOSS, a set of earth observation and processing systems</i></p> | <p>Accessing and using the data Website: http://www.geoportal.org/</p> <p>Conditions of use http://www.geoportal.org/community/guest/terms-conditions</p> <p>Links to other databases/ BIP Draws on data from GBIF, FishBase, Protected Planet and OBIS.</p> | <p>Relevant MEAs</p> <p>CBD CMS WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 10</p> |

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| | <p>Links to supporting information Help desk (tutorials and contact details): http://www.geoportal.org/community/guest/help-desk</p> <p>Contact details Multiple contact options: http://www.geoportal.org/community/guest/help-desk</p> | <p>CMS Target 7 SDG 13.3 SDG 14.2 SDG 15.5</p> |
| <p>Global Footprint Network (GFN)</p> <p><i>Data-driven metric on global sustainability</i></p> | <p>Accessing and using the data</p> <p>Website: http://data.footprintnetwork.org/</p> <p>API: http://data.footprintnetwork.org/#/api</p> <p>Interactive data explorer available.</p> <p>Interactive map viewer: http://www.footprintnetwork.org/content/documents/ecological_footprint_nations/index.html</p> <p>Multiple download options available: http://www.footprintnetwork.org/licenses/</p> <p>Conditions of use</p> <p>Links to other databases/ BIP Provides data to BIP.</p> <p>Links to supporting information</p> <p>Contact details Contact form: http://data.footprintnetwork.org/#/contact</p> | <p>Relevant MEAs</p> <p>CBD CMS Ramsar Convention</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 4 (informs BIP indicator)</p> <p>CMS Target 5 (informs BIP indicator)</p> <p>Ramsar Target 13 (informs BIP indicator)</p> <p>SDG Target 8.4 (informs BIP indicator)</p> <p>SDG Target 12.2 (informs BIP indicator)</p> |

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| <p>Global Forest Change 2000 – 2016</p> <p><i>Remotely-sensed data on forest cover, loss and gain</i></p> | <p>Accessing and using the data Website: https://earthenginepartners.appspot.com/science-2013-global-forest/download_v1.4.html Data can be analysed in Google Earth Engine. .tif download available.</p> <p>Conditions of use https://earthenginepartners.appspot.com/science-2013-global-forest/download_v1.4.html</p> <p>Links to other databases/ BIP Provides data to GFW.</p> <p>Links to supporting information Tutorials: https://sites.google.com/site/earthengineapidocs/tutorials/global-forest-change-tutorial Associated journal article: http://science.sciencemag.org/content/342/6160/850</p> <p>Contact details Email: M C Hansen (mhansen@umd.edu)</p> | <p>Relevant MEAs</p> <p>CBD CMS Ramsar Convention World Heritage Convention</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 5 Aichi Biodiversity Target 7 CMS Target 11 Ramsar Target 13 SDG Target 15.1 SDG Target 15.2</p> |
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| <p>Global Forest Watch (GFW)</p> <p><i>Mapping application for near-real-time information on forest loss</i></p> | <p>Accessing and using the data Website: http://www.globalforestwatch.org Interactive map: http://www.globalforestwatch.org/map/3/16.52/0.98/ALL/grayscale/loss/607,556,580,592?tab=analysis-tab&begin=2001-01-01&end=2016-01-01&threshold=30&dont_analyze=true Open Data Portal (explore and download data): http://data.globalforestwatch.org/</p> <p>Conditions of use Terms of service: http://www.globalforestwatch.org/terms Data policy and standards: http://www.globalforestwatch.org/about/data_policy</p> <p>Links to other databases/ BIP Draws on data from Protected Planet and Global Forest Change 2000 - 2016.</p> <p>Links to supporting information How to portal: http://www.globalforestwatch.org/howto</p> <p>Contact details Contact form: http://www.globalforestwatch.org/about/contact_us</p> | <p>Relevant MEAs</p> <p>CBD CMS Ramsar Convention WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 5 Aichi Biodiversity Target 7 CMS Target 11 Ramsar Target 13 SDG Target 15.1 SDG Target 15.2</p> |
| <p>Global Information System on Plant Genetic Resources for food and Agriculture (GLIS)</p> <p><i>A global entry point for information and knowledge for strengthening the capacity for PGRFA conservation, management and utilization.</i></p> | <p>Accessing and using the data Website: https://ssl.fao.org/glis/</p> <p>Conditions of use: https://ssl.fao.org/glis/site/static?page=termsofuse</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information http://www.fao.org/plant-treaty/areas-of-work/global-information-system/links/en/</p> <p>Contact details Email: PGRFA-Treaty@fao.org</p> | <p>Relevant MEAs</p> <p>CBD ITPGRFA IPPC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 13 SDG 2 SDG 15</p> |

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| <p style="text-align: center;">Global Invasive Species Database (GISD)</p> <p><i>Information on alien and invasive species</i></p> | <p>Accessing and using the data Website: http://www.iucngisd.org/gisd/</p> <p>Conditions of use http://www.iucngisd.org/gisd/legal.php</p> <p>Links to other databases/ BIP Draws on data from GRIIS. Provides data to GISIN and OBIS. CABI ISC and GBIF.</p> <p>Links to supporting information How to use: http://www.iucngisd.org/gisd/howto.php</p> <p>Contact details Email (general enquiries): issg@auckland.ac.nz Email (to contribute or request edits to data): Shyama Pagad (s.pagad@auckland.ac.nz) and Lucilla Carnevali (Lucilla.carnevali@isprambiente.it)</p> | <p>Relevant MEAs</p> <p>CBD CMS IPPC Ramsar Convention</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 9 (informs BIP indicator) Aichi Biodiversity Target 5 (informs BIP indicator) Aichi Biodiversity Target 10 (informs BIP indicator) Aichi Biodiversity Target 11 (informs BIP indicator) Aichi Biodiversity Target 12 (informs BIP indicator) Aichi Biodiversity Target 17 (informs BIP indicator) CMS Target 7 (informs BIP indicator) CMS Target 8 (informs BIP indicator) Ramsar Target 4 (informs BIP indicator) SDG Target 15.8 (official indicator)</p> |
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| <p>Global Invasive Species Information Network (GISIN)</p> <p><i>Platform for global sharing of invasive species information</i></p> | <p>Accessing and using the data Website: http://www.gisin.org/ Download files: http://www.gisin.org/DH.php?WC=/WS/GISIN/GISINDirectory/Download_Files.html&WebSiteID=4</p> <p>Conditions of use</p> <p>Links to other databases/ BIP Draws on data from GISD, GRIIS and FishBase.</p> <p>Links to supporting information Tutorials: http://www.gisin.org/DH.php?WC=/WS/GISIN/GISINDirectory/Tutorials.html&WebSiteID=4 FAQ: http://www.gisin.org/DH.php?WC=/WS/GISIN/faq.html&WebSiteID=4</p> <p>Contact details Email (general enquiries): Russell Scarpino (r.scarpino@colostate.edu), Gregory Newman (gregory.newman@colostate.edu) or Annie Simpson (asimpson@usgs.gov) Email (technical support): Jim Graham (James.Graham@humboldt.edu)</p> | <p>Relevant MEAs</p> <p>CBD IPPC Ramsar Convention WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 9 Ramsar Target 4 SDG Target 15.8</p> |
| <p>Global Register of Introduced and Invasive Species (GRIIS)</p> <p><i>National inventories of introduced and invasive species</i></p> | <p>Accessing and using the data Website: http://www.griis.org/ .csv and .pdf download options available.</p> <p>Conditions of use http://www.griis.org/terms.php</p> <p>Links to other databases/ BIP Draws on data from SeaLifeBase, CABI ISC and FishBase. Provides data to GISD and GISIN.</p> <p>Links to supporting information How to use: http://www.griis.org/howto.php</p> | <p>Relevant MEAs</p> <p>CBD IPPC Ramsar Convention WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 9 Ramsar Target 4 SDG Target 15.8</p> |

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| | <p>Using GRIIS for reporting and national planning of alien and invasive species management: http://www.griis.org/pdf/Using-GRIIS_National-Reporting.pdf</p> <p>Contact details Email: Shyama Pagad (s.pagad@auckland.ac.nz)</p> | |
| <p>GlobalTreeSearch</p> <p><i>Names and distributions of tree species</i></p> | <p>Accessing and using the data Website: https://www.bgci.org/global_tree_search.php</p> <p>Conditions of use</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information</p> <p>Contact details Contact page: https://www.bgci.org/about-us/contact/</p> | <p>Relevant MEAs</p> <p>CBD IPPC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 11 Aichi Biodiversity Target 13 Aichi Biodiversity Target 15 SDG 15</p> |
| <p>iNaturalist</p> <p><i>Citizen-science data on species observations, combined with datasets from other biodiversity inventories</i></p> | <p>Accessing and using the data Website: http://www.inaturalist.org Interactive map: https://www.inaturalist.org/observations</p> <p>Conditions of use https://www.inaturalist.org/pages/terms</p> <p>Links to other databases/ BIP Draws on data from the IUCN Red List of Threatened Species and COL. Provides data to GBIF and AmphibiaWeb.</p> <p>Links to supporting information Detailed help pages: https://www.inaturalist.org/pages/help</p> <p>Contact details Support is provided via a Google Group: https://groups.google.com/forum/#!forum/inaturalist</p> | <p>Relevant MEAs</p> <p>CBD CITES CMS IPPC Ramsar Convention WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 12 CMS Target 8 SDG 14 SDG 15</p> |

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| <p>International Plant Protection Convention List of Regulated Pests</p> <p><i>Lists of regulated pests grouped by country</i></p> | <p>Accessing and using the data Website: https://www.ippc.int/en/countries/all/regulatedpests/</p> <p>Conditions of use Copyright and legal disclaimer: https://www.ippc.int/en/legal/</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information Help pages: https://www.ippc.int/en/help/</p> <p>Contact details Contact page: https://www.ippc.int/en/contact/</p> | <p>Relevant MEAs</p> <p>CBD IPPC ITPGRFA</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 7 Aichi Biodiversity Target 9 Aichi Biodiversity Target 12 Aichi Biodiversity Target 13 SDG 15</p> |
| <p>International Plant Protection Convention Pest Status</p> <p><i>Information on the status of pest species, grouped by country</i></p> | <p>Accessing and using the data Website: https://www.ippc.int/en/countries/all/peststatus/</p> <p>Conditions of use Copyright and legal disclaimer: https://www.ippc.int/en/legal/</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information Help pages: https://www.ippc.int/en/help/</p> <p>Contact details Contact page: https://www.ippc.int/en/contact/</p> | <p>Relevant MEAs</p> <p>CBD IPPC ITPGRFA</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 7 Aichi Biodiversity Target 9 Aichi Biodiversity Target 12 Aichi Biodiversity Target 13 SDG 15</p> |

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| <p>International Union for Conservation of Nature Red List of Ecosystems</p> <p><i>Assessments of the level of threat faced by ecosystems (in development)</i></p> | <p>Accessing and using the data Website: https://iucnrle.org/ Read published assessments: https://iucnrle.org/resources/published-assessments/ Interactive map: https://iucnrle.org/assessments/</p> <p>Conditions of use Citation: https://iucnrle.org/about-rle/citation/</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information Key documents: https://iucnrle.org/resources/key-documents/</p> <p>Contact details Contact page: https://iucnrle.org/work-with-us/contact-us/</p> | <p>Relevant MEAs CBD Ramsar Convention WHC</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 5 Aichi Biodiversity Target 10 Aichi Biodiversity Target 11 Aichi Biodiversity Target 12 Aichi Biodiversity Target 14 Aichi Biodiversity Target 15 SDG 14 SDG 15</p> |
| <p>International Union for</p> | <p>Accessing and using the data Website: http://www.iucnredlist.org</p> <p>Conditions of use http://www.iucnredlist.org/info/terms-of-use</p> <p>Links to other databases/ BIP Draws on data from Amphibian Species of the World. Draws on the taxonomic standard of COL. Provides data to DOPA, MOL, AmphibiaWeb, iNaturalist, SeaLifeBase, OBIS and BIP.</p> <p>Links to supporting information Red List Brochure: https://cmsdocs.s3.amazonaws.com/keydocuments/IUCN_Red_List_Brochure_2015_LOW.pdf</p> | <p>Relevant MEAs CBD CITES CMS Ramsar Convention WHC</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 4 (informs BIP indicator) Aichi Biodiversity Target 6 (informs BIP indicator) Aichi biodiversity Target 8 (informs BIP indicator) Aichi Biodiversity Target 9 (informs BIP indicator)</p> |

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| <p>Conservation of Nature Red List of Threatened Species</p> <p><i>Taxonomic, conservation status and distribution data for species that have been assessed against the IUCN Red List Categories and Criteria</i></p> | <p>Other key documents: http://www.iucnredlist.org/technical-documents/red-list-documents</p> <p>Contact details</p> <p>Email: redlist@iucn.org</p> | <p>Aichi Biodiversity Target 10 (informs BIP indicator)</p> <p>Aichi Biodiversity Target 12 (informs BIP indicator)</p> <p>Aichi Biodiversity Target 14 (informs BIP indicator)</p> <p>CITES Target 1.4 (informs BIP indicator)</p> <p>CITES Target 1.5 (informs BIP indicator)</p> <p>CITES Target 1.6 (informs BIP indicator)</p> <p>CITES Target 1.7 (informs BIP indicator)</p> <p>CMS Target 2 (informs BIP indicator)</p> <p>CMS Target 5 (informs BIP indicator)</p> <p>CMS Target 6 (informs BIP indicator)</p> <p>CMS Target 7 (informs BIP indicator)</p> <p>CMS Target 8 (informs BIP indicator)</p> <p>CMS Target 9 (informs BIP indicator)</p> <p>CMS Target 11 (informs BIP indicator)</p> <p>Ramsar Target 2 (informs BIP indicator)</p> <p>Ramsar Target 3 (informs BIP indicator)</p> <p>Ramsar Target 4 (informs BIP indicator)</p> <p>Ramsar Target 5 (informs BIP indicator)</p> <p>Ramsar Target 8 (informs BIP indicator)</p> <p>Ramsar Target 9</p> |
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| <p style="text-align: center;"><i>(continued)</i></p> <p style="text-align: center;">International Union for Conservation of Nature Red List of Threatened Species</p> <p style="text-align: center;"><i>Taxonomic, conservation status and distribution data for species that have been assessed against the IUCN Red List Categories and Criteria</i></p> | | <p>(informs BIP indicator) Ramsar Target 11 (informs BIP indicator) Ramsar Target 12 (informs BIP indicator) Ramsar Target 13 (informs BIP indicator) SDG Target 2.4 (informs BIP indicator) SDG Target 8.4 (informs BIP indicator) SDG Target 11.4 (informs BIP indicator) SDG Target 12.2 (informs BIP indicator) SDG Target 14.1 (informs BIP indicator) SDG Target 14.2 (informs BIP indicator) SDG Target 14.3 (informs BIP indicator) SDG Target 14.4 (informs BIP indicator) SDG Target 14.5 (informs BIP indicator) SDG Target 14.7 (informs BIP indicator) SDG Target 14.c (informs BIP indicator) SDG Target 15.2 (informs BIP indicator) SDG Target 15.4 (informs BIP indicator) SDG Target 15.5 (informs BIP indicator) SDG Target 15.7 (informs BIP indicator) SDG Target 15.8 (informs BIP indicator)</p> |
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| | | <p>SDG Target 15.b (informs BIP indicator) SDG Target 15.c (informs BIP indicator)</p> |
| <p>Living Planet Index (LPI)</p> <p><i>Portal for the LPI, a measure of global biodiversity focused on vertebrates</i></p> | <p>Accessing and using the data Website: http://www.livingplanetindex.org LPI data portal: http://www.livingplanetindex.org/data_portal Data download available to registered users.</p> <p>Conditions of use http://www.livingplanetindex.org/documents/data_agreement.pdf</p> <p>Links to other databases/ BIP Provides data to BIP.</p> <p>Links to supporting information About the LPI: http://www.livingplanetindex.org/projects?main_page_project=AboutTheIndex&home_flag=1</p> <p>Contact details Contact form: http://www.livingplanetindex.org/contact_us/new</p> | <p>Relevant MEAs</p> <p>CBD CITES CMS Ramsar Convention WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 12 (informs BIP indicator) Aichi Biodiversity Target 5 (informs BIP indicator) Aichi Biodiversity Target 6 (informs BIP indicator) CITES Target 1.7 (informs BIP indicator) CMS Target 5 (informs BIP indicator) CMS Target 6 (informs BIP indicator) CMS Target 7 (informs BIP indicator) CMS Target 8 (informs BIP indicator) CMS Target 11 (informs BIP indicator) CMS Target 15</p> |

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| | | <p>(informs BIP indicator) Ramsar Target 4 (informs BIP indicator) Ramsar Target 5 (informs BIP indicator) Ramsar Target 7 (informs BIP indicator) SDG Target 14.2 (informs BIP indicator) SDG Target 14.4 (informs BIP indicator) SDG Target 15.1 (informs BIP indicator) SDG Target 15.4 (informs BIP indicator) SDG Target 15.5 (informs BIP indicator) SDG Target 15.7 (informs BIP indicator) SDG Target 15.8 (informs BIP indicator)</p> |
| <p>Map of Life (MOL)</p> <p><i>Data on species ranges and species lists</i></p> | <p>Accessing and using the data Website: https://mol.org/ Interactive maps available for species data, locations, patterns and indicators: https://mol.org/datasets/ .csv download available.</p> <p>Conditions of use https://mol.org/tos</p> | <p>Relevant MEAs</p> <p>CBD CMS Ramsar Convention WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 12 SDG 14</p> |

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| | <p>Links to other databases/ BIP Provides data to AmphibiaWeb. Draws on data from GBIF and the IUCN Red List of Threatened Species.</p> <p>Links to supporting information</p> <p>Contact details Email: info@mol.org</p> | SDG 15 |
| <p>Marine Ecoregions of the World</p> <p><i>Biogeographic classification of the world's marine area into 12 realms, 62 provinces and 232 ecoregions</i></p> | <p>Accessing and using the data Website: https://www.worldwildlife.org/publications/marine-ecoregions-of-the-world-a-bioregionalization-of-coastal-and-shelf-areas .shp download available.</p> <p>Conditions of use</p> <p>Links to other databases/ BIP Provides data to DOPA.</p> <p>Links to supporting information Associated journal article provided as part of data download.</p> <p>Contact details Email: Mark Spalding (mspalding@tnc.org)</p> | <p>Relevant MEAs</p> <p>CBD CMS WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 11 SDG Target 14.2 SDG Target 14.5</p> |
| <p>Mountain Portal</p> <p><i>Bioclimatic, topographic and species richness data for mountain ranges</i></p> | <p>Accessing and using the data Website: http://www.gmba.unibe.ch/services/mountain_portal/ Interactive map: http://www.mountainbiodiversity.org/explore Data download: https://ilias.unibe.ch/goto_ilias3_unibe_cat_1000512.html</p> <p>Conditions of use</p> <p>Links to other databases/ BIP Draws on data from the IUCN Red List of Threatened Species and Map of Life.</p> | <p>Relevant MEAs</p> <p>CBD CMS WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 5 Aichi Biodiversity Target 11 Aichi Biodiversity Target 12 SDG 15</p> |

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| | <p>Links to supporting information Background: http://www.mountainbiodiversity.org/background</p> <p>Contact details Email: gmba@ips.unibe.ch</p> | |
| <p>Observation.org</p> <p><i>Community-validated species observations</i></p> | <p>Accessing and using the data Website: https://observation.org/</p> <p>Conditions of use https://observation.org/terms.php</p> <p>Links to other databases/ BIP Provides data to GBIF.</p> <p>Links to supporting information About page: https://observation.org/info.php</p> <p>Contact details Email: info@observation.org</p> | <p>Relevant MEAs</p> <p>CBD CMS</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 11 Aichi Biodiversity Target 12 SDG 14 SDG 15</p> |

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| <p style="text-align: center;">Ocean Biogeographic Information System (OBIS)</p> <p style="text-align: center;"><i>Information on the distribution of marine species</i></p> | <p>Accessing and using the data Website: http://www.iobis.org API: http://www.iobis.org/manual/api/ Interactive map: http://www.iobis.org/mapper/ Indicators: http://www.iobis.org/indicators/</p> <p>Conditions of use http://www.iobis.org/data/policy/</p> <p>Links to other databases/ BIP Draws on the taxonomic standard of WoRMS, ITIS and COL. Draws on data from IUCN Red List of Threatened Species, GISD, EOL, OTN Data Portal, FishBase, EBSA and OBIS SEAMAP. Provides data to GBIF, SeaLifeBase, AquaMaps and GEOSS Portal.</p> <p>Links to supporting information OBIS Manual: http://www.iobis.org/manual/</p> <p>Contact details Multiple global and regional contact points: http://www.iobis.org/contact/</p> | <p style="text-align: center;">Relevant MEAs</p> <p style="text-align: center;">CBD CITES CMS</p> <p style="text-align: center;">Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 19 Aichi Biodiversity Target 9 Aichi Biodiversity Target 11 Aichi Biodiversity Target 12 CITES Target 1.5 CMS Target 10 CMS Target 15 SDG Target 14.2 SDG Target 17.6</p> |
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| <p style="text-align: center;">Ocean Biogeographic Information System Spatial Ecological Analysis of Megavertebrate Populations (OBIS SEAMAP)</p> <p><i>Online database for megavertebrates (marine mammals, seabirds and sea turtles) and sharks. Includes spatial and temporal data</i></p> | <p>Accessing and using the data Website: http://seamap.env.duke.edu List of datasets: http://seamap.env.duke.edu/dataset/list Interactive map with advanced search: http://seamap.env.duke.edu/search</p> <p>Conditions of use http://seamap.env.duke.edu/content/content/termsfuse</p> <p>Links to other databases/ BIP Draws on the taxonomic standard of WoRMS. Provides data to OBIS.</p> <p>Links to supporting information OBIS-SEAMAP Help: http://seamap.env.duke.edu/content/help/main_help</p> <p>Contact details Contact form: http://seamap.env.duke.edu/contact-info</p> | <p style="text-align: center;">Relevant MEAs</p> <p style="text-align: center;">CBD CMS WHC</p> <p style="text-align: center;">Relevant targets within MEAs/SDGs</p> <p style="text-align: center;">Aichi Biodiversity Target 12 SDG Target 14.2</p> |
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| <p>Ocean Data Viewer (ODV)</p> <p><i>Spatial datasets relevant to the conservation of marine and coastal biodiversity</i></p> | <p>Accessing and using the data Website: http://data.unep-wcmc.org/</p> <p>Conditions of use http://beta.unep-wcmc.org/terms-and-conditions</p> <p>Links to other databases/ BIP Draws on data from AquaMaps and Protected Planet.</p> <p>Links to supporting information Manual of marine and coastal datasets of biodiversity importance: https://www.unep-wcmc.org/system/dataset_file_fields/files/000/000/340/original/Weatherdon15-UNEP-WCMC-Dec2015.pdf?1449230861</p> <p>Contact details Email: marine@unep-wcmc.org</p> | <p>Relevant MEAs</p> <p>CBD CMS WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 11 SDG Target 14.2 SDG Target 14.5</p> |
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| <p>Ocean Health Index (OHI)</p> <p><i>Online portal for the OHI, a global measurement of ocean health</i></p> | <p>Accessing and using the data Website: http://www.oceanhealthindex.org; http://ohi-science.org</p> <p>Conditions of use http://www.oceanhealthindex.org/terms-of-service</p> <p>Links to other databases/ BIP Provides data to BIP.</p> <p>Links to supporting information</p> <p>Contact details Email: science@oceanhealthindex.org</p> | <p>Relevant MEAs CBD Ramsar Convention</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 10 (informs BIP indicator)</p> <p>Aichi Biodiversity Target 1 (informs BIP indicator)</p> <p>Aichi Biodiversity Target 4 (informs BIP indicator)</p> <p>Aichi Biodiversity Target 5 (informs BIP indicator)</p> <p>Aichi Biodiversity Target 6 (informs BIP indicator)</p> <p>Aichi Biodiversity Target 7 (informs BIP indicator)</p> <p>Aichi Biodiversity Target 12 (informs BIP indicator)</p> <p>Aichi Biodiversity Target 15 (informs BIP indicator)</p> <p>Ramsar Convention Target 2 (informs BIP indicator)</p> <p>Ramsar Convention Target 3 (informs BIP indicator)</p> <p>Ramsar Convention Target 5 (informs BIP indicator)</p> <p>Ramsar Convention Target 9 (informs BIP indicator)</p> <p>SDG Target 2.4 (informs BIP indicator)</p> <p>SDG Target 8.4 (informs BIP indicator)</p> <p>SDG Target 12.2 (informs BIP indicator)</p> <p>SDG Target 12.8 (informs BIP indicator)</p> <p>SDG Target 14.2 (informs BIP indicator)</p> |
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| | | SDG Target 14.3 (informs BIP indicator) SDG Target 14.4 (informs BIP indicator) SDG Target 14.6 (informs BIP indicator) SDG Target 14.7 (informs BIP indicator) SDG Target 14.c (informs BIP indicator) SDG Target 15.5 (informs BIP indicator) |
| <p>Ocean Tracking Network Data Portal (OTN Data Portal)</p> <p><i>Data on observations of keystone, commercially-important, and endangered marine species</i></p> | <p>Accessing and using the data Website: http://members.oceantrack.org/</p> <p>Conditions of use https://members.oceantrack.org/data/policies</p> <p>Links to other databases/ BIP Provides data to OBIS.</p> <p>Links to supporting information Data discovery pages: https://members.oceantrack.org/OTN/data/discovery/</p> <p>Contact details Email: otn@dal.ca</p> | <p>Relevant MEAs</p> <p>CBD CITES CMS</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 6 Aichi Biodiversity Target 10 Aichi Biodiversity Target 12 Aichi Biodiversity Target 14 SDG 14.2 SDG 14.4</p> |
| <p>Organisation for Economic Co-operation and Development Data (OECD Data)</p> <p><i>Data of relevance to the environment,</i></p> | <p>Accessing and using the data Website: https://data.oecd.org/ Search data: http://stats.oecd.org/ API: https://data.oecd.org/api/</p> <p>Conditions of use http://www.oecd.org/termsandconditions/</p> | <p>Relevant MEAs</p> <p>CBD CMS IPPC ITPGRFA</p> <p>Relevant targets within MEAs/SDG</p> |

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| <p><i>agriculture and policy</i></p> | <p>Links to other databases/ BIP</p> <p>Links to supporting information Information on OECD methodologies: http://www.oecd.org/statistics/statisticalresources.htm</p> <p>Contact details Contact options: http://www.oecd.org/contact/</p> | <p>Aichi Biodiversity Target 6 Aichi Biodiversity Target 7 Aichi Biodiversity Target 13 SDG 14 SDG 15</p> |
| <p>Protected Planet</p> <p><i>Information on marine and terrestrial protected areas, updated monthly with data submissions from governments and others</i></p> | <p>Accessing and using the data Website: http://www.protectedplanet.net World Database on Protected Areas (WDPA) interactive map at http://www.protectedplanet.net WDPA download available in the following formats: .csv; .kml; .shp; File Geodatabase; ESRI Web Service. API: https://api.protectedplanet.net/</p> <p>Conditions of use https://www.protectedplanet.net/c/terms-and-conditions</p> <p>Links to other databases/ BIP Two-way data flow with RSIS. Provides data to GFW, ODV, DOPA, GEOSS Portal, BIP and AquaMaps.</p> <p>Links to supporting information WDPA User Manual (available in English, French, Spanish, Russian and Arabic): https://protectedplanet.net/c/wdpa-manual Global Database on Protected Area Management Effectiveness (GD-PAME) User Manual (available in English, French, Spanish, and Arabic): https://protectedplanet.net/c/protected-areas-management-effectiveness-pame/gd-pame-user-manual</p> <p>Contact details Email: protectedareas@unep-wcmc.org</p> | <p>Relevant MEAs CBD CMS Ramsar Convention WHC</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 11 (informs BIP indicator) Aichi Biodiversity Target 5 (informs BIP indicator) Aichi Biodiversity Target 12 (informs BIP indicator) Aichi Biodiversity Target 14 (informs BIP indicator) Aichi Biodiversity Target 17 (informs BIP indicator) CMS Target 9 (informs BIP indicator) CMS Target 10 (informs BIP indicator) Ramsar Target 6 (informs BIP indicator) Ramsar Target 9 (informs BIP indicator) SDG Target 11.4 (informs BIP indicator)</p> |

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| | | SDG Target 14.5 (informs BIP indicator) SDG Target 15.1 (informs BIP indicator) SDG Target 15.2 SDG Target 15.4 (informs BIP indicator) SDG Target 15.5 SDG Target 15.7 SDG Target 15.c |
| <p>Ramsar Sites Information Service (RSIS)</p> <p><i>Information on Ramsar Sites, Wetlands of International Importance</i></p> | <p>Accessing and using the data Website: https://rsis.ramsar.org/ Data download available in the following formats at https://rsis.ramsar.org/?pagetab=3: Excel; .csv; .pdf file showing key data only; .pdf file with introductory text on each site.</p> <p>Conditions of use</p> <p>Links to other databases/ BIP Two-way data flow with Protected Planet. Provides data to BIP.</p> <p>Links to supporting information About RSIS: https://rsis.ramsar.org/about</p> <p>Contact details Email: ramsar@ramsar.org</p> | <p>Relevant MEAs</p> <p>CBD CITES CMS Ramsar Convention WHC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 5 (informs BIP indicator) Aichi Biodiversity Target 14 (informs BIP indicator) CITES Target 1.6 (informs BIP indicator) CMS Target 10 (informs BIP indicator) CMS Target 11 (informs BIP indicator) Ramsar Target 6 (informs BIP indicator) Ramsar Target 12 (informs BIP indicator) SDG Target 6.6</p> |

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| <p>Sea Around Us (SAU)</p> <p><i>Data on the impacts of marine fisheries on ecosystems to support policy-making</i></p> | <p>Accessing and using the data Website: http://www.seaaroundus.org</p> <p>Conditions of use http://www.seaaroundus.org/terms-and-conditions/</p> <p>Links to other databases/ BIP Two-way data flow with FishBase. Provides data to BIP and SeaLifeBase.</p> <p>Links to supporting information Guide to tools: http://www.seaaroundus.org/tools-guide/ Help pages: http://www.seaaroundus.org/faq/</p> <p>Contact details Email: feedback@seaaroundus.org</p> | <p>(informs BIP indicator)</p> <p>Relevant MEAs CBD CITES CMS</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 6 (informs BIP indicator) CITES Target 1.4 (informs BIP indicator) CMS Target 5 (informs BIP indicator) CMS Target 6 (informs BIP indicator) SDG Target 2.4 (informs BIP indicator) SDG Target 12.2 (informs BIP indicator) SDG Target 12.8 (informs BIP indicator) SDG Target 14.4 (informs BIP indicator)</p> |
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| <p>Seabird Tracking Database</p> <p><i>Online mapping tool for seabird tracking</i></p> | <p>Accessing and using the data Website: http://www.seabirdtracking.org/ Mapping tool: http://seabirdtracking.org/mapper/index.php</p> <p>Conditions of use http://seabirdtracking.org/termsfuse</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information Resources: http://seabirdtracking.org/?q=resources</p> <p>Contact details Email: Seabirds@birdlife.org</p> | <p>Relevant MEAs CBD CMS</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 12 SDG 14 SDG 15</p> |
| <p>SeaLifeBase</p> <p><i>Information on non-fish marine species</i></p> | <p>Accessing and using the data Website: http://www.sealifebase.org</p> <p>Conditions of use http://www.sealifebase.org/</p> <p>Links to other databases/ BIP Draws on the taxonomic standard of WoRMS, COL and ITIS. Draws on data from OBIS, GBIF, FAOSTAT, FishBase, Sea Around Us, IUCN Red List of Threatened Species and CITES Appendices. Provides data to GRIIS. SeaLifeBase is a joint project of Sea Around Us, AquaMaps and FishBase.</p> <p>Links to supporting information</p> <p>Contact details Email: n.bailly@fin.ph and sealifebase@fin.ph</p> | <p>Relevant MEAs CBD CITES CMS WHC</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 6 Aichi Biodiversity Target 7 Aichi Biodiversity Target 12 SDG Target 14.2</p> |

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| <p>Plants of Southern Africa (POSA)</p> <p><i>Plant names, specimens and observations in Southern Africa</i></p> | <p>Accessing and using the data Website: http://newposa.sanbi.org/ Explore data (list and map formats): http://newposa.sanbi.org/sanbi/Explore Records relating to sensitive species available on request: http://biodiversityadvisor.sanbi.org/online-biodiversity-data/access-and-policy/request-for-data-supplied-by-sanbi/</p> <p>Conditions of use Available at: http://newposa.sanbi.org/</p> <p>Links to other datasets</p> <p>Links to supporting information Detailed helped pages available at: http://newposa.sanbi.org/sanbi/Explore</p> <p>Contact details Contact form: http://biodiversityadvisor.sanbi.org/contact/</p> | <p>Relevant MEAs CBD</p> <p>Relevant targets within MEAs/SDGs</p> |
| <p>Species+</p> <p><i>Information on species' distributions, alternate names, and protection under CITES and CMS, aimed at assisting parties in implementing the conventions and other MEAs</i></p> | <p>Accessing and using the data Website: http://www.speciesplus.net API: http://api.speciesplus.net/</p> <p>Conditions of use https://www.speciesplus.net/terms-of-use</p> <p>Links to other databases/ BIP Draws on data from CITES Appendices. Provides data to CITES Trade Database and CITES Checklist.</p> <p>Links to supporting information About Species+: https://www.speciesplus.net/about</p> <p>Contact details Email: species@unep-wcmc.org</p> | <p>Relevant MEAs CBD CITES CMS</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 12 SDG 14 SDG Target 15.5 SDG Target 15.7</p> |

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| <p style="text-align: center;">State of Conservation Information System (SOC)</p> <p style="text-align: center;"><i>Information on World Heritage Sites, and statistics on the implementation of the Convention</i></p> | <p>Accessing and using the data Website: http://whc.unesco.org/en/soc/ Search and advanced search options available. Multiple interactive maps available with download options.</p> <p>Conditions of use</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information About World Heritage Reactive Monitoring: http://whc.unesco.org/en/reactive-monitoring/</p> <p>Contact details Contact form can be accessed at: http://whc.unesco.org/en/world-heritage-centre/</p> | <p style="text-align: center;">Relevant MEAs Ramsar Convention WHC</p> <p style="text-align: center;">Relevant targets within MEAs/SDGs Aichi Biodiversity Target 5 Aichi Biodiversity Target 11 Aichi Biodiversity Target 12 Aichi Biodiversity Target 13 SDG 11 SDG 14 SDG 15</p> |
| <p style="text-align: center;">Terrestrial Ecoregions of the World</p> <p style="text-align: center;"><i>Biogeographic classification of the world's terrestrial area into 14 biomes and 867 ecoregions</i></p> | <p>Accessing and using the data Website: https://www.worldwildlife.org/publications/terrestrial-ecoregions-of-the-world .shp download available.</p> <p>Conditions of use</p> <p>Links to other databases/ BIP Provides data to DOPA.</p> <p>Links to supporting information Associated journal article:</p> <p>Contact details</p> | <p style="text-align: center;">Relevant MEAs CBD</p> <p style="text-align: center;">Relevant targets within MEAs/SDGs Aichi Biodiversity Target 11 SDG Target 15.1 SDG Target 15.2 SDG Target 15.4 SDG Target 15.5</p> |

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| <p>ThreatSearch</p> <p><i>Conservation assessments for plants</i></p> | <p>Accessing and using the data Website: https://www.bgci.org/threat_search.php</p> <p>Conditions of use</p> <p>Links to other databases/ BIP Draws on data from the IUCN Red List of Threatened Species.</p> <p>Links to supporting information</p> <p>Contact details Contact page: https://www.bgci.org/about-us/contact/</p> | <p>Relevant MEAs</p> <p>CBD CITES CMS IPPC</p> <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 11 Aichi Biodiversity Target 13 Aichi Biodiversity Target 15 SDG 15</p> |
| <p>United Nations Information Portal on Multilateral Environmental Agreements (InforMEA)</p> <p><i>Access to information on MEAs</i></p> | <p>Accessing and using the data Website: https://www.informea.org/</p> <p>Conditions of use https://www.informea.org/en/disclaimer</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information About InforMEA: https://www.informea.org/about</p> <p>Contact details Contact form: https://www.informea.org/en/contact</p> | <p>Relevant MEAs</p> <p>CBD CITES CMS ITPGRFA Ramsar Convention WHC</p> <p>Relevant targets within MEAs/SDGs</p> |
| <p>VertNet</p> | <p>Accessing and using the data Website: http://vertnet.org/</p> | <p>Relevant MEAs</p> <p>CBD</p> |

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| <p><i>Data on vertebrates</i></p> | <p>Search data: http://portal.vertnet.org/search .txt download available.</p> <p>Conditions of use</p> <p>Links to other databases/ BIP Provides data to AmphibiaWeb, GBIF and KNB.</p> <p>Links to supporting information Help and how to: http://vertnet.org/resources/help.html</p> <p>Contact details Email: David Bloom (dbloom@vertnet.org) or Laura Russell (larussell@vertnet.org)</p> | <p>CMS</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 12 SDG 14 SDG 15</p> |
| <p>Waterbird Population Estimates</p> <p><i>Waterbird population estimates and trends. Includes information on the 1% threshold applied by the Ramsar Convention</i></p> | <p>Accessing and using the data Website: http://wpe.wetlands.org/ Database search: http://wpe.wetlands.org/search Downloads: http://wpe.wetlands.org/lmaps</p> <p>Conditions of use</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information Information on waterbird populations: http://wpe.wetlands.org/lwhatpop Information on the 1% threshold: http://wpe.wetlands.org/G1pc</p> <p>Contact details Email: wpe@wetlands.org</p> | <p>Relevant MEAs CBD CMS Ramsar Convention</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 12 CMS Target 10 CMS Target 11 SDG 15</p> |

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| <p>Wildlife Picture Index (WPI)</p> <p><i>Portal for the WPI indicator, which measures biodiversity trends based on data on ground-dwelling tropical medium and large mammals and birds</i></p> | <p>Accessing and using the data Website: http://wpi.teamnetwork.org/wpi/dashboard</p> <p>Conditions of use http://www.teamnetwork.org/legal/terms-of-use</p> <p>Links to other databases/ BIP Provides data to BIP.</p> <p>Links to supporting information About WPI: http://wpi.teamnetwork.org/wpi/about</p> <p>Contact details Contact form available at: http://wpi.teamnetwork.org/wpi/dashboard</p> | <p>Relevant MEAs CBD CITES Ramsar Convention</p> <p>Relevant targets within MEAs/SDGs Aichi Biodiversity Target 12 (informs BIP indicator) Aichi Biodiversity Target 4 (informs BIP indicator) Aichi Biodiversity Target 5 (informs BIP indicator) Aichi Biodiversity Target 7 (informs BIP indicator) Aichi Biodiversity Target 10 (informs BIP indicator) Aichi Biodiversity Target 11 (informs BIP indicator) Aichi Biodiversity Target 15 (informs BIP indicator) CITES Target 1.4 (informs BIP indicator) CITES Target 1.6 (informs BIP indicator) Ramsar Target 8 (informs BIP indicator) SDG Target 15.1 (informs BIP indicator) SDG Target 15.5 (informs BIP indicator)</p> |
| <p>World Database on Key Biodiversity Areas (WDKBA)</p> | <p>Accessing and using the data Website: www.keybiodiversityareas.org/ Interactive map: http://www.keybiodiversityareas.org/site/mapsearch Search data: http://www.keybiodiversityareas.org/site/search</p> | <p>Relevant MEAs CBD CMS Ramsar Convention</p> |

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| <p><i>Data on KBAs, including Important Bird and Biodiversity Areas, Alliance for Zero Extinction sites, and other KBAs</i></p> | <p>Data download available on request from BirdLife International: http://www.keybiodiversityareas.org/site/requestgis</p> <p>Conditions of use http://www.keybiodiversityareas.org/info/dataterms</p> <p>Links to other databases/ BIP Provides data to BIP.</p> <p>Links to supporting information A global standard for the identification of Key Biodiversity Areas: https://portals.iucn.org/union/sites/union/files/doc/a_global_standard_for_the_identification_of_key_biodiversity_areas_final_web.pdf</p> <p>Contact details</p> | <p>Relevant targets within MEAs/SDGs</p> <p>Aichi Biodiversity Target 11 (informs BIP indicator) CMS Target 9 (informs BIP indicator) Ramsar Target 5 (informs BIP indicator) SDG Target 11.4 (informs BIP indicator) SDG Target 14.5 (informs BIP indicator) SDG Target 15.1 (informs BIP indicator) SDG Target 15.2 (informs BIP indicator) SDG Target 15.4 (informs BIP indicator) SDG Target 15.5 (informs BIP indicator) SDG Target 15.7 (informs BIP indicator)</p> |
| <p>World Heritage Outlook</p> <p><i>Information on the status of World Heritage Sites, and changes over time, in addition to current threats</i></p> | <p>Accessing and using the data Website: http://www.worldheritageoutlook.iucn.org/</p> <p>Conditions of use</p> <p>Links to other databases/ BIP</p> <p>Links to supporting information FAQ: http://www.worldheritageoutlook.iucn.org/more/faq</p> <p>Contact details Contact form: http://www.worldheritageoutlook.iucn.org/more/contact-us/ask-a-question</p> | <p>Relevant MEAs</p> <p>WHC</p> <p>Relevant targets within MEAs/SDGs</p> |