



WCMC

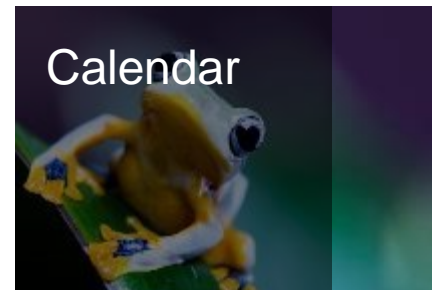
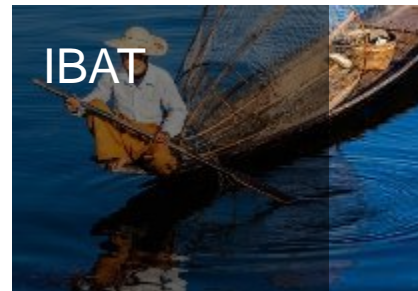
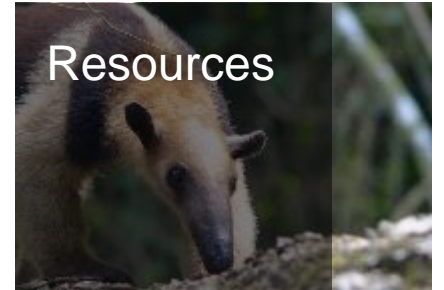
UN Environment Programme
World Conservation Monitoring Centre

PROTEUS QUARTERLY UPDATE

January to June 2020

Proteus Quarterly Update

Jan to
June
2020



Highlights

Jan to
June
2020

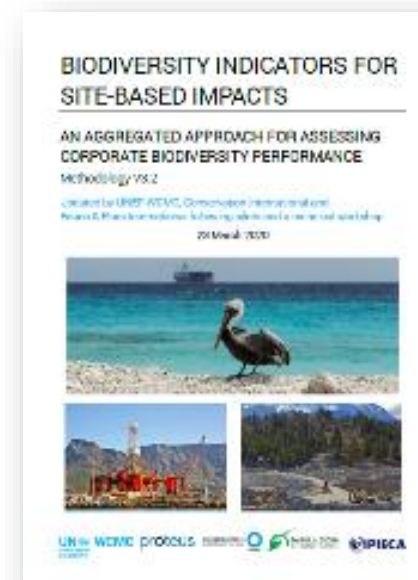
Biodiversity Indicators for Site-based Impacts

New methodology launched to support companies to implement biodiversity indicators for site-based impacts (*previously Biodiversity Indicators for Extractives*)

- A Technical Workshop was held in Cambridge between 27-28 January 2020.
- The updated methodology has been released under a new title, recognising the methodology's broad applicability outside the extractives sector, and capturing its focus on companies with significant site-based impacts on biodiversity.
- The methodology has been updated following the piloting process, to address key challenges for implementation.
- It is available for download from the UNEP-WCMC website alongside an excel tool to support its application. In time, it will be supported by pilot company case studies.

Access: [here](#)

Contact: [Leo Murphy](#)



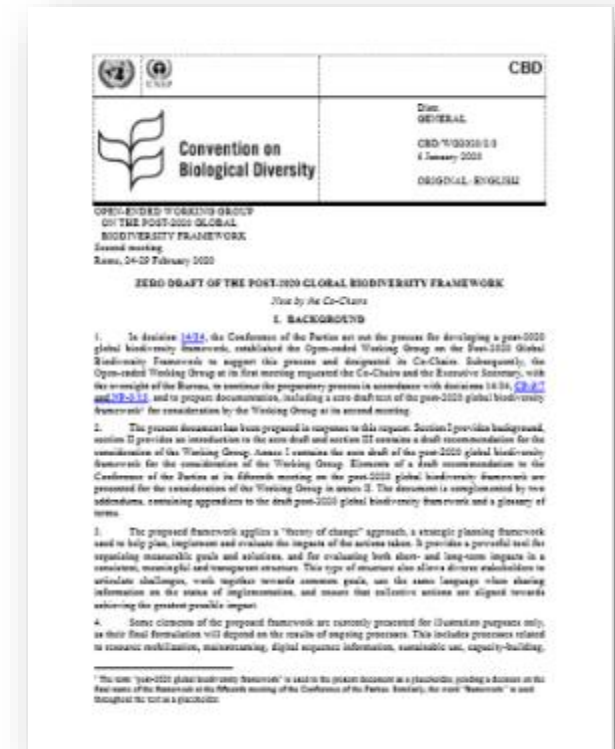
Highlights

Post-2020 global biodiversity framework

Zero draft of the framework and 2nd meeting of the Open-Ended Working Group

- The zero draft of the post-2020 global biodiversity framework was made available [here](#) in mid-January, with a view to being discussed at the 2nd meeting of the open-ended working group (OEWG). This document is very much a starting point for discussions, and includes placeholder text and figures.
- The 2nd meeting of the open-ended working group took place between 24 and 29 February 2020 in Rome, Italy. Deliberations mostly focused on goals and targets. Parties did not negotiate text, but instead presented their options. The outcomes of the meeting (available [here](#)) will be considered in the development of the first full draft of the framework, initially scheduled for the end of June 2020.

Contact: [Katie Dawkins](#)



Highlights

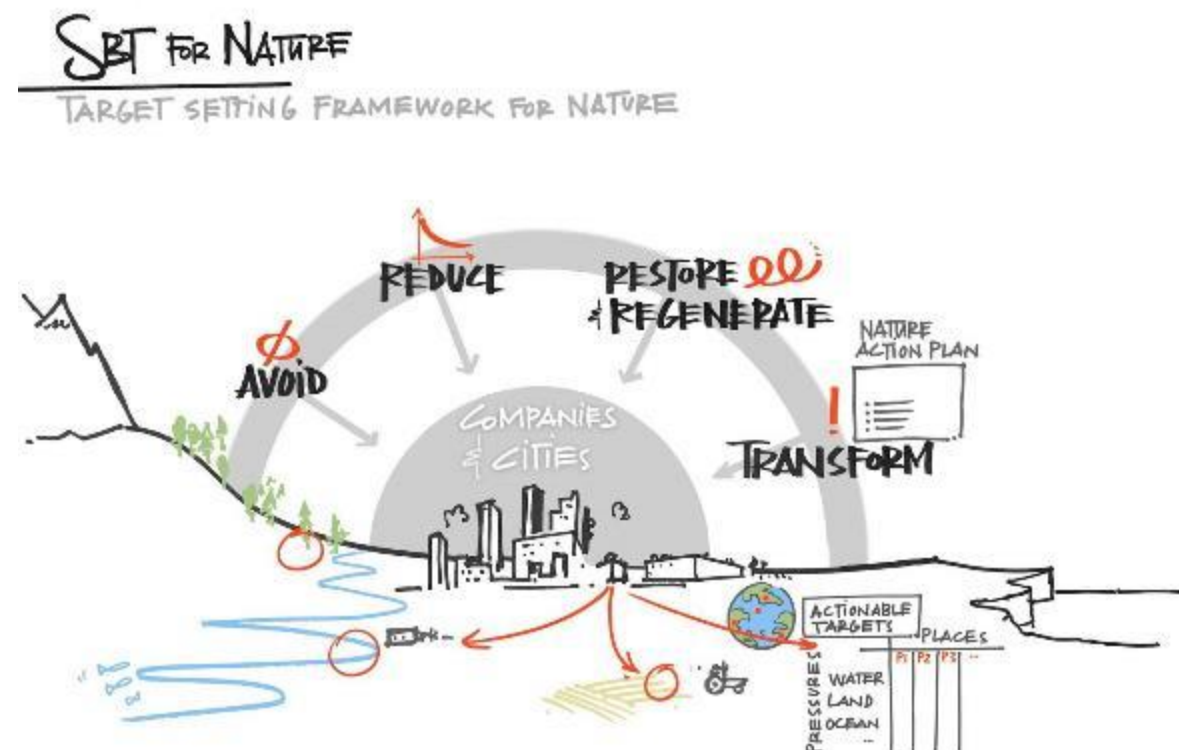
Science-based targets prototyping workshop

Science Based Targets Network Webinar: Introduction to Science Based Targets for Nature

- Run on 2nd April 2020 through the Science Based Targets Network, this webinar introduced the concept of science-based targets for companies.
- The workshop aimed to create a target setting framework for nature, which will be discussed and piloted with companies over the coming months.
- A recording of the webinar is available [here](#).

Contact: [Katie Leach](#)

Jan to
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Highlights

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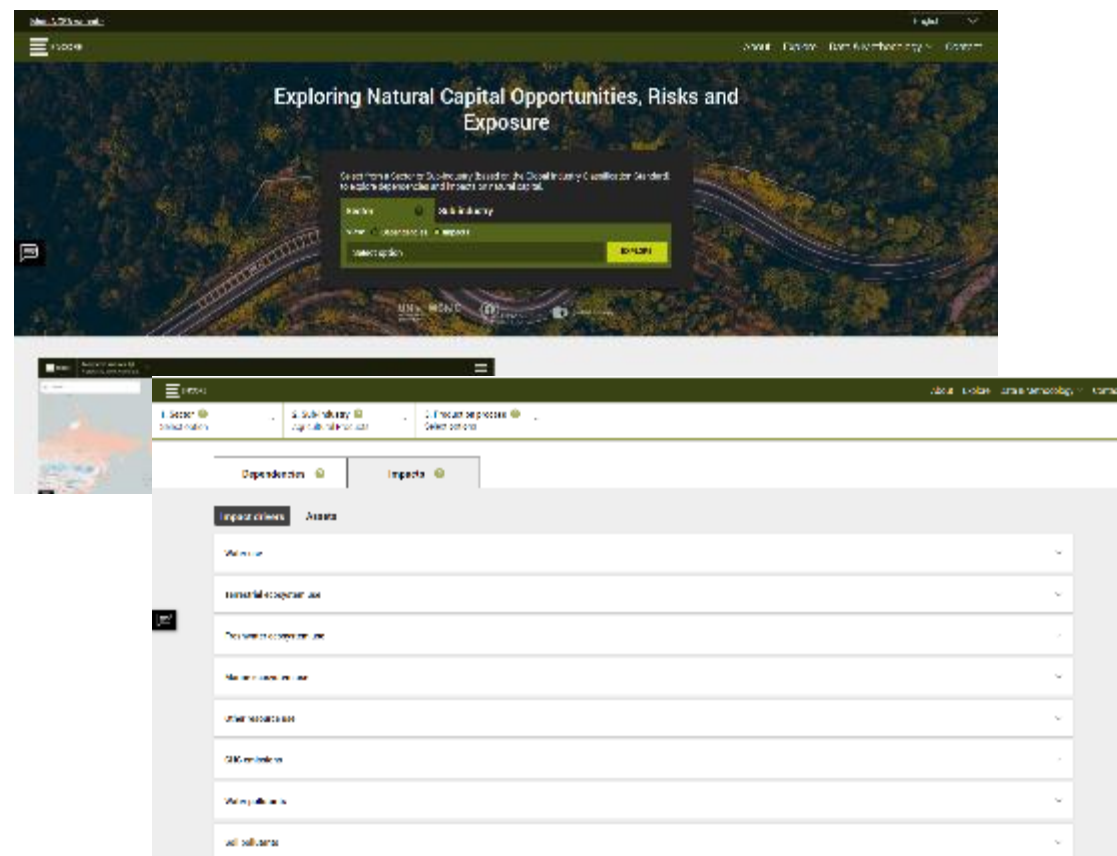
ENCORE Impacts Launch

New component of ENCORE, focusing on impacts, was launched in April 2020

- The Exploring Natural Capital Opportunities, Risks and Exposure (ENCORE) tool has been updated to cover potential impacts of all economic activities on natural capital.
- This builds on the previous phase of the tool, which focused on detailing the risks to economic activities arising from their dependencies on natural capital and ecosystem services.

Access tool: [here](#)

Contact: [Sebastian Bekker](#)



Highlights

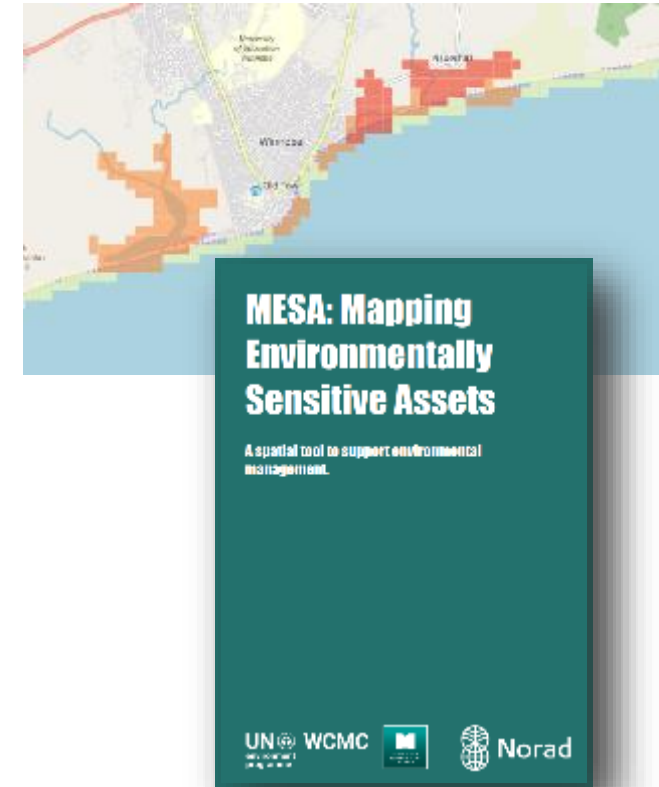
Mapping Environmentally Sensitive Assets (MESA)

This new sensitivity mapping tool is available to Proteus Partners

- MESA provides a step-by-step protocol for evaluating environmental sensitivity, combined with an FME tool and QGIS file for processing, aggregating and visualising data.
- Work is continuing with national agencies under the under the Oil for Development programme to expand environmental sensitivity atlases for a variety of pressures. Including oil spill emergency planning.
- MESA has been rolled out in Tanzania, Uganda, Somalia, Ghana, Mozambique, Lebanon and Kenya with plans in place for deployment in Myanmar.

Access: [here](#)

Contact: [Leo Murphy](#)



Highlights

Jan to June 2020

Proteus Strategy Review

Convening Partners to discuss the next phase of Proteus

- UNEP-WCMC welcomed Partners to a Proteus Strategy Review meeting, held remotely on the 10th and 11th June 2020.
- The Strategy document will underpin the next phase of Proteus, outlining strategic priorities and the future direction of the Partnership.
- The meeting covered the successes of the current phase, the draft Proteus Strategy 2021-2025, and the new Proteus website.
- The Proteus Strategy 2021-2025 will be updated following the meeting and bilateral consultation with Partners, before being recirculated and presented at the Annual Meeting in September.

Access: [here](#)
Contact: [Jonty Knox](#)



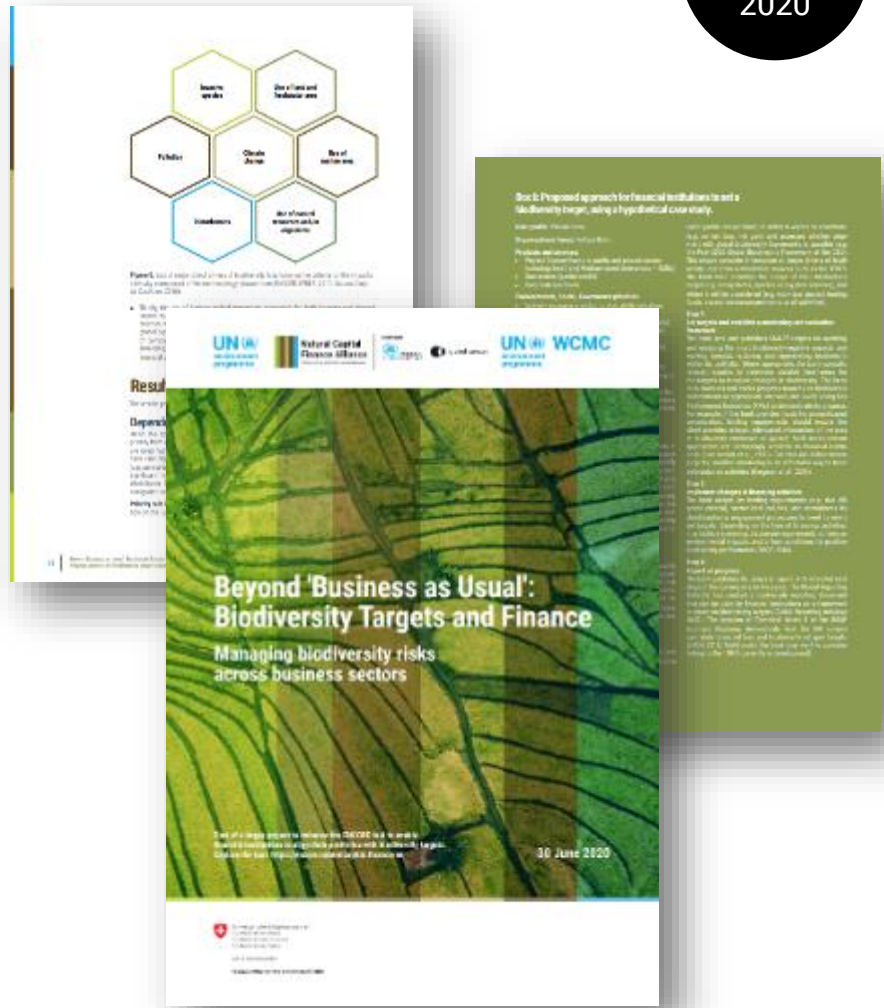
Highlights

UNEP-WCMC in collaboration with partners launch a new report - “Beyond ‘Business as Usual’: Biodiversity Targets and Finance”

The report outlines priority sectors for biodiversity target-setting

- A series of proposed steps for financial institutions to start to integrate biodiversity in their decision-making.
- Includes setting targets such as ‘net positive impact’.
- The report was launched on 30th June 2020 in collaboration with UNEP FI and Global Canopy.

Access report: [here](#)
Contact: [Sebastian Bekker](#)



Protected Areas

Jan to
June
2020

World Database on Protected Areas (WDPA)

Updates to the most comprehensive global database on terrestrial and marine protected areas

2020 is proving to be one of the most effective years for updating records within the WDPA, with 37 countries updated in Q1 and 34 countries updated in Q2. Q1 saw a net increase in records of 3,642.

Contact: [Alex Ross](#)

	Q1	Q2
Number of countries updated	37	34
Net increase in records	3,642	766
Percent of records updated or validated	8%	3%



Protected Areas

World Database on Protected Areas (WDPA)

Several data updates have been made to the WDPA, thanks to a successful partnership with the [Secretariat for the Pacific Regional Environment Programme](#) supported by the [BIOPAMA](#) programme

- **Samoa's** Ramsar sites, National Parks, Reserves, and Marine Protected Areas were updated, including data not updated since 1987.
- Over 50% of **Pacific Islands Nations** have been updated. This is a region that has historically been very difficult to update, so this represents a major success both in terms of the partnership and capacity-building efforts over the past two years.
- **New Zealand:** Important additions of nearly 4,700 privately protected areas in New Zealand have been made, reflecting UNEP-WCMC's efforts to improve the representation of non-state protected areas in the WDPA. The Queen Elizabeth II National Trust (QEII) worked over the last year to format their data according to the WDPA standards, and New Zealand's Department of Conservation verified the data for inclusion within the WDPA.

Contact: [Jessica Stewart](#)



Protected Areas

World Database on Protected Areas (WDPA)

Several other data updates have been made to the WDPA in 2020 so far, including:

- **Ghana:** A complete update of Ghana national sites. Most of the sites in Ghana had not been updated since 1990, and the Kunda forest reserve (which is now represented as a polygon) had not been updated since 1981. This update also includes the addition of 7 forest reserves and assignment of IUCN categories to all protected areas.
- **USA:** The [PAD-US 2.0 WDPA submission](#), which includes over 38,000 unique protected areas. The total protected area decreased by about 1.4 million km² compared to the WDPA update from PAD-US 1.4 version. The decrease largely reflects changes in conservation measure assignments for easements and marine areas following major revisions to the NOAA Marine Protected Area Inventory and National Conservation Easement Database, the sole source of marine protected areas and easement data in PAD-US, respectively.
- **Priority Countries:** Three Partner nominated priority countries have been updated so far this year. More information on the process for updating priority countries will be provided to Partners soon.

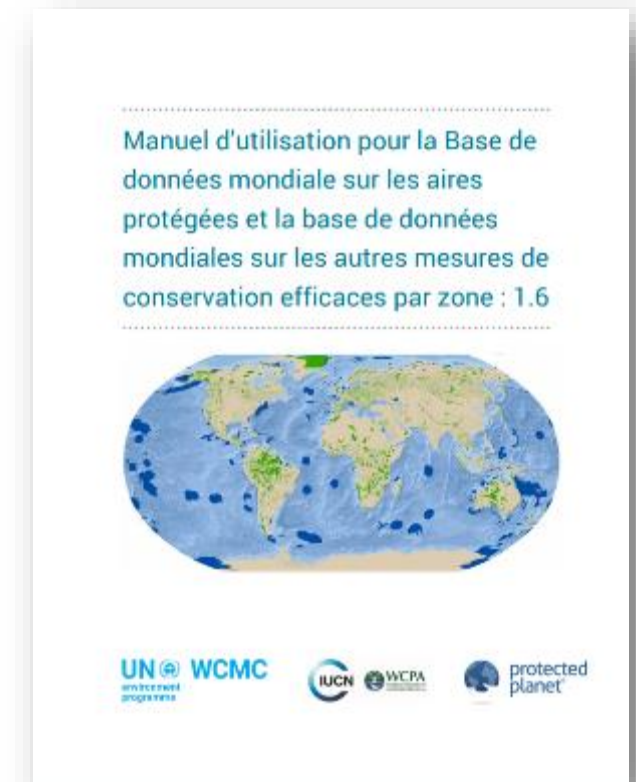


Protected Areas

World Database on other effective area-based conservation measures (WD-OECM) and WDPA

Work on other effective area-based conservation measures is gaining momentum

- Even more countries are engaging with the WD-OECM, and a number of workshops are planned through the [BIOPAMA programme](#).
- The internal work flows for the WDPA and WD-OECM have been streamlined, making the team more efficient in processing updates.
- The French version of the [WDPA and WD-OECM user manual](#) has been published.
- UNEP-WCMC is co-organising a webinar series on strengthening protected area management effectiveness at the end of July.



Integrated Biodiversity Assessment Tool (IBAT)

Jan to
June
2020

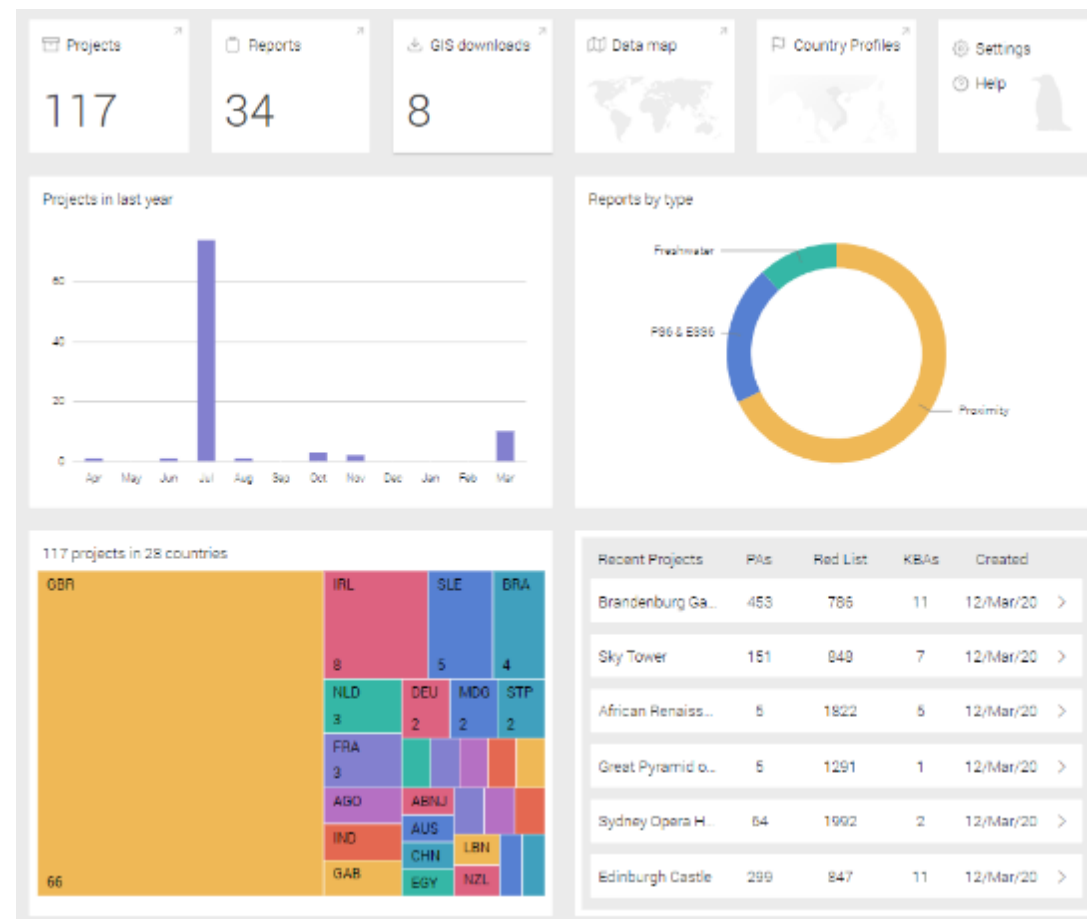
IBAT 3.0

New dashboard developed to track the impact of IBAT

- The user dashboard has been completely redesigned in response to user feedback, and made live in January.
- New aesthetic and functionality updates allows users to see an overview of their projects, reports and data downloads.
- Administrators of an organisation's IBAT account can see an overview of account usage across their organisation.

Access: [here](#)

Contact: [Jonty Knox](#)



Integrated Biodiversity Assessment Tool (IBAT)

IBAT 3.0

Other updates and enhancements

- IBAT continues to enhance and improve its functionality and invites all users to contribute feedback on what they would like to see on the platform.
- It is now possible to upload hundreds of sites into IBAT at one time. The CSV uploader allows any user to upload a batch of projects from a CSV file containing the site names and grid references.
- Jonty Knox and Ben Jobson (the new Programme Officer at IBAT) delivered an IBAT webinar to 130 attendees on facilitating decision making for business, as part of UNEP's World Environment Day celebrations.
- Two updates have recently been deployed to enhance the security of IBAT from both the access and data perspectives.

Access: [here](#)

Contact: [Jonty Knox](#)

Negotiated access to data on Important Marine Mammal Areas

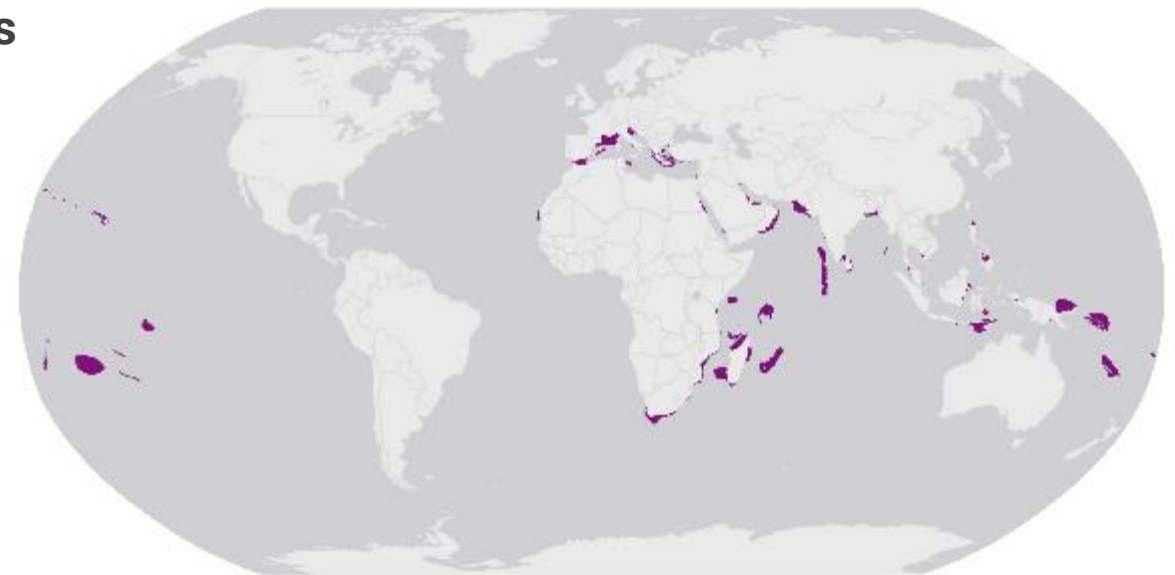
The IUCN Important Marine Mammal Areas (IMMAs) dataset indicates more than 180 habitats important to marine mammal species globally

Each entry in the dataset links to an online record that describes associated criteria and species known to occur in the area. Following negotiation with UNEP-WCMC, the IUCN Marine Mammal Protected Areas Task Force has provided Proteus Partners with restricted access to the dataset. Please use the feedback form to tell us what you think.

Access: Dataset ([here](#)), Password: DHL8K8KHU

IMMA e-Atlas ([here](#))

Contact: [Lauren Weatherdon](#)



■ Important Marine Mammal Areas (IMMAs)

Marine and coastal habitats

More than 38,000 new and higher-resolution polygons added to the *Global Distribution of Seagrasses*

Updates have been completed for 11 countries within the *Global Distribution of Seagrasses* dataset, and will be updated on the [Ocean Data Viewer](#) soon.

Contact: [Lauren Weatherdon](#)

Country	Update type	Change	Source
United Arab Emirates	Complete	+4,964 polygons (-2 polygons)	Government
Kenya	Partial (new)	+96 polygons	NGO
Portugal	Partial (new)	+66 polygons	University
Ireland	Partial (new)	+133 polygons	Government
Norway	Complete (new)	+367 polygons	Government
United Kingdom	Complete (new)	+582 polygons	Government
Spain	Partial (new)	+39 polygons	Government
France	Complete	+19,065 polygons (-50 polygons)	Government
USA (Florida)	Partial (new)	+937 polygons	Government
Italy	Complete	+7,403 polygons (-5,916 polygons)	Government
Greece	Complete	+4,495 polygons (-4,106 polygons)	Government

New Data and Resources

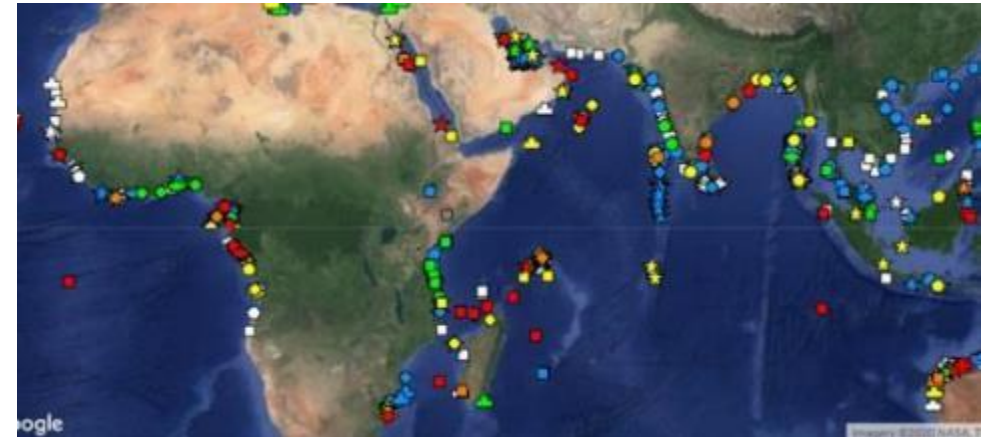
The latest geospatial data on the distribution of sea turtle nesting sites are now available to Proteus Partners

UNEP-WCMC has confirmed with the SWOT Database Manager that data on sea turtle nesting sites, including those identified through nDNA and mtDNA, can be used by Proteus Partners for high-level screening, with appropriate attribution. Broader spatial data on species distributions and regional management units (RMUs) are also available to Proteus Partners. These data are updated regularly (last updated in June 2020).

Website [here](#)

Data pack available [here](#) (password: Proteus2020)

Contact: [Lauren Weatherdon](#)



Screenshot of sea turtle nesting sites along the East Atlantic, West Indian, South Asia, South East Asian and Middle East regions (www.seamap.env.duke.edu/swot, 2020)

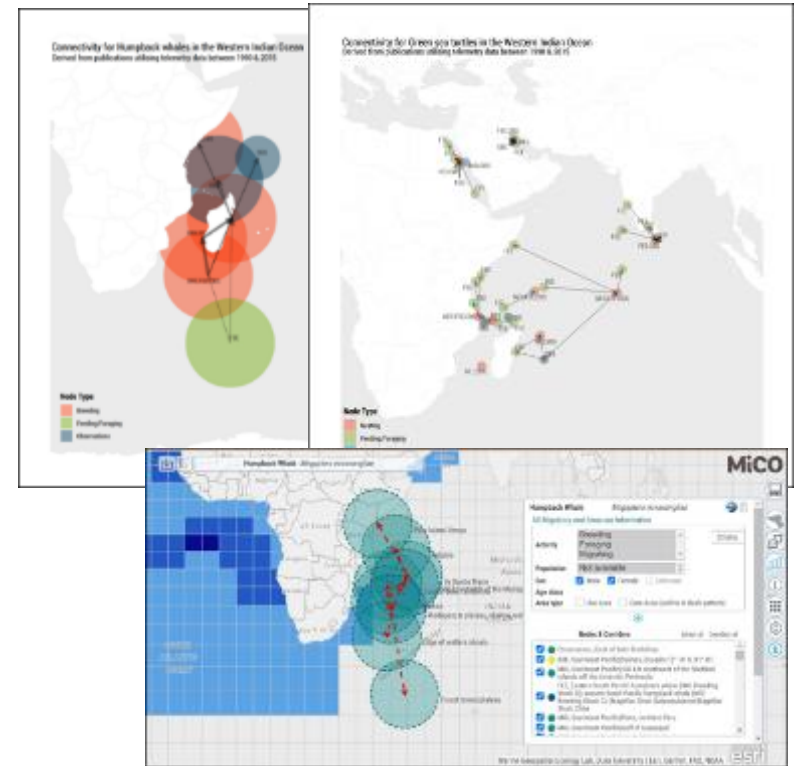
New Data and Resources

Eight new network models for five migratory species in the Western Indian Ocean and Southeast Pacific

A collaboration with the [MiCO project](#) has led to the development of new network models of nesting, breeding and foraging nodes and migration corridors for loggerhead, green and leatherback sea turtles, humpback whales and Arctic terns, based on telemetry information from 57 papers. The geospatial data for these and a further 10 species will be available to Proteus Partners by early September, but the first five species can now be explored via the website and a sneak peak of the maps can be viewed [here!](#)

Website [here](#)

Contact: [Lauren Weatherdon](#)



Resources

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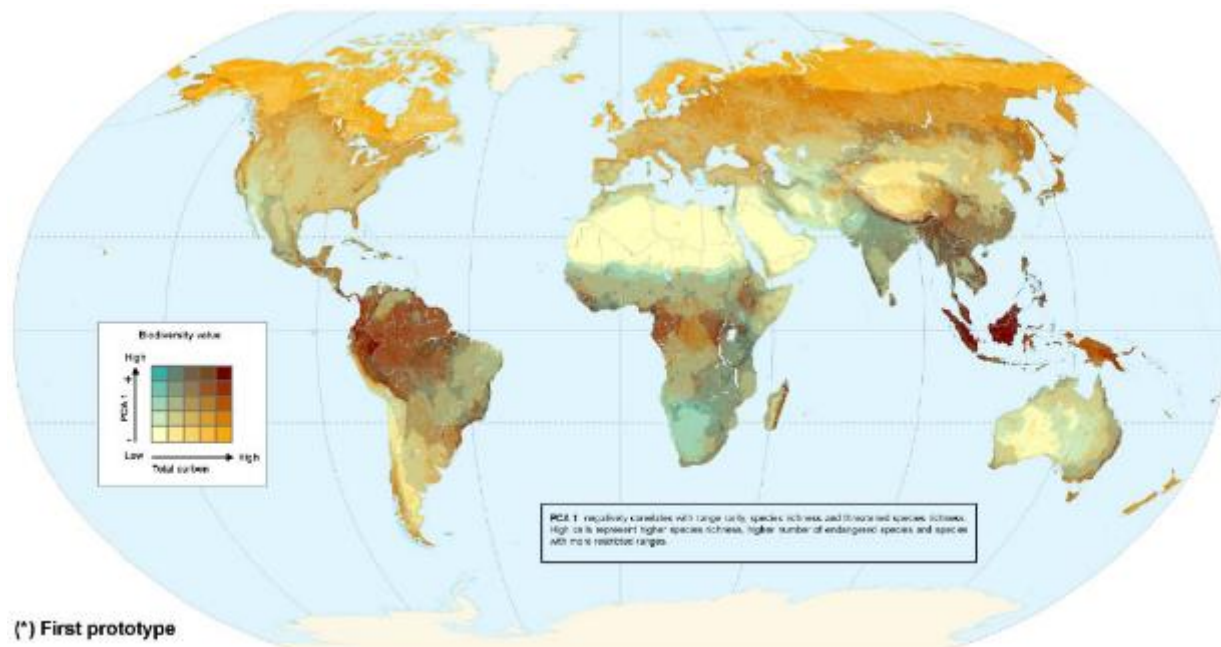
Technical Briefing Note: Combined Biodiversity and Carbon Management

A new technical briefing note exploring opportunities for companies to combine activities on biodiversity and carbon

With the pressing need to address both climate and biodiversity crises, this briefing note explores how spatial data could support company decision-making regarding conservation and restoration of biodiversity- and carbon-rich ecosystems.

Access: [here](#)

Contact: [Sebastian Bekker](#)



Resources

Jan to
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2020

Webinar: Ecologically or Biologically Sensitive Marine Areas (EBSAs)

Ecologically or Biologically Significant Marine Areas (EBSAs) globally have been scientifically identified as important for marine biodiversity

In January, Joseph Appiott (CBD Secretariat) presented on EBSAs, which are described using a set of seven scientific criteria reflecting naturalness, important life history stages, uniqueness and status, among other criteria. EBSAs also align with the [IFC PS6 criteria for Critical Habitat](#). We are currently negotiating for commercial access to the dataset on behalf of Proteus Partners.

Access: [here](#)

Contact: [Lauren Weatherdon](#)

Biodiversity A-Z Website

The Biodiversity A-Z is now included within the [WRI Cities4Forests Toolbox](#)

The [WRI Cities4Forests Toolbox](#) is a platform for cities to easily find the right tools for them to incorporate trees, forests, and green infrastructure into their decision-making, planning, and investments.

Cities4Forests recommends Biodiversity A-Z as it provides a clear and concise introduction to current trends in biodiversity. Analysing country-specific information can help city officials to better understand the current status of national action on biodiversity.

Access: [here](#)

Contact: [Alex Ross](#)

Resources

Proteus Partnership Impact Review 2019

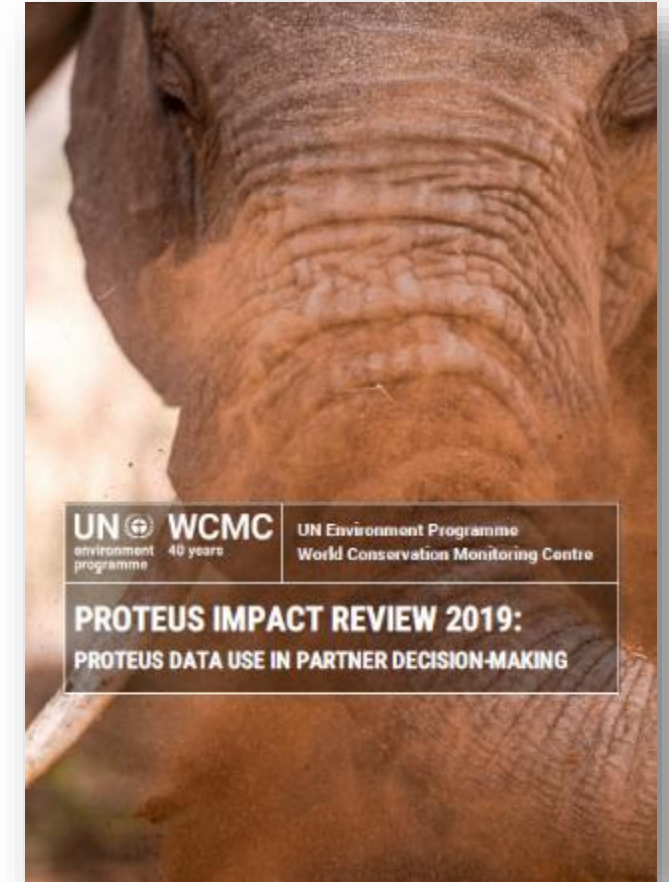
The Proteus Impact Review for 2019 has been released

Each year, Proteus Partners are invited to participate in a short survey, to track the impact of the Partnership. In 2019:

- Familiarity with the Proteus Partnership among technical/data users continued to grow.
- The majority of respondents considered Proteus resources and services to be valuable and make regular use of them.
- Information and data available through the Proteus Partnership continued to inform Partner companies' development decisions.

Access: [here](#)

Contact: [Katie Dawkins](#)



Resources

Jan to
June
2020

Proteus Annual Report 2019

The Proteus Annual Report 2019 is now available through the Proteus website

Every year, UNEP-WCMC produce a short summary of the key successes of the Partnership, and progress against the Proteus workplan. Highlights from 2019 include the launch of IBAT 3.0, over 100 new records in Ocean+, the release of the Word Database on other effective area-based conservation measures (WD-OECMs) and updates to the Biodiversity A-Z. The Annual Report can be accessed through the new Proteus website.

Access: [here](#)
Contact: [Katie Dawkins](#)



Publications

Jan to
June
2020



A practical approach to measuring the biodiversity impacts of land conversion

Methods in Ecology and Evolution. Duran A...Burgess, N *et al.*, (2020) - Available [here](#)



Towards understanding interactions between Sustainable Development Goals: the role of environment – human linkages

Sustainability Science. Scharlemann J...Brown C, Burgess N, Wicander S, Kapos V *et al.*, (2020) - Available [here](#)



Global recognition of the importance of nature-based solutions to the impacts of climate change

Global Sustainability. Seddon N... Kapos V, Wicander S *et al.*, (2020) - Available [here](#)



Out of the Blue: The Value of Seagrasses to the Environment and People

UNEP, GRID-Arendal and UNEP-WCMC (Lauren Weatherdon) (2020) - Available [here](#)



The State of the World's Forests 2020

The Food and Agricultural Organisation (FAO) of the United Nations and UNEP-WCMC (Will Simonson and Andrea Baquero) (2020) - Available [here](#)



A biodiversity target based on species extinctions

Science. Rounsevell M, Harfoot M, *et al.*, (2020) - Available [here](#)



Publications

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Mapping co-benefits for carbon storage and biodiversity to inform conservation policy and action

The Royal Society. Soto-Navarro, C...Hill, S.S *et al.*, (2020) - Available [here](#)



Global effects of land use on biodiversity differ among functional groups

British Ecological Society. Newbold T, Bentley, L.F, Hill, S.S *et al.*, (2020) - Available [here](#)



Importance of Indigenous Peoples' lands for the conservation of Intact Forest Landscapes

Frontiers in Ecology and the Environment, Fa, J.E, Watson, J.E.M...Burgess, N *et al.*, (2020) - Available [here](#)



Mapping nature's contribution to SDG 6 and implications for other SDGs at policy relevant scales

Remote Sensing of Environment. Mulligan, M, van Soesbergen, A...Hutton, J *et al.*, (2020) - Available [here](#)



Global Futures: Assessing the global economic impacts of environmental change to support policy-making

GTAP, Natural Capital Project, WWF (2020) - Available [here](#)



Other UNEP-WCMC Outputs

Our work on protected areas has featured as a news article titled 'The Science stories that shaped 2019' in the Guardian

News article - Available [here](#).

Our academic paper which the article referenced:

A global-level assessment of the effectiveness of protected areas at resisting anthropogenic pressures

Proceedings of the National Academy of Sciences of the United States of America (PNAS). Goldman, J... Burgess, N *et al.*, 2019 - Available [here](#)

We have also been involved with a product released by National Geographic on their special issue on Earth Day

(Xavier De Lamo, Oliver Tallwin and Jennifer Mark) - Available [here](#)



Calendar

Jan to
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2020

Proteus Partner Events

**Sept
2020** **Horizon Scanning Webinar**
Resilience

**Sept
2020** **Data Forum**
Natural and Modified Habitat

Save the Date

**21-25
Sept
2020** **Proteus Annual Meeting 2020**
Save the Date
For more information, contact [Jonty Knox](#)

External Events and Webinars

**24-27
Aug** **The 6th International Marine Conservation
Congress (IMCC6) (Virtual)**
Registration [here](#)

**22-23
Sept** **Nature Summit at the 75th Session of the UN
General Assembly (UNGA 75)**
[More information](#)

**29-1
Sept/Oct** **6th International Climate Change Adaptation
Conference**
[More information](#)



Calendar

Jan to
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Postponed Events

In light of the global Coronavirus (COVID-19) pandemic, many events are being cancelled or postponed. These dates may therefore be subject to change.

7-15 **IUCN World Conservation Congress 2020**

Jan
2021

Location: Marseille, France

[More information](#)

TBC
2021

SBSTTA-24 and SBI-3

Location: Montreal, Canada

[More information](#)

TBC
2021

GBIF Biodiversity Summit 2020

Location: TBC

[More information](#)

