

Proteus Quarterly Update

April to June 2021

UN  WCMC
environment
programme

proteus

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1.1 Highlights

Updates from the new phase of Proteus

During the second quarter of 2021, UNEP-WCMC delivered a number of resources and trainings to Partners

- 6 training sessions delivered to Partners with 108 attendees
- 22 countries updated in the WDPA, including 6 priority countries nominated by Partners
- 171 IBAT reports generated
- 2 Data Forum sessions convened
- 1 Horizon Scan webinar delivered
- 23 data verification queries solved




Point of Contact
Alex Ross

1.2 Highlights

Launch of the ENCORE biodiversity module

This recent addition to ENCORE allows financial institutions to understand how their portfolios can move towards alignment with a nature positive future

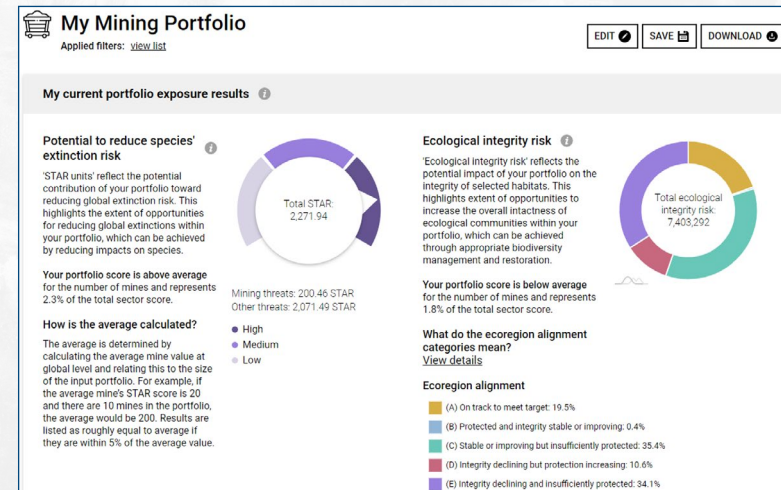
- The module will be updated in future to link more closely to the goals and targets in the Post-2020 Global Biodiversity Framework.
- The module uses two goal-relevant metrics focused on potential to reduce species' extinction risk and ecological integrity risk.
- Accompanying resources include a guide to the biodiversity module and a full methodology document.

 [Access methodology](#)

 [Access guide](#)

 [View module in ENCORE](#)

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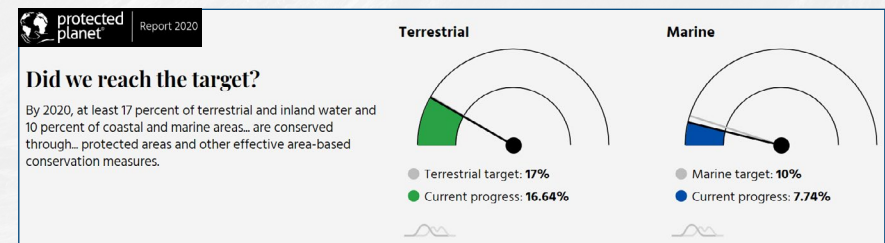
Point of Contact
Sebastian Bekker


1.3 Highlights

Launch of the Protected Planet Report 2020

UNEP released its final report on the status of Aichi Biodiversity Target 11

- The flagship report showed that the world has reached its target of protecting 17% of global lands. The 10% target for the ocean has not been reached, but major progress has been made.
- However, the report found that more should be done to ensure that protected and conserved areas are in the right places, effective in achieving positive outcomes for biodiversity, well managed, and equitably governed.



 [Access Report](#)

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Point of Contact
Heather Bingham

1.4 Highlights

Launch of Land-Use-Financing KPI Directory

UNEP-WCMC and UNEP launched a directory of Key Performance Indicators (KPIs) to help harmonize measurement and reporting of positive Environmental & Social impacts

- The tool helps financial institutions to identify how their investments could generate positive E&S impacts and which KPIs to use to demonstrate and monitor these impacts.
- The tool includes KPIs across five E&S impact areas: biodiversity conservation, climate adaptation and mitigation, forest protection, and sustainable livelihoods.

 [Read the Web story](#)

 [Access the tool](#)

Sustainable land-use creates benefits for people and planet

Agriculture has positive and negative impacts on people and the planet.

Under business as usual, agricultural production results in significant negative impacts on biodiversity, climate and people.

"Healthier, more sustainable and more equitable food systems" are vital for achieving the Sustainable Development Goals (SDGs), notably 1 – 'No Poverty', 2 – 'Zero Hunger', 13 – 'Climate Action' and 15 – 'Life On Land'.

The implementation of sustainable land-use practices can **alleviate these risks and deliver positive outcomes**.



Point of Contact
Rodrigo Cassola

2.1 Protected Areas

World Database on Protected Areas (WDPA) and World Database on OECMs

Several data updates have been made to the WDPA including:

- **USA:** A complete update of national protected areas in the USA, from the PAD-US 2.1 dataset. This update included 42,965 protected areas across land and sea and resulted in a net increase of 6,585 protected areas.
- **Oman:** A complete update for the protected areas of Oman for the first time since 2014, which included the addition of 4 Nature Reserves and 3,569.7 km² of protected area added.
- **Ethiopia:** A full update of national protected areas in Ethiopia. This included an update of all governance types, removing one site (Jikao), as this was no longer a protected area and verified the rest of the data as correct.
- **South Africa:** A full update of national-level protected areas and OECMs. This included the addition of eleven Nature Reserves, five Protected Environments and a Forest Nature Reserve. This update also included the addition of three new Ramsar sites.

Number of countries updated	22
Net increase in records	8,502
Percent of records updated or validated	21%



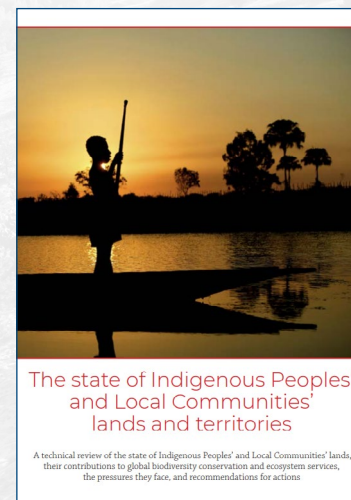
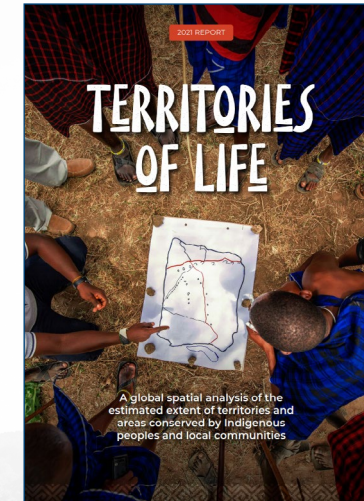
Point of Contact
Jessica Stewart

2.2 Protected Areas

World Database on Protected Areas (WDPA)

Other updates and publications

- The Central African Forests Commission published the [French version of the State of Protected Areas Reported of Central Africa](#) (including Equatorial Guinea).
- UNEP-WCMC and the ICCA Consortium published the [Territories for Life Report](#). The analysis provides technical and scientific evidence to strengthen key aspects of the Post-2020 global biodiversity framework and its implementation. It illustrates that fulfilling the CBD's proposed 2050 vision of "living in harmony with nature" can only be achieved through a human rights-based approach that respects Indigenous people and local communities.
- The [state of Indigenous Peoples' and Local Communities' lands and territories](#) report was published in May. This is a technical review of the state of Indigenous Peoples' and Local Communities' lands, their contributions to global biodiversity conservation and ecosystem services, the pressures they face, and recommendations for actions.



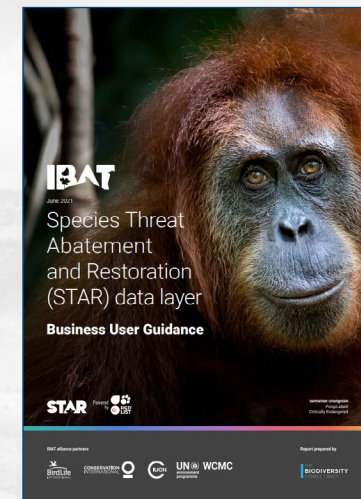
Point of Contact
Jessica Stewart

3.1 IBAT

IBAT 3.0

New functionality

- IBAT released STAR Beta to Enterprise Plus users, allowing companies to download the global STAR layer and test the new IBAT STAR Reports. Any initial feedback on STAR is welcome.
- Alongside the data layer, IBAT have released an Industry Briefing Note on the STAR Metric, as well as a more detailed Business User Guidance.



 [Access the Industry Briefing Note](#)

 [Access the Business User Guidance](#)



Point of Contact
Edward Ellis

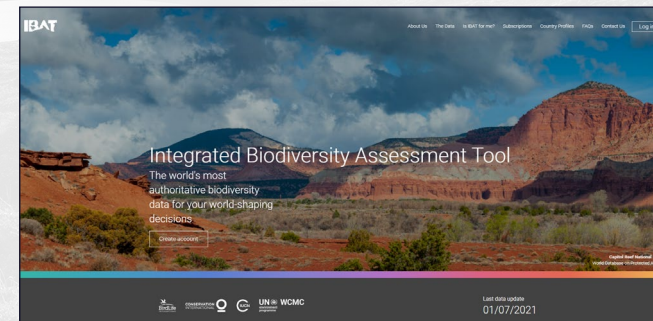
3.2 IBAT



IBAT 3.0

Updates and enhancements

- IBAT Proximity and PS6/ESS6 Reports will permit users to filter species by biomes. As IBAT Reports use a 50km 'confidence interval' to determine likely species presence, users can now filter these results by terrestrial, freshwater and marine biomes to ensure the list of species is relevant to their project.
- The Rarity-weighted Richness map has been updated to incorporate the latest Red List assessments and for the first time. Freshwater taxonomic groups have been added, including crabs, crayfish and shrimp.



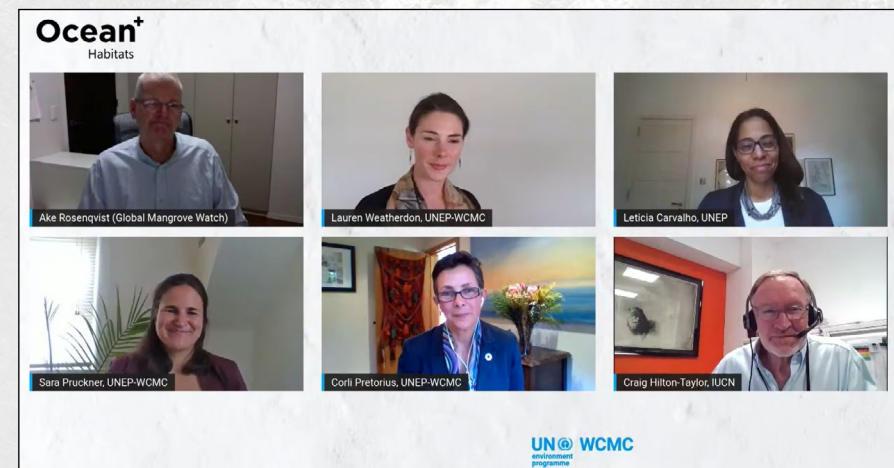
Point of Contact
Edward Ellis

4.1 Marine

New Resources

New Ocean+ Habitats launched on World Oceans Day

- The new **Ocean+ Habitats** offers country pages with national data and information on the distribution of marine habitats and their coverage by protected and conserved areas, updated monthly.
- We partnered with **Protected Planet** and the **IUCN Red List of Threatened Species** to provide access to up-to-date data on the Red List status of seagrass, mangrove, saltmarsh, and cold- and warm-water coral species and their protected and conserved status.



 [Access Ocean+ Habitats](#)



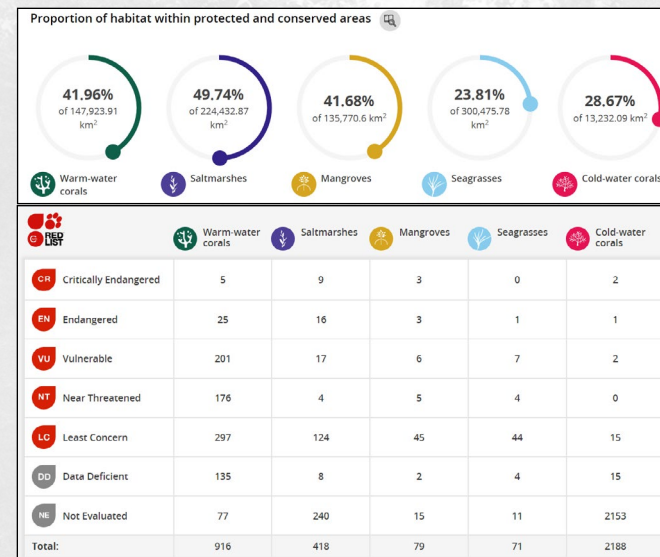
Point of Contact
Sara Pruckner

4.2 Marine

National habitat statistics available for download

New Ocean+ Habitats provides downloadable statistics by country

- Processed statistics on habitat extent and coverage by protected and conserved areas are now downloadable by country.
- Mangrove change over time downloadable by country, combining data from the [Global Mangrove Watch](#) and [Protected Planet](#).
- Discussing collaboration with the [Allen Coral Atlas](#) team to include latest state-of-the-art data on the extent of coral reefs globally.



 Access Ocean+ Habitats



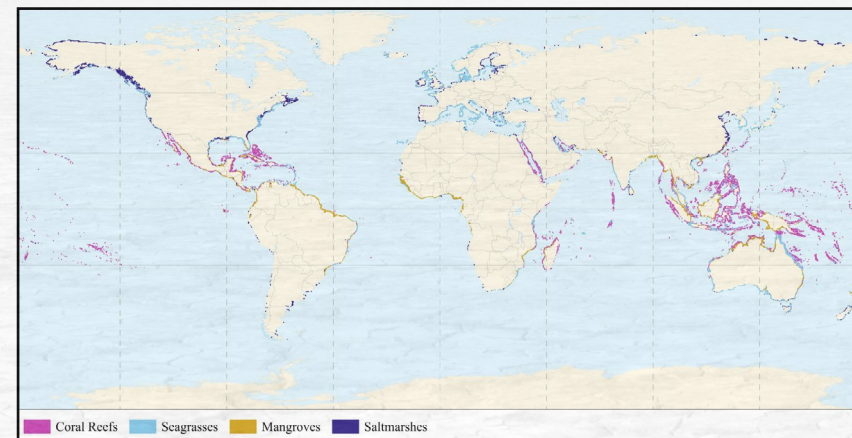
Point of Contact
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4.3 Marine

New Resources

New book chapter: Spatial data collection for conservation and management of coastal habitats

- “Encyclopaedia for the UN Sustainable Development Goals: Life Below Water” published with a chapter by UNEP-WCMC.
- The chapter details current problems with data availability and diverse data collection methods and standards, and calls for the use of agreed frameworks to improve global marine habitat data.
- Benefits and drawbacks of in situ and remote sensing data collection methods are explored, and how scientists and data users can harness the advantages of both methods.



 [Access Resource](#)

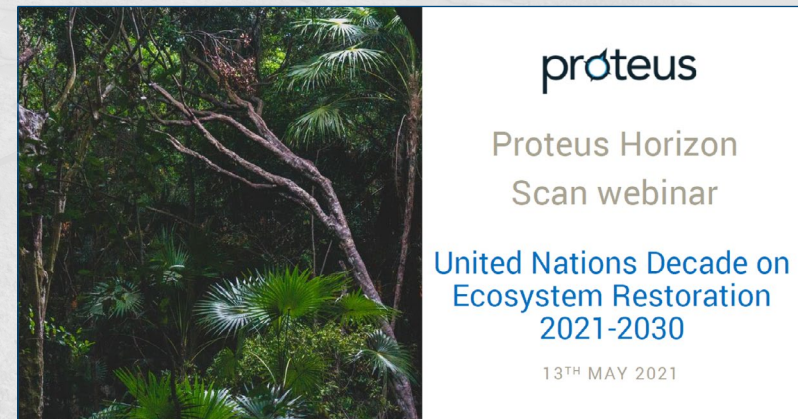


5.1 Resources

Horizon Scanning Webinar: Engagement with the UN Decade on Restoration

The UN Decade for Restoration calls for private sector involvement to prevent, halt and reverse the degradation of ecosystems

- UNEP-WCMC provided an introduction to the [UN Decade on Ecosystem Restoration](#), highlighting the existing tools and initiatives on where to restore and monitor restoration as well as identifying potential opportunities for private sector engagement within the UN Decade.



[Access Horizon Scanning Webinar](#)



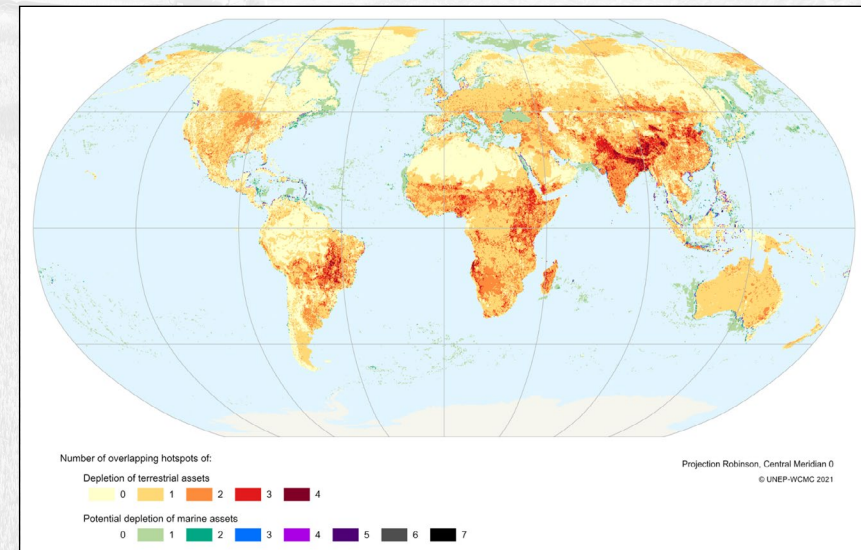
Point of Contact
Hazel Thornton


5.2 Resources

Data Forum: Mapping hotspots of natural capital depletion

This Data Forum discussed new layers mapping the global relative rate and hotspots of natural capital depletion for terrestrial natural capital assets, and potential hotspots of depletion in the marine realm

- We discussed the rationale for developing the hotspots of natural capital depletion layers, the methodology, and the intended use of the layers and relevance to Proteus Partners.



 [View layers in ENCORE](#)

 [Download the GIS data pack](#)

 [Access Data Forum](#)



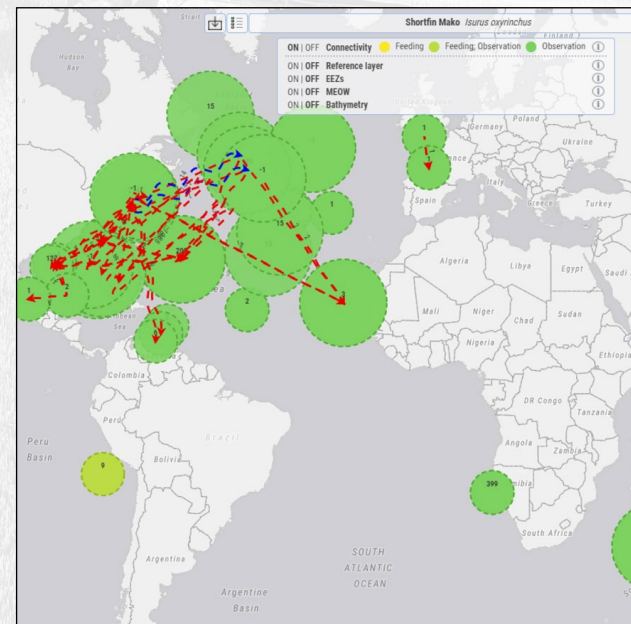
Point of Contact
Alex Ross

5.3 Resources

Data Forum: Advances and use of IMMAs, MiCO and EBSAs datasets

In this Data Forum, three marine dataset providers collaborated to improve Proteus Partners' understanding of available and upcoming marine data.

- The session included valuable discussions around how Proteus partners are using the data, what improvements they would like to see in the future, and how we can foster a closer collaboration between data providers and users
- Speakers included:
 - Michael Tetley, IMMA Programme Coordinator, IUCN Joint SSC/WCPA Marine Mammal Protected Area Task Force
 - Daniel Dunn, Senior Lecturer, University of Queensland
 - Patrick Halpin, Professor of Marine Geospatial Ecology, Duke University



 Access Data Forum

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Point of Contact
Alex Ross

6. Publications



Ecoregion Snapshots

Terauds A...Martin E, Burgess N, et al., (2021)– Available here



The economic consequences of conserving or restoring sites for nature

Bardbury R...Ingwall-King L, et al., (2021)– Available here



Implementing Brazil's Forest Code: a vital contribution to securing forests and conserving biodiversity

Brock R...Arnell A, Kapos V, et al., (2021)– Available here



Protected Planet Report 2020

UNEP-WCMC and IUCN, (2021)– Available here



Mapping global hotspots of natural capital depletion

UNEP-WCMC, (2021) – Available here



Harmonizing positive environmental & social impact in Sustainable Land-Use Finance

UNEP and UNEP-WCMC, (2021)– Available here



Spatial data collection for conservation and management of coastal habitats

Life Below Water. Pruckner S, McOwen C, Weatherdon L V, McDermott-Long O (2021)– Available here

7. Events Calendar

Proteus Partner Events

- Sep** Technical Briefing Note – Area of influence
- Sep** Technical Briefing Note - Brownfield sites
- Sep** Horizon Scanning Webinar – International Maritime Organisation (IMO) designations
- Oct** Technical Briefing Note – Energy transition
- Oct** Horizon Scanning Webinar - Biodiversity beyond national jurisdiction
- Oct** Horizon Scanning Webinar – Biodiversity measurement
- Nov** Data Forum – Marine restoration
- Nov/
TBC** Proteus Annual Meeting

External Events

- Apr -
Dec** Geneva Nature Based Solutions Dialogues
[Event Details](#)
- Sep** IUCN World Conservation Congress
[Event Details](#)
- Oct** Fifteenth meeting of the Conference of the Parties (COP) to the Convention on Biological Diversity
[Event Details](#)