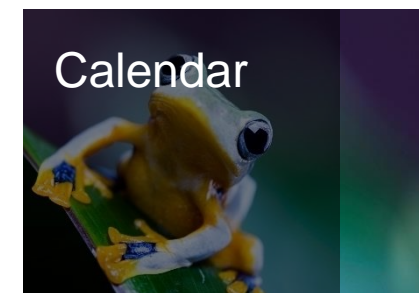
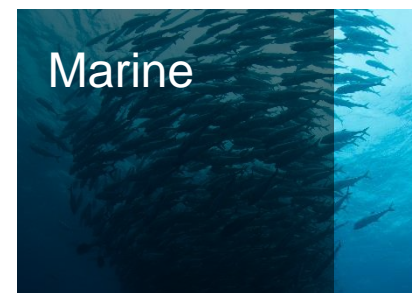
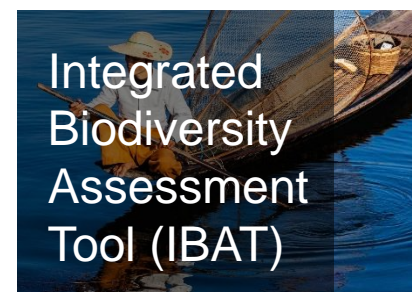
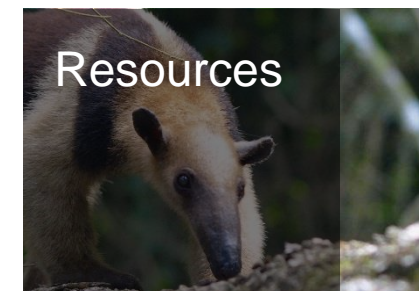
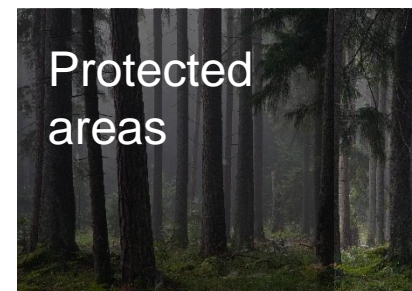
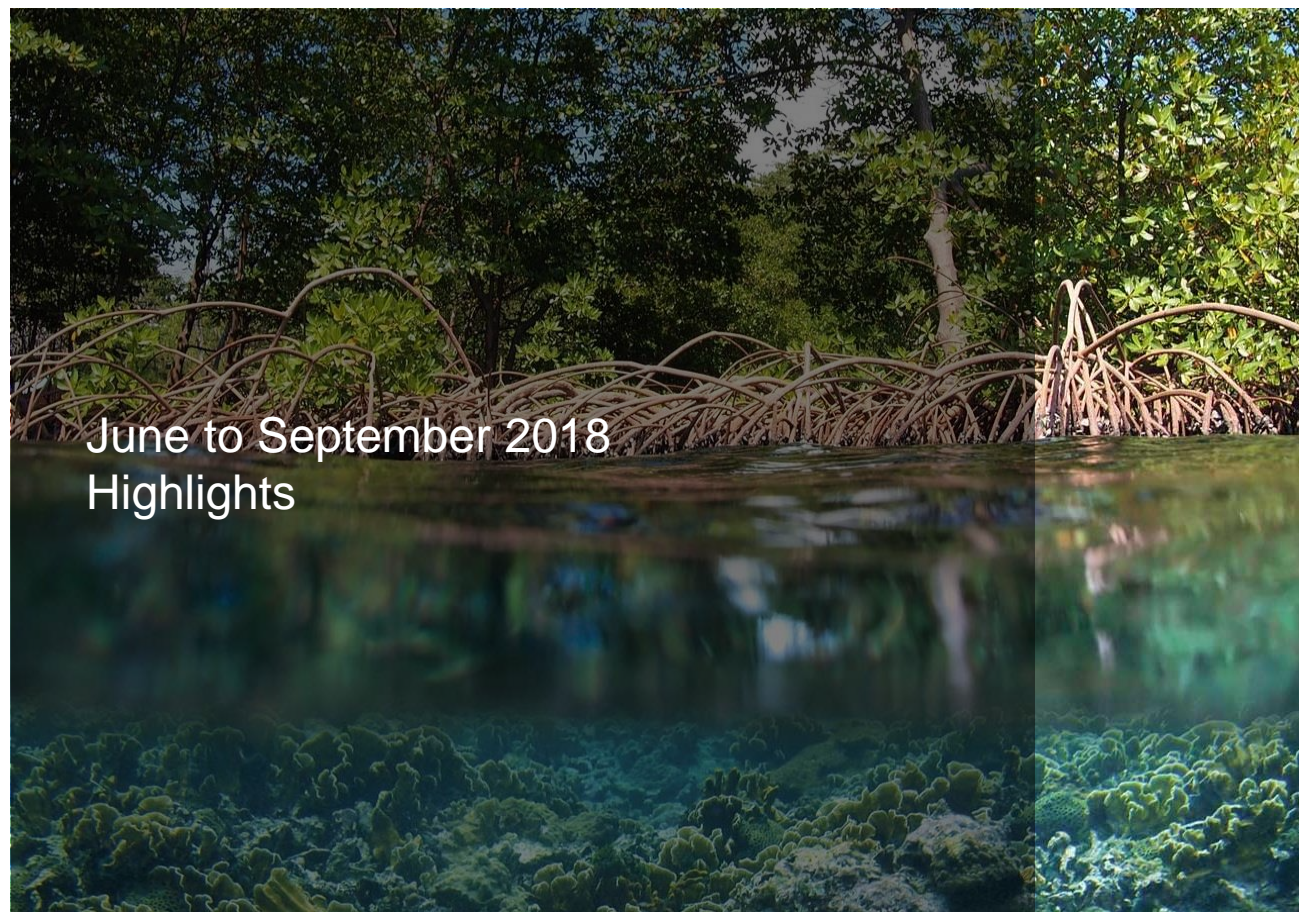


# Proteus Quarterly Update



# Highlights

## Engaging UK business in developing a post-2020 framework for biodiversity

Workshop convened with Defra, Joint Nature Conservation Committee (JNCC), BP, Fauna & Flora International (FFI) and University of Oxford.

- Convened businesses, UK government, business-focused academic institutions and non-governmental organisations on 2<sup>nd</sup> October 2018.
- Facilitated discussions around the current Strategic Plan for Biodiversity 2011-2020, the relevance of existing targets to the private sector and how to engage business in the development of the post-2020 biodiversity framework.

Contact: [Annelisa Grigg](#)



*Participants at the workshop on engaging UK business in the development of a post-2020 framework for biodiversity*

# Highlights

## Biodiversity Indicators for Extractive Companies

### Piloting the draft methodology to monitor performance.

- Now securing agreement with Proteus Partners to test the methodology with live data from sites.
- The piloting process (which will run from January to December 2019) aims to determine the feasibility of the methodology and the extent to which it meets business needs.
- Pilot sites will be selected to represent a range of geographies, stages of development and ecosystems.
- Companies will work with a range of partners to test the methodology.

Contact: [Annelisa Grigg](#)

### Areas for exploration in piloting

- Defining a reasonable operational scope of the assessment
- Treatment of pressures on biodiversity not attributable to the company
- Refining response indicators
- Use of estimated data
- Exploring how to communicate the indicators credibly and simply
- Identification of any additional tools / guidance that might be needed
- Exploring links to other approaches

# Highlights

## Regional training course on oil and gas operations in environmentally sensitive areas (10-14 September 2018)

Developed and delivered in collaboration with UN Environment, the Norwegian Environment Agency, IPIECA, TOTAL Uganda and UNEP-WCMC.

- Funded by the Norwegian Oil for Development Programme and part of a series of training courses being developed by UN Environment.
- Government representatives attended from Ghana, Kenya, Uganda, Mozambique, Tanzania, and Zanzibar.
- The course covered pre-project integrated area based planning for oil and gas development, and project level biodiversity management based on the IPIECA peer to peer training materials.

Contact: [Sharon Brooks](#)



*Participants from the regional training course on oil and gas operations in environmentally sensitive areas*

# Highlights

## The Convention on Biological Diversity: Engaging the Private Sector on Mainstreaming Biodiversity into Infrastructure, Energy and Mining

A collaboration between UN Environment, the Secretariat of the Convention on Biological Diversity (CBD) and UNEP-WCMC.

- Working with the CBD and UN Environment to secure relevant business engagement opportunities which build on work to date.
- The next key events of relevance to Proteus Partners are the Business and Biodiversity Forum, Leaders Breakfast and side events at COP 14. UNEP-WCMC will be participating in these events and will report back in December.

Contact: [Katie Dawkins](#) or [Sharon Brooks](#)



*Timeline and next steps for involvement*



# Protected Areas

## World Database on Protected Areas (WDPA)

Data updates have been made to over 3,000 records in the WDPA this quarter, with a focus on countries in South America.

- **Chile:** Complete update of national-level protected areas, including a new marine protected area, Rapa Nui, with an area of 500,000 km<sup>2</sup>.
- **Colombia:** Complete update of the country's national-level protected areas, which has resulted in the addition of 398 new protected areas to the WDPA.

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

Number of countries updated	21
Net increase in records	849
Number of records updated or validated	3,145

Summary of WDPA updates June to September 2018

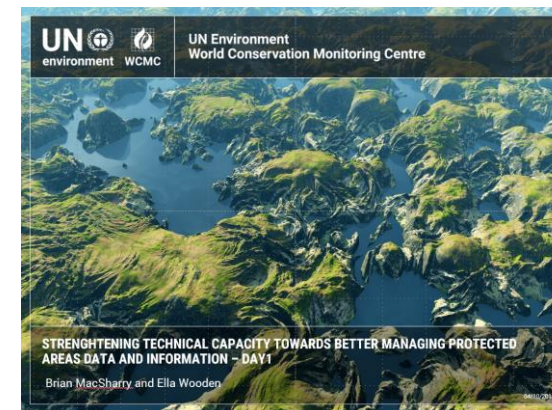
# Protected Areas

## GIS and technical capacity building workshops

Workshops in Central Asia to develop capacity around protected areas and gather information in a region which has been historically difficult to update.

- A workshop was held in Astana, Kazakhstan (20<sup>th</sup> -21<sup>st</sup> September 2018) with members of the Committee on Forestry and Wildlife and various protected area representatives. Data in the WDPA appear to provide a good representation of the network but it needs to be updated. UNEP-WCMC are in contact with the Committee to work towards an update.
- A second workshop was held in Tashkent, Uzbekistan (24<sup>th</sup> -25<sup>th</sup> September 2018) with members of State Committees involved with protected area management. Participants had a good understanding on their network and UNEP-WCMC are working on an imminent update for the WDPA.

Contact: [Marine Deguignet](#)



*Capacity building presentations used during the workshops*

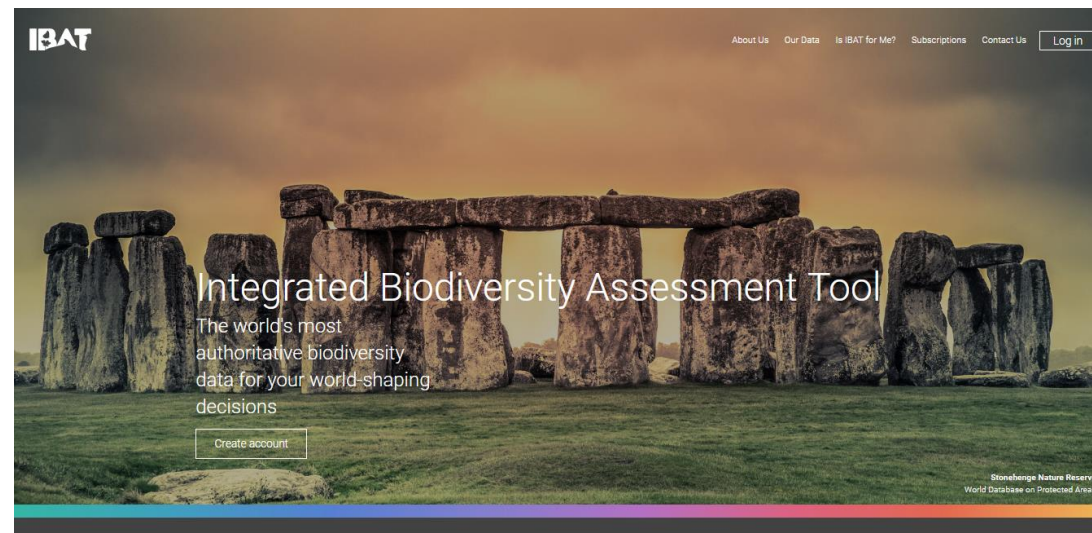
# Integrated Biodiversity Assessment Tool (IBAT)

## Redevelopment of the Integrated Biodiversity Assessment Tool (IBAT)

### Approaching the final stages of the redevelopment of the Integrated Biodiversity Assessment Tool (IBAT)

- The beta release is complete.
- The team is in the final stages of system development, feedback and testing.
- The new tool will be released by the end of October 2018.
- We will hold a Technical Community of Practice session on IBAT in November 2018 to present and discuss the new functionalities.

Contact: [Yichuan Shi](#)



*IBAT beta release homepage*

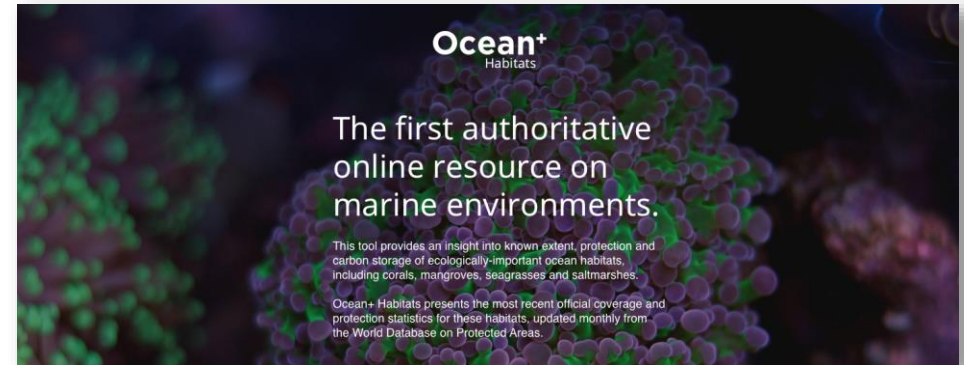
## Ocean+ Habitats

### Activities to advance habitat data available through Ocean+ Habitats

- An Ocean+ side event was held at the Convention on Biological Diversity's Subsidiary Body on Scientific, Technical and Technological Advice (SBSTTA 21) to gather feedback and promote the work to countries.
- Work to update data on coral reefs and associated habitats will be released by the end of 2018.
- Negotiating to launch a call for coral reef data via the Global Coral Reef Monitoring Network, through the International Coral Reef Initiative (ICRI) Secretariat.
- Ocean+ Habitats will be launched in November 2018.

Access: [here](#)

Contact: [Lauren Weatherdon](#)



*Above: Ocean+ Habitats website to be launched in November 2018*

*Below: Side event held at the SBSTTA 21*

## Ocean+ Ocean Data Viewer

### Access to two new ocean habitat datasets through Ocean+ Ocean Data Viewer

- Global Mangrove Watch (Bunting *et al.*, under review): The next evolution of a global baseline map on mangroves (for 2010), using [ALOS PALSAR](#) and Landsat data (data on changes between 1996 and 2017 will be made available in Q4 2018).
- Modelled Global Distribution of the Seagrass Biome (Jayathilake and Costello, 2018): Dataset identifying broad-scale habitat suitability for seagrasses, using a MaxEnt species distribution model.

Access: [here](#)

Contact: [Lauren Weatherdon](#)



Above: View of the Global Mangrove Watch data

Below: View of the Modelled Global Distribution of the Seagrass Biome data

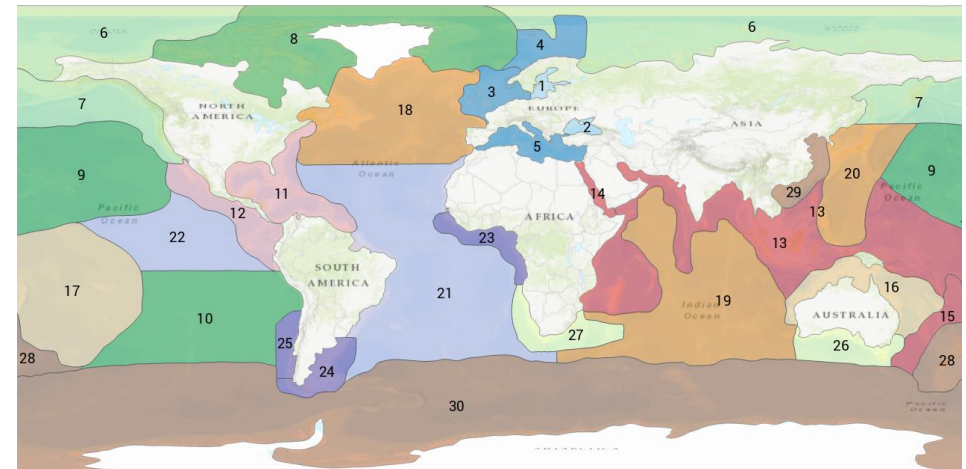
## Ocean+ Ocean Data Viewer

### Update to Web Map Services and access negotiated to new data

- Web map services for data on the Ocean Data Viewer have been updated and consolidated, improving access for Proteus Partners.
- Access to the '*Marine biogeographic realms and species endemism*' (2017) dataset has been negotiated for Proteus Partners (to be released in Q4 2018). This offers the most taxonomically-integrated map of global marine biogeographic realms.

Access: [here](#)

Contact: [Lauren Weatherdon](#)



Dataset on marine biogeographic realms and species endemism - more information available [here](#)

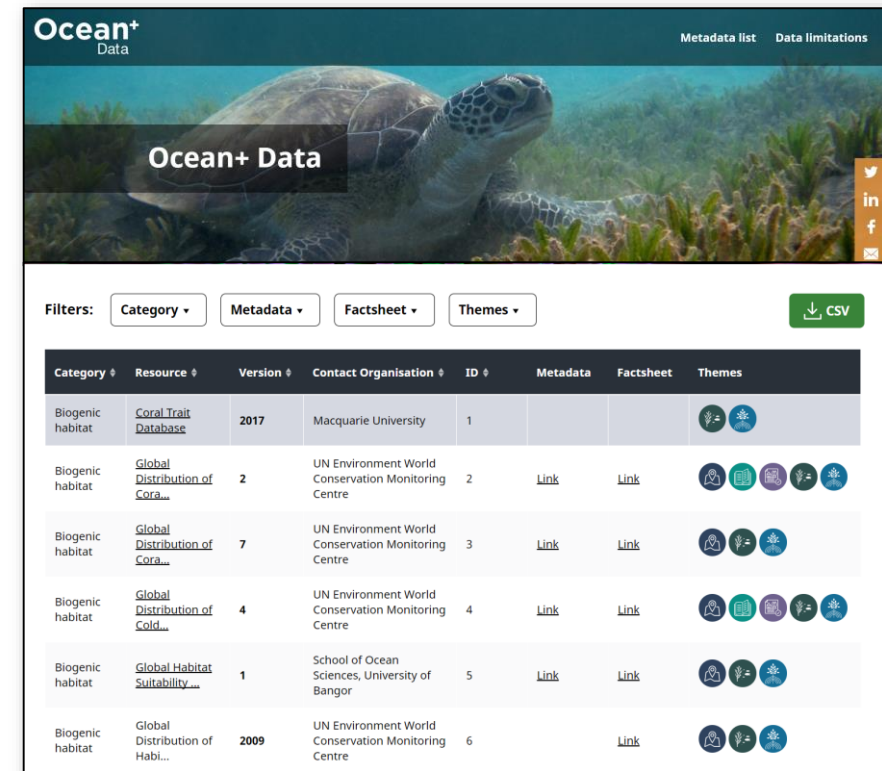
## Ocean+ Data

### New metadata sheets and general updates for Ocean+ Data

- Metadata sheets have been created for:
  - [Global Mangrove Watch](#);
  - [A Modelled Global Distribution of the Seagrass Biome](#);
  - [Global Critical Habitat Screening Layer](#);
  - [Global Database on Protected Areas Management Effectiveness \(GD-PAME\)](#); and
  - [Marine Biogeographic Realms](#).
- These metadata sheets will be added to Ocean+ Data in Q4 2018.

Access: [here](#)

Contact: [Lauren Weatherdon](#)



The screenshot shows the Ocean+ Data website interface. At the top, there's a header with the Ocean+ Data logo and navigation links for 'Metadata list' and 'Data limitations'. Below the header is a large image of a sea turtle swimming over a seagrass bed, with the text 'Ocean+ Data' overlaid. To the right of the image are social media icons for Twitter, LinkedIn, Facebook, and Email. Below the image is a filter section with buttons for 'Category', 'Metadata', 'Factsheet', and 'Themes', along with a 'Download CSV' button. The main content is a table with the following columns: Category, Resource, Version, Contact Organisation, ID, Metadata, Factsheet, and Themes. The table lists several metadata sheets related to biogenic habitats.

Category	Resource	Version	Contact Organisation	ID	Metadata	Factsheet	Themes
Biogenic habitat	<a href="#">Coral Trait Database</a>	2017	Macquarie University	1			
Biogenic habitat	<a href="#">Global Distribution of Cora...</a>	2	UN Environment World Conservation Monitoring Centre	2	<a href="#">Link</a>	<a href="#">Link</a>	
Biogenic habitat	<a href="#">Global Distribution of Cora...</a>	7	UN Environment World Conservation Monitoring Centre	3	<a href="#">Link</a>	<a href="#">Link</a>	
Biogenic habitat	<a href="#">Global Distribution of Cold...</a>	4	UN Environment World Conservation Monitoring Centre	4	<a href="#">Link</a>	<a href="#">Link</a>	
Biogenic habitat	<a href="#">Global Habitat Suitability...</a>	1	School of Ocean Sciences, University of Bangor	5	<a href="#">Link</a>	<a href="#">Link</a>	
Biogenic habitat	<a href="#">Global Distribution of Habi...</a>	2009	UN Environment World Conservation Monitoring Centre	6		<a href="#">Link</a>	

Ocean+ Data website

# Resources

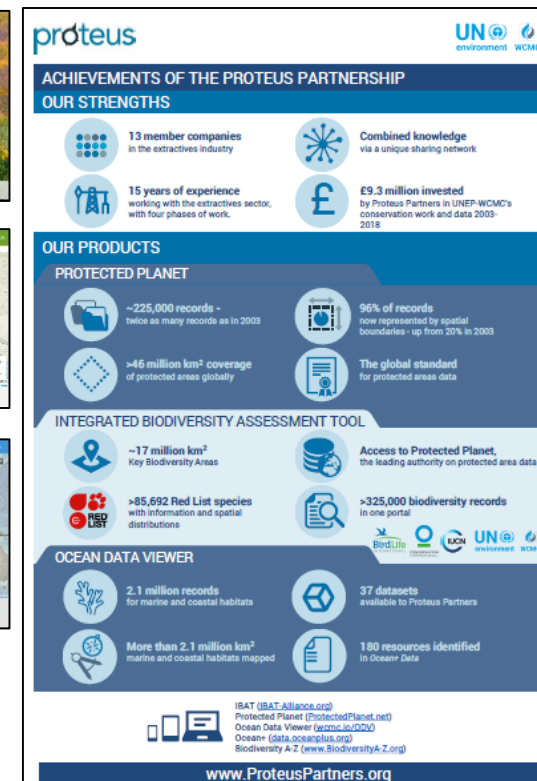
## Achievements of the Proteus Partnership

An updated infographic to highlight and celebrate the achievements of the Proteus Partnership, notably:

- 15 years of experience and combined knowledge.
- 13 member companies, with Anglo American re-joining the Partnership in October 2018.
- Development of products including Protected Planet, the Integrated Biodiversity Assessment Tool and Ocean+ Ocean Data Viewer.

Access: [here](#)

Contact: [Katie Leach](#)



Infographic on the achievements of the Proteus Partnership



# Resources

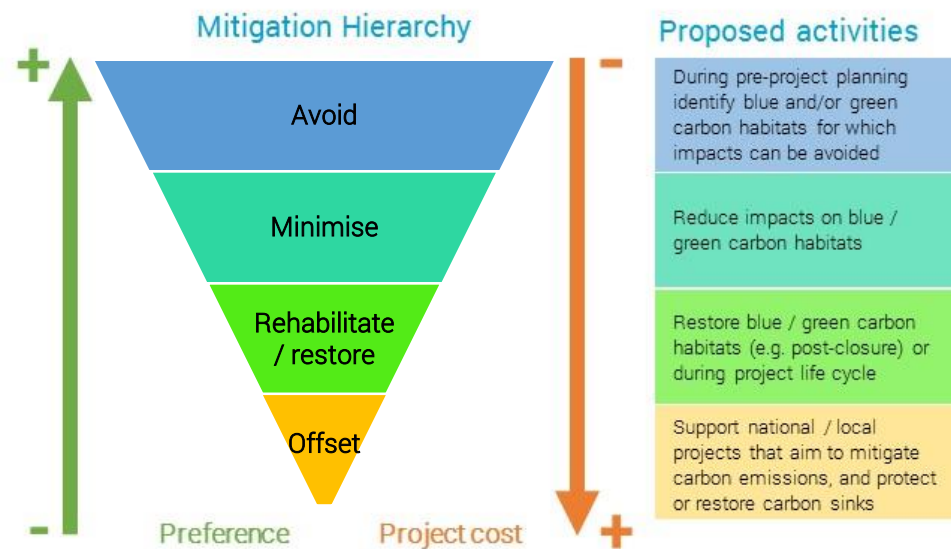
## Technical Briefing Note on Green and Blue Carbon

A new technical briefing note providing an overview of the role that ecosystems can play in mitigating carbon emissions.

Following feedback received from Partners at the 2018 Proteus Annual Meeting, this briefing note has now been finalised. Given the importance of reducing carbon emissions to achieve global climate goals, this document lists how extractive companies can contribute by incorporating key carbon-rich ecosystems into their existing biodiversity management practices.

Access: [here](#)

Contact: [Sebastian Bekker](#)



*Activities that extractive companies can undertake to conserve carbon-rich ecosystems along the Mitigation Hierarchy*

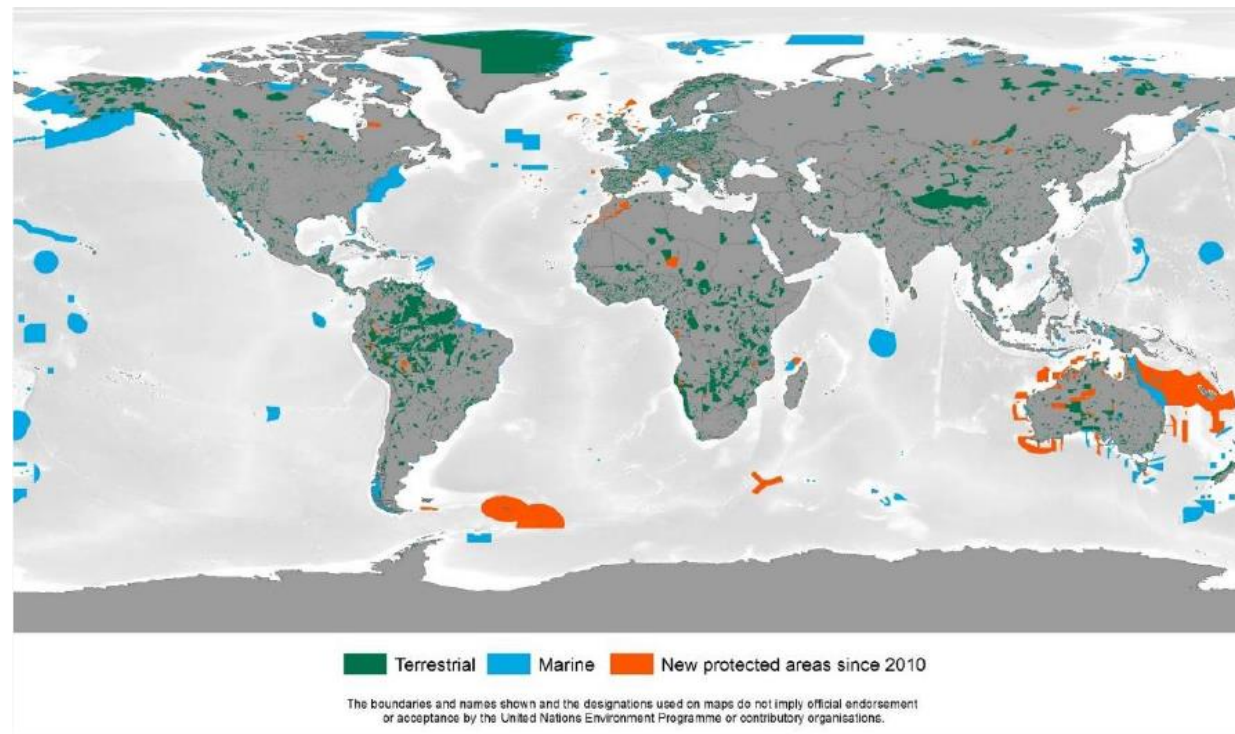
# Resources

## Proteus Technical Assistance

Reminder, Proteus Partners are entitled to access 20 hours of technical assistance each year.

Please contact your Proteus focal point to discuss any projects you would like to carry out in 2018.

Contact: [Matt Jones](#)  
[Katie Leach](#)  
[Sebastian Bekker](#)



*Global protected area coverage in the year 2016 from UNEP-WCMC (2016). A decade of protected area growth. UNEP-WCMC. Cambridge, UK. More information can be found [here](#)*

# Publications



## [A rapid assessment of co-benefits and trade-offs among Sustainable Development Goals](#)

Marine Policy, Singh *et al.* (July 2018) - [More information here](#)



## [A spatial overview of the global importance of Indigenous lands for conservation](#)

Nature Sustainability, Garnett *et al.* (July 2018) - [More information here](#)



## [Unveiling the patterns and trends in 40 years of global trade in CITES-listed wildlife](#)

Biological Conservation, Harfoot *et al.* (July 2018) - [More information here](#)



## [Future response of global coastal wetlands to sea-level rise](#)

Nature, Schuerch *et al.* (September 2018) - [More information here](#)



## [Aiming higher to bend the curve of biodiversity loss](#)

Nature Sustainability, Mace *et al.* (September 2018) - [More information here](#)



## [Human activities and resultant pressures on key European marine habitats: An analysis of mapped resources](#)

Marine Policy, Dailianis *et al.* (December 2018) - [More information here](#)



# Calendar

June  
to  
Sept  
2018

## Proteus Partner Events

- 10 Oct 2018** Technical Community of Practice 3: Ocean+
- 1 Nov 2018** Global Biodiversity Agenda Webinar 2: Climate change and biodiversity
- 22 Nov 2018** Technical Community of Practice 4: IBAT redevelopment
- 13 Dec 2018** Global Biodiversity Agenda Webinar 3: Convention on Biological Diversity
- January 2019** Technical Community of Practice 1: Threat mapping
- February 2019** Global Biodiversity Agenda Webinar 1: Key Biodiversity Areas

## Also coming up

- 14-15 November** **Convention on Biological Diversity Business and Biodiversity Forum**  
*Location: Sharm El-Sheikh, Egypt*  
*More information [here](#)*
- 17-29 November** **Convention on Biological Diversity 14<sup>th</sup> Conference of the Parties**  
*Location: Sharm El-Sheikh, Egypt*  
*More information [here](#)*
- 27-29 November** **Final Business and Biodiversity Offsets Programme conference**  
*Location: Paris, France*  
*More information [here](#)*
- 26-28 November** **UNEP Finance Initiative Global Round Table**  
*Location: Paris, France*  
*More information [here](#)*

