



# Proteus Partners Meeting 2011

## June 15<sup>th</sup> and 16<sup>th</sup>, Stavanger, Norway

### Welcome and introductions

Jon Hutton UNEP-WCMC  
Steinar Eldøy StatOil



# Introductions

- There are a number of new faces today...
- Welcome to Petrobras and Barrick Gold



# Objectives

1. Present the emerging landscape of biodiversity and ecosystem services data and tools
2. Provide an update on current and future data acquisition for the WDPA (and IBAT)
3. Present the new MyPolygon Tool
4. Report back on Proteus finances and achievements
5. Discuss priorities for the future

# Agenda in brief: 15<sup>th</sup> June

<b>09:00</b>	<b>Welcome and introductions</b>	Agreement on meeting outcomes Learn about Statoil Biodiversity programme CBD briefing and update -progress since the last Conference of the Parties (COP)
<b>10:15</b>	<b>Standards and reporting: Current and future status of biodiversity criteria of environmental safeguards</b>	Understanding of the status of the biodiversity criteria adopted by environmental safeguards and an update on the development of ecosystem services indicators for reporting
<b>11:10</b>	<b>Break</b>	
<b>11:30</b>	<b>Emerging data, technology and planning</b>	Raise awareness around the latest information on key biodiversity and ecosystem services initiatives led by conservation organisations
<b>13:00</b>	<b>Lunch</b>	
<b>14:30</b>	<b>Data, assessments and mapping on ecosystem services:</b>	Briefing on the latest initiatives, tools and methodologies to assess and value ecosystems and services
<b>16:00</b>	<b>Tools for Prioritising at different scales</b>	A review of existing tools and their application for global, national and local conservation planning and businesses.
<b>17:15</b>	<b>Day 1 - wrap-up</b>	
<b>17:30</b>	<b>Close</b>	
	<b>Dinner</b>	

# Agenda in brief: 16<sup>th</sup> June

<b>09:00</b>	<b>Workplan and Future:</b>	General update on budget and workplan and report on the process for considering the future of Proteus
<b>9:40</b>	<b>Break</b>	
<b>10:00</b>	<b>Update on Workplan progress:</b>	This session will give the partners an update on our progress towards the workplan at this point in the cycle
<b>11:40</b>	<b>Update on Workplan Progress continued: Interactive - Partners Support</b>	This session will give the partners an update on our progress towards the workplan at this point in the cycle, interactive sessions focussing on support to partners
<b>12:40</b>	<b>Lunch</b>	
<b>14:00</b>	<b>Interactive Session: Getting the most from data and tools</b>	In this session we will answer a question from partners on how to keep data synchronised when working offline. We will also present MyPolygon and seek guidance on future development of this area.
<b>15:00</b>	<b>Break</b>	
<b>15:20</b>	<b>Next Meeting and Wrap-up</b>	Agreement on next meeting, review of action items and close of meeting
<b>16:00</b>	<b>Close</b>	

# Proteus Refresher...

**Jon Hutton**

Proteus Partners Meeting 2011  
June 15<sup>th</sup> and 16<sup>th</sup>, Stavanger, Norway



# UNEP-WCMC is UNEP's Biodiversity Assessment Centre based in the UK

Mandate to provide a range of biodiversity-related services to UNEP, governments, Multilateral Environmental Agreements and their constituent party states, NGOs and the **private sector**.  
[Decision GC.22/1/III]

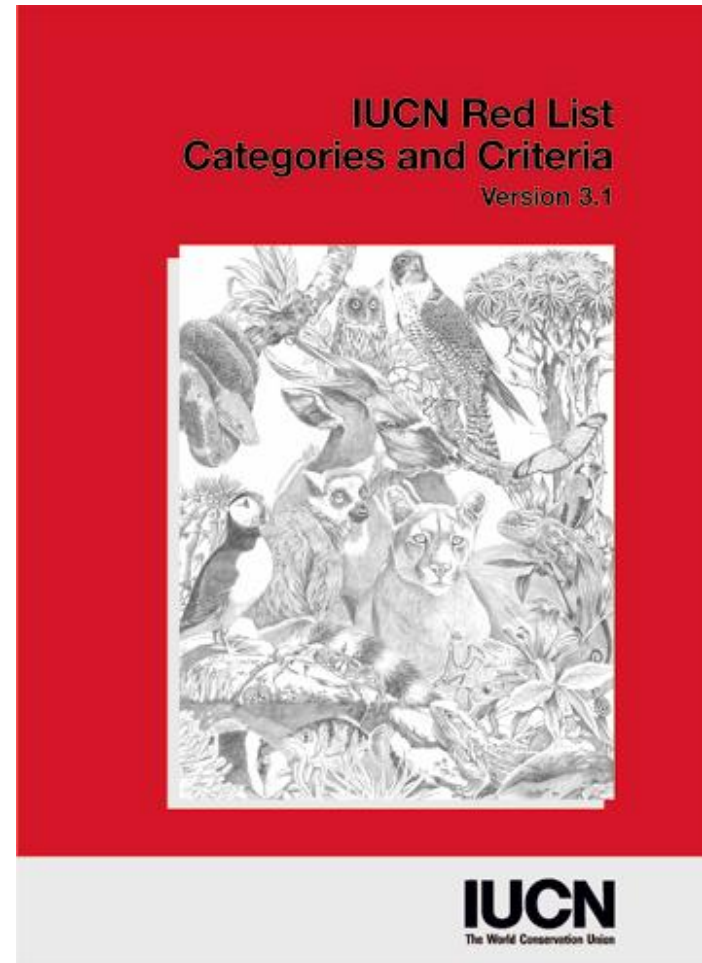


# IUCN Red List

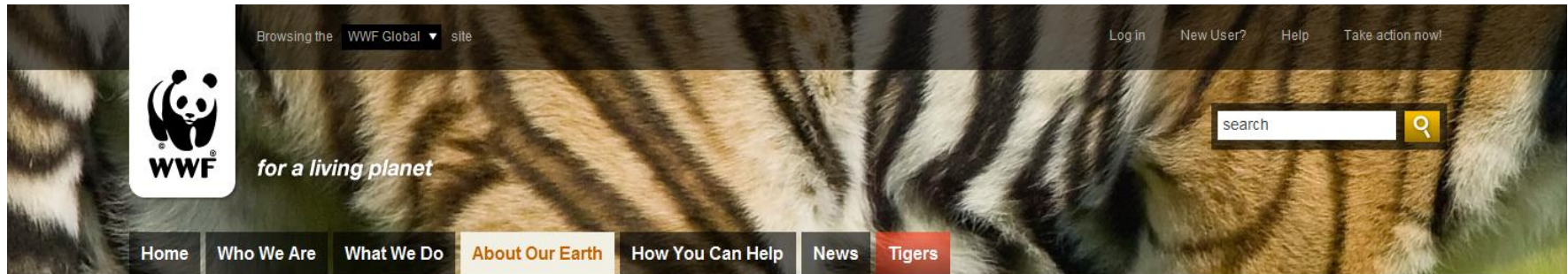
Extinction risk



- Least Concern
- Near Threatened
- Vulnerable
- Endangered
- Critically Endangered
- Extinct in the wild
- Extinct



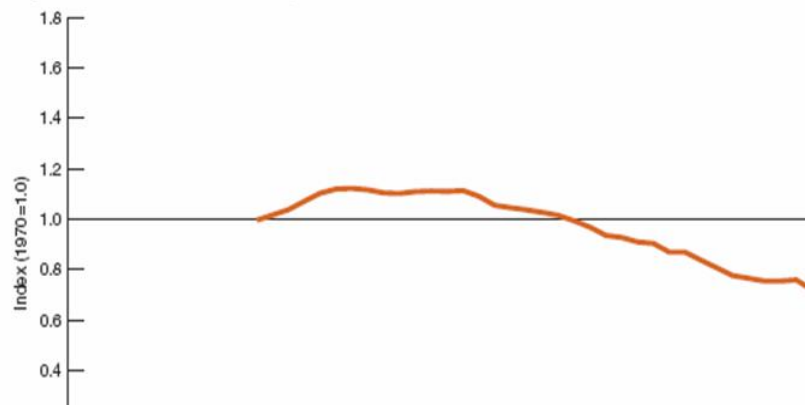
# Living Planet Index



- ▼ Home
- ▼ About Our Earth
- ▼ Publications & Resource Materials
- ▼ Living Planet Report
  - **Living Planet Index**
    - Terrestrial
    - Marine
    - Freshwater
  - 2008 Report
  - Humanity's Footprint
  - Solutions
  - What does it all mean?
  - Reduce Your Debt
  - Previous reports
  - Using report graphics

## Living Planet Index

Fig. 1: LIVING PLANET INDEX, 1970-2005



**Our Vision** A world where decision makers in all sectors and at all levels recognise and take full account of the true value of biodiversity as the bedrock of a global green economy

We are concerned with multiple values of biodiversity, particularly where it is at risk, and the relationship between biodiversity and ecosystem services which deliver human benefits.

**Our Mission** To provide authoritative information about biodiversity and ecosystem services in a manner that is useful to decision-makers who are driving change in environment and development policy

We do this with like-minded partners worldwide by drawing together, analysing and interpreting information on biodiversity, as well as strengthening the ability of others to do so.

1. To populate the new WDPA with the comprehensive, accurate and up-to-date information on legal protected areas that decision-makers need;
2. To bring other key biodiversity datasets to bear on WDPA so that decision-makers have the best available data and tools to identify irreplaceable, but unprotected biodiversity and prospective protected areas.
3. To develop geo-wiki for coastal and inshore marine ecosystems to provide up-to-date information on areas of critical importance to biodiversity and ecosystem function.



## **Consolidating and Building: The Proteus Business Plan 2008-2012**

## Proteus 2012 Members Constitution

### *Status*

'Proteus 2012' is a voluntary private sector partnership with the UNEP World Conservation Monitoring Centre (UNEP-WCMC). It represents a structured forum of like-minded organisations which are collaborating to provide advice, guidance and financial support to UNEP-WCMC for the development and dissemination of biodiversity data and information. The following constitution has been adopted, to be applied in a voluntary manner, for the efficient governance and management of the partnership and its business meetings.

### *Secretariat*

UNEP-WCMC will act as convenor and Secretary for Proteus 2012, its business meetings and day-to-day activities. The Director of UNEP-WCMC will Chair business meetings.

### *Membership*

Any business organisation may apply to UNEP-WCMC for membership of Proteus 2012 in the appropriate category. Applications for Platinum Membership shall be submitted to UNEP-WCMC and circulated promptly to existing Platinum

## Proteus Activities and Budget 2011 (01/01/2011 to 31/12/2011)

Project	Planned Activities/Budget Item	2011 Budget	Co-finance 2011
	<b>Total of All Activities</b>	<b>£727,542</b>	<b>£545,000</b>
<b>OBJECTIVE "0"</b>			
<b>Provide the infrastructure and management necessary for success</b>		<b>£92,000</b>	<b>£95,000</b>
<b>0.1</b>	<b>Provide infrastructure and management</b>	<b>£92,000</b>	<b>£95,000</b>
0.1.1	Proteus partnership management	£76,000	£95,000
0.1.2	Proteus Management and meetings	£16,000	
<b>OBJECTIVE 1:</b>			
<b>Significantly improve the accuracy, completeness and currency of information available in the World Database on Protected</b>		<b>£330,808</b>	<b>£132,000</b>
<b>1.1</b>	<b>Protectedplanet.net data content improvements</b>	<b>£208,700</b>	<b>£10,000</b>
1.1.1	Build capacity within governments to use new protectedplanet.net tools	£60,000	
1.1.2	Support citizens in data support	£14,700	
1.1.3	Support NGOs, Secretariats and regional initiatives on the provision of data	£61,000	
1.1.4	Support Proteus partners with their protected area content needs	£73,000	
1.1.5	Build capacity for priority data collection		£10,000
<b>1.2</b>	<b>Protectedplanet.net functionality improvements</b>	<b>£45,500</b>	<b>£102,000</b>
1.2.1	Mobile application		£50,000
1.2.2	Commercialise protectedplanet.net API		£30,000
1.2.3	Refine Protected Planet functionalities	£37,000	£22,000
1.2.3.1	Improve administration tools	£3,000	£4,500
1.2.3.2	Enhanced API and documentation	£10,000	
1.2.3.3	Improve user experience	£6,000	£10,000
1.2.3.4	Expand analytics (including GBIF/Redlist integration)	£10,000	
1.2.3.5	Build protected areas zones into Protected Planet		£7,500
1.2.3.6	Improve search functionality (relationships between protected areas)	£8,000	
1.2.4	myPolygon	£8,500	£0
1.2.4.1	Finalize design for the tool	£3,000	
1.2.4.2	Tool implementation	£5,500	
<b>1.3</b>	<b>Improve Protected Area Quality Control</b>	<b>£0</b>	<b>£20,000</b>
1.3.1	Refine interface and validation for expert review		£10,000
1.3.2	Design expert review standard for WCPA		£10,000
<b>1.4</b>	<b>Communications, Maintenance and Management</b>	<b>£76,608</b>	<b>£0</b>
1.4.1	WDPA Management	£62,608	
1.4.2	Cloud hosting	£12,000	

The Forum to Explore  
Information on  
Our Ecosystems

## Documents from Meetings

Jump to an item

- [Proteus Members' Meeting: September 2010](#)
- [Proteus Members' Meeting: December 9th 2009](#)
- [Proteus Members' Meeting: June 8th 2009](#)
- [Proteus Members' Meeting, January 20th 2009](#)
- [Proteus Members' Meeting, July 25th 2008](#)
- [Proteus Members' Meeting, December 11th 2007](#)
- [Proteus Members' Extraordinary Meeting, March 30th 2007](#)

### Proteus Members Meeting: September 2010

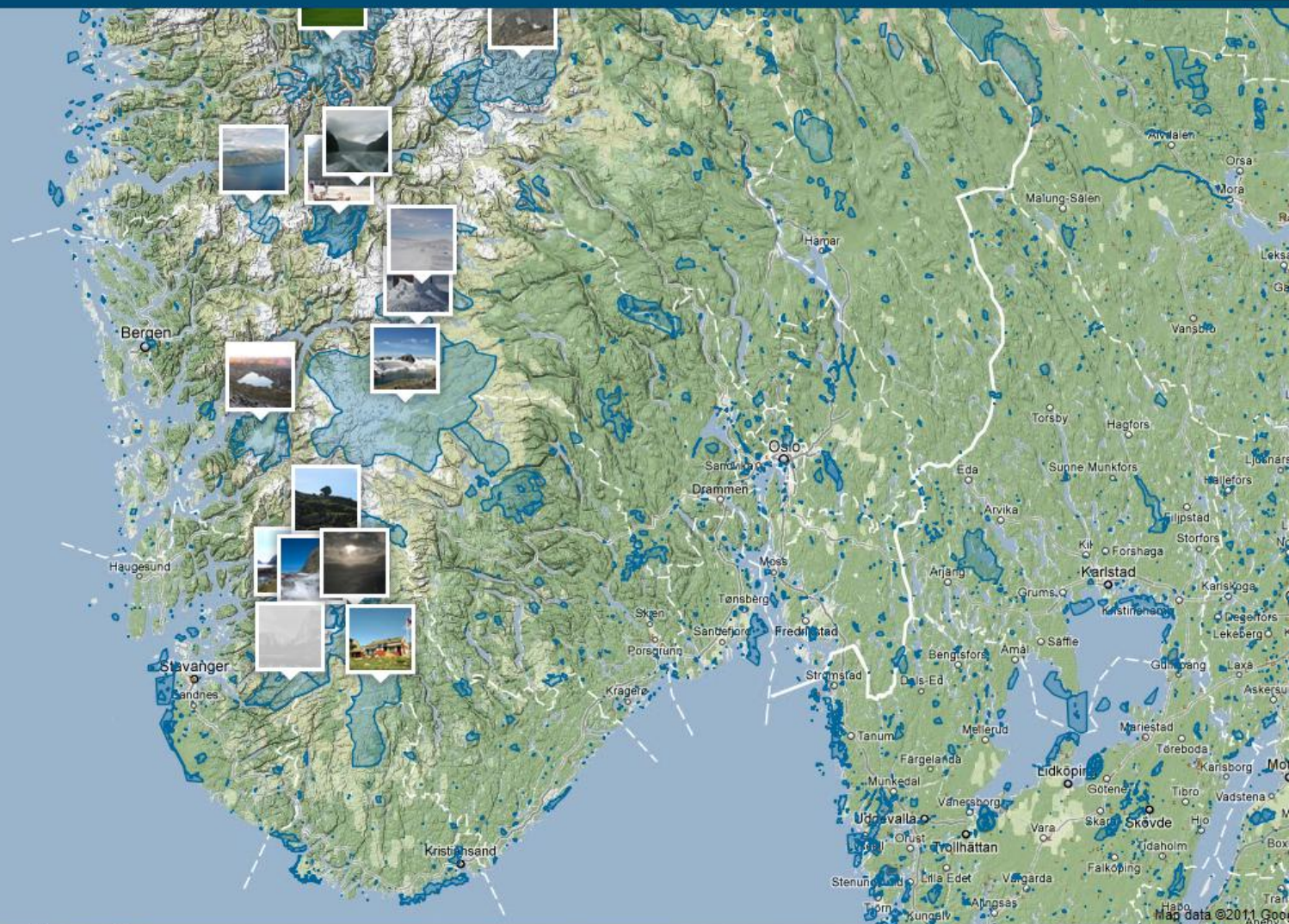
- [Proteus Meeting Minutes](#)
- [Workplan Brainstorm](#)
- [Proteus Budget](#)

#### Quick Links

- [IBAT](#)
- [Protected Planet](#)
- [Species Database](#)
- [WDPA](#)
- [WDPA-Marine](#)

# vision

Some of the things we have done together...



# Hardangervidda National Park

Hardangervidda, [Norway](#)

Information

Discussion

hide markers

TERRAIN

SATELLITE



1 2 3

## Description

Hardangervidda National Park, at 3,422 square kilometers, is Norway's largest national park. It spans from Numedal and Uvdal in the east and Røvelseggi and Ullensvang in the west across the Hardanger mountain plateau (Hardangervidda). Designated as a national park in 1981, today it serves as a popular tourist destination for activities such as hiking, climbing, fishing, and cross-country skiing. The Norwegian Mountain Touring Association (DNT) maintains a comprehensive network of huts and paths across Hardangervidda. The Bergensbanen railway line and the main Highway 7 cross the plateau.

It has the southernmost stock of several arctic animals and plants. Its wild reindeer herds are among the largest in the world.

Several hundred nomadic stone age settlements have been found in the area, most likely related to the

## Official Record

87% COMPLETE

WDPA ID  
4658

NAME  
Hardangervidda

ORIGINAL NAME  
Hardangervidda

COUNTRY / TERRITORY  
NOR

SUB LOCATION  
*Unknown*

IUCN CATEGORY  
[II What is this?](#)

ENGLISH DESIGNATION  
National Park

DESIGNATION TYPE  
National

STATUS  
Designated

STATUS YEAR  
1981



## Welcome

IBAT for business is an innovative tool designed to facilitate access to accurate and up-to-date biodiversity information to support critical business decisions. The tool is the result of a ground-breaking conservation partnership among BirdLife International, Conservation International, International Union for Conservation of Nature and United Nations Environment Programme World Conservation Monitoring Centre.

To learn more about how your company can become involved with IBAT, please follow the *Subscription options* link below. To purchase a subscription, please follow the *Subscribe* link to the right.



User name

Password

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[IBAT & Your Business](#) ➔



[Data Behind IBAT](#) ➔



[Partners Behind IBAT](#) ➔



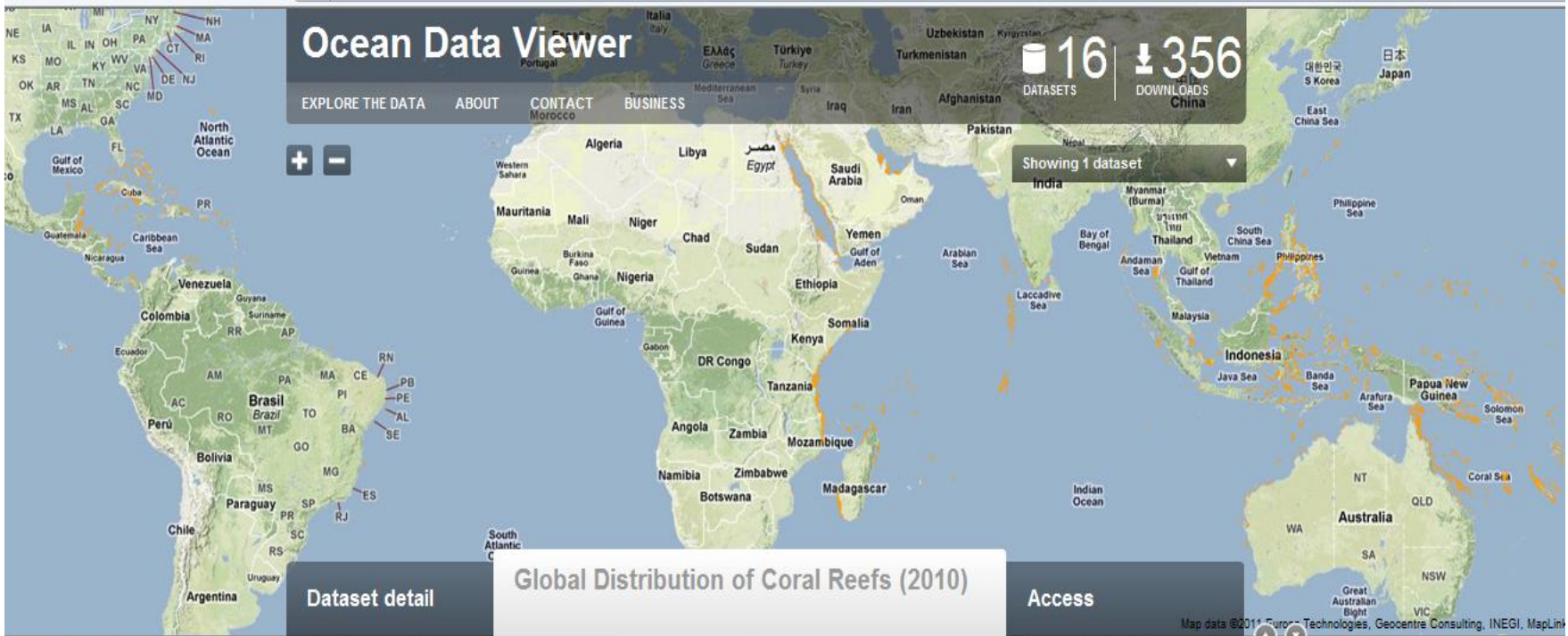
[Subscription options](#) ➔



# Ocean Data Viewer

EXPLORE THE DATA ABOUT CONTACT BUSINESS

16 DATASETS 356 DOWNLOADS China



## Dataset detail

### Global Distribution of Coral Reefs (2010)

## Access

Description

The dataset represents the global distribution of warm water coral reefs. It has been created from multiple sources and supersedes the dataset used in the World Atlas of Coral Reefs (2001), although some aspects of this product still originate from that datasource.

This global coral reef dataset should be seen an 'interim' global product. It has been compiled from a number of data sources which have been merged together by UNEP-WCMC.

Download

ArcGIS

LAST UPDATE 09/05/11

Metadata

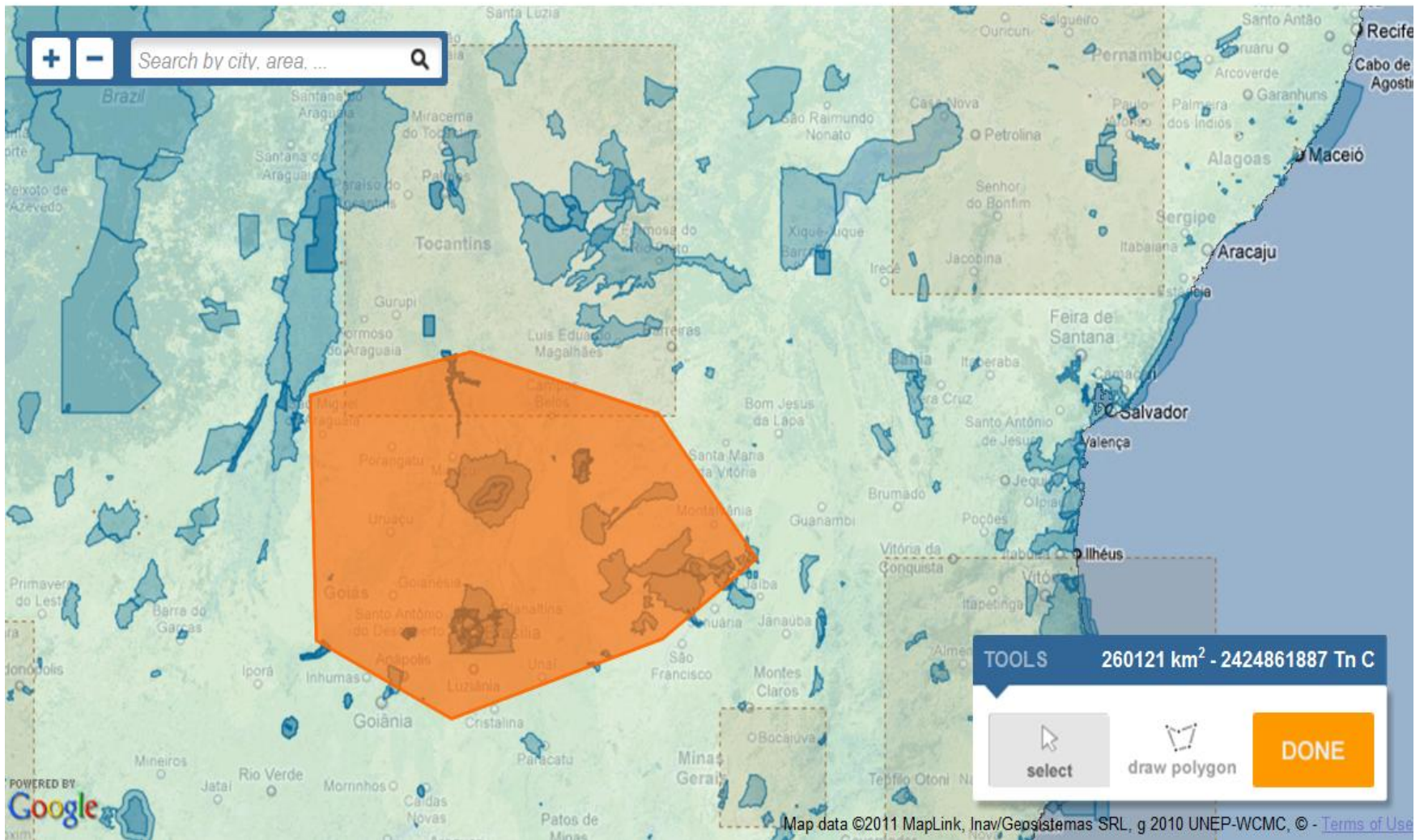
The Approximate % coverage of data sources are as follows

- Millennium Coral Reefs (Unvalidated) 50%
- Millennium Coral Reefs (Validated) 30%
- Other sources 20%





# Carbon Calculator





# a-z areas of biodiversity importance

HOME

ABOUT

HISTORY OF AREAS

AREA CATEGORIES

BUSINESS RELEVANCE



## all areas of importance LISTED BY NAME

A-C | D-F | G-L | M-Q | R-Z

### A

- Alliance for Zero Extinction (AZE) Sites
- ASEAN Heritage Parks

### B

- Biodiversity Hotspots
- Buffer Zones

### C

- Centres of Plant Diversity (CPD)
- Crisis Ecoregions

### E

- Emerald Network Sites
- Endemic Bird Areas (EBA)

### G

- Global 200 Ecoregions

### H

- Habitat / Species Management Area
- High-Biodiversity Wilderness Areas (HBWA)
- High Conservation Value Areas (HCVA)

Use the A to Z to find out about different areas of biodiversity importance.

These include internationally recognised protected areas such as **World Heritage Sites** and **Ramsar Sites**, as well as the many approaches used to prioritise areas for conservation effort and protection including **Biodiversity hotspots** and **Key Biodiversity Areas**.

While the many and varied terms used to capture these important biodiversity areas are there to fulfil many purposes, this has created a confusing conservation landscape to navigate. The A to Z is designed to provide clear, concise and relevant information about each type of area, which can be used by all sectors including business, government and environmental agencies.

**protected areas**  
SUPPORTED BY NATIONAL OR SUB-NATIONAL INSTITUTIONS

internationally recognised

nationally designated

**global prioritisation areas**  
DEVELOPED BY ACADEMIC AND CONSERVATION GROUPS

regional scale

site scale

## FEATURED TOOLS

### THE INTEGRATED BIODIVERSITY ASSESSMENT TOOL (IBAT)

[IBAT for business](#) is an initiative developed through a partnership between BirdLife International, Conservation International, IUCN and UNEP-WCMC, which provides

### NEW PROTECTED PLANET WEBSITE LAUNCHED

[Protected Planet](#) is a new initiative by IUCN and UNEP-WCMC to boost global public interest by showcasing 150,000 of the World's Protected Areas in a wiki-style interactive web



by Valerie Abbot

These developments support our  
broader work with governments etc

What can GLOBIO be used for?	What is GLOBIO?	Assessments with GLOBIO	How can I use GLOBIO?
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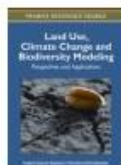
## Highlights

more 



### How can off-target countries reach the MDG's?

10 May 2011 - This year's *Global Monitoring Report of the World Bank* examines the question what factors are essential for improving the odds that off-target countries can reach the Millennium Development Goals. The report includes a GLOBIO analysis of the relationship between biodiversity and human development.



### Book: Land use, climate change and biodiversity modeling: perspectives and applications

20 April 2011 - This month a new book is launched on modelling the impact of human use of the terrestrial land. The book includes applications of the GLOBIO model across the world, developed by national modellers.



### New research on future of oceans

On 8 December 2010 GLOBIO network partner the UBC Fisheries Centre and the Nippon Foundation launched the \$13-million research program *Nereus - Predicting the Future Ocean*. Nereus will result in ocean wide projections of biodiversity, complementary to the terrestrial GLOBIO results.



Welcome to the website of GLOBIO, the Global Biodiversity model for policy support

GLOBIO is a tool to assess past, present and future impacts of human activities on biodiversity. Since 2002 the model has been extensively used for environmental assessments on the global to national scale.

### Contact

We invite you to fully explore GLOBIO. Your questions, comments and ideas are most welcome. Click [here](#) to contact us.

## Assessments

more 

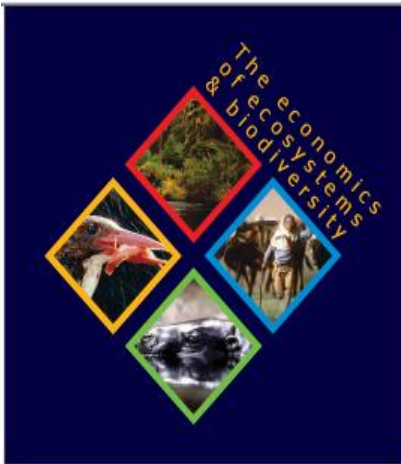
Featured publications with GLOBIO contribution



PBL Netherlands Environmental Assessment Agency



# Home to Pavan Sukhdev & TEEB



## The Economics of Ecosystems and Biodiversity (TEEB)

The Economics of Ecosystems and Biodiversity (TEEB) study is a major international initiative to draw attention to the global economic benefits of biodiversity, to highlight the growing costs of biodiversity loss and ecosystem degradation, and to draw together expertise from the fields of science, economics and policy to enable practical actions moving forward.

- Home
- About TEEB
- Information Material
- Ecological and Economic Foundation
- For Policymakers
- For Administrators
- For Business
- For Citizens

### News



Current climate targets are not enough to save the world's coral reefs - and policymakers urgently need to consider the economic benefits they bring. [More>>](#)



Biodiversity is not just  
a luxury for the rich :  
It is a necessity for the poor.



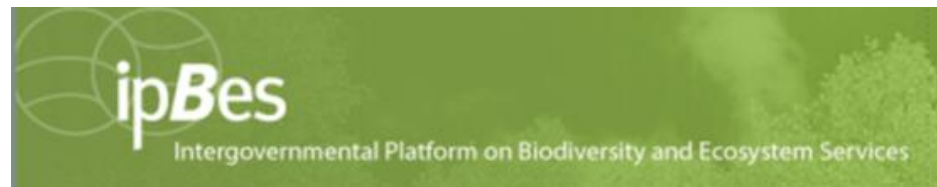
### Presentation Tools



# IPBES:

## Intergovernmental Platform on Biodiversity and Ecosystem Services

- To build on the Millennium Ecosystem Assessment (MA)
  - The need for independent scientific expertise
  - The need for more capacity
  - The need for improved communication
- UNEP-WCMC is restructuring and strengthening its science to be 'IPBES-ready'...



# CBD 2010 Target & MDGs



UN Millennium  
Development Goals

Keep the promise  
Millennium Development Goals



*Indicators for Target 7.B: Reduce biodiversity loss, achieving, by 2010, a significant reduction in the rate of loss*

# Steering Committee of GEO-BON



## Highlights

### GEO BON launches Implementation Plan

The Group on Earth Observations Biodiversity Observation Network (GEO BON) has released its detailed, 175-page Implementation Plan for a coordinated global campaign to gather and share information on biodiversity, provide tools for data integration and analysis, and contribute to improved environmental management and human well-being. For more information, see the [Technical Summary](#), [Detailed Implementation Plan](#), and [press release](#).

### GEO BON reaches out to Convention on Biological Diversity

GEO BON has submitted an information document to the Convention on Biological Diversity's Subsidiary Body on Scientific, Technological and Technical Advice (SBSTTA-14), which is meeting in Nairobi from 10-21 May. The document provides a summary of GEO BON's implementation plans. The document is posted [here](#) as well as on the [SBSTTA web site](#).

The GEO Biodiversity Observation Network is organizing a side event on Thursday, 13 May, at 13h15, at the [SBSTTA-14](#) of the Convention on Biological Diversity (CBD), at UNEP headquarters in Nairobi. The event will inform the CBD community about the work and relevance of GEO BON.

## GEO BON

### Biodiversity Observation Network

The Group on Earth Observations Biodiversity Observation Network - GEO BON - is the biodiversity arm of the Global Earth Observation System of System of Systems (GEOSS).

Some 100 governmental and non-governmental organizations are collaborating through GEO BON to make their biodiversity data, information and forecasts more readily accessible to policymakers, managers, experts and other users.

GEO BON has been recognized by the Parties to the Convention on Biological Diversity as well as by the member governments of the Group on Earth Observations.

The Biodiversity Observation Network is both a Community of Practice and a Task in the GEO Work Plan. It is a voluntary, best-efforts partnership that is guided by a steering committee. The Network draws on GEO's work on data-sharing principles and on technical standards for making data interoperable.

To assist both providers and users of biodiversity information to engage with GEO BON, this web site contains links to information resources and projects as well as to GEO BON documents, meetings and other resources.



Killer Whale (*Orcinus orca*)

### Image of the month

Current world population: up to 100,000, the majority (70,000) in Antarctica. Orcas are among the most contaminated marine mammals in the world. Pollution and chemical contamination make orcas more susceptible to disease and likely cause reproductive difficulties. Additional threats may also include noise from human activities, entanglement in fishing gear, and whale-watching. [photo: Sebastien Miazza]

# UN-REDD PROGRAMME

The United Nations Collaborative Programme  
on Reducing Emissions from Deforestation  
and Forest Degradation in Developing Countries



Web Site

GO »

## Home

About REDD

UN-REDD Programme

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## News



### Inception Workshop in Indonesia

Thu, 01 April 2010

The Inception Workshop of UN-REDD in Indonesia was successfully held 30 and 31 March 2010 in Jakarta, marking the start of the implementation phase of the

programme in Indonesia. The workshop was officially opened by the Minister of Forestry in Indonesia, Mr. Zulkifli Hasan. [Read full article...](#)



### US\$14.7 million approved for three countries at the UN-REDD Programme's 4th Policy Board Meeting in Nairobi

Thu, 22 March 2010- During its fourth meeting in Nairobi, Kenya 18-19 March 2010, the UN-REDD Programme Policy Board approved US\$14.7 million in funding for

national UN-REDD programmes in Bolivia, the Democratic Republic of Congo (DRC) and Zambia, bringing the total amount of funding for UN-REDD national programmes to-date to US\$48.3 million. [Read full article...](#)

## News Alerts

### ASEAN Leaders' Statement on Joint Response to Climate Change Reaffirms REDD "Critical"

Mon, 12 April 2010

### New Climate Talks Set for 2010; No Treaty Seen Yet

Mon, 12 April 2010

### Indonesia : Activists : Illegal Logging 'Must End' Before REDD Takes Effect

Mon, 12 April 2010

[read more](#)

## Latest Documents

[JPDs and R-PPs Reviews](#) (as submitted to the Policy Board) April 2010

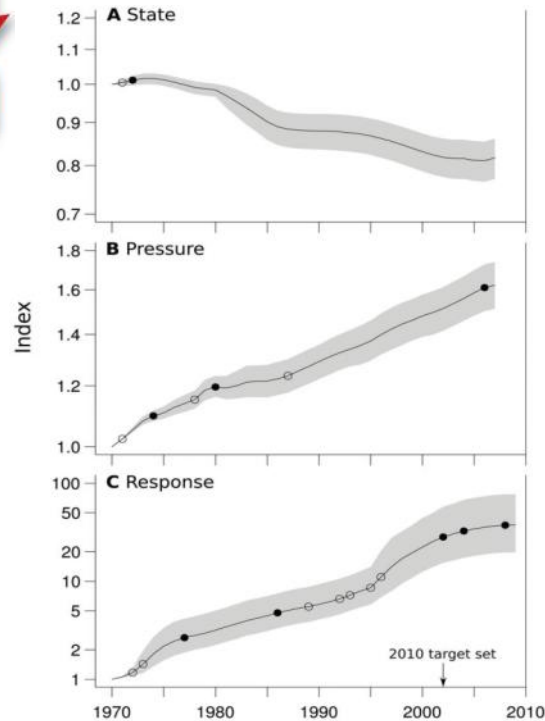
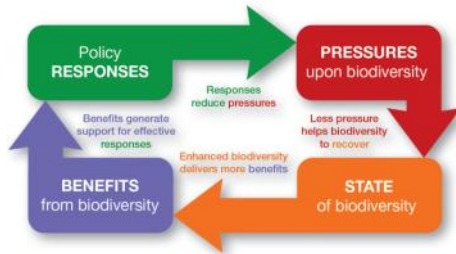
[UN-REDD Programme Year in Review report for 2009](#)



Follow us on

# Global and national initiatives

UNEP-WCMC led the review of the evidence in 2010



## Global Biodiversity: Indicators of Recent Declines

Stuart H. M. Butchart,<sup>1,2,\*</sup> Matt Walpole,<sup>3</sup> Ben Collen,<sup>3</sup> Arco van Strien,<sup>4</sup> Jörn P. W. Scharlemann,<sup>5</sup> Rosamunde E. A. Almond,<sup>5</sup> Jonathan E. M. Baillie,<sup>6</sup> Bastian Bomhard,<sup>7</sup> Claire Brown,<sup>8</sup> John Bruno,<sup>9</sup> Kent E. Carpenter,<sup>9</sup> Genevieve M. Carr,<sup>7</sup> Janice Chanson,<sup>8</sup> Anna M. Cheney,<sup>3</sup> Jorge Ciriaco,<sup>10</sup> Nick C. Davidson,<sup>10</sup> Frank Dentener,<sup>11</sup> Matt Foster,<sup>12</sup> Alessandro Galli,<sup>12</sup> James N. Galloway,<sup>14</sup> Piero Genovesi,<sup>15</sup> Richard D. Gregory,<sup>16</sup> Marc Hockings,<sup>17</sup> Valerie Kapos,<sup>1,18</sup> Jean-Francois Lamarque,<sup>19</sup> Fiona Leverington,<sup>20</sup> Jonathan Loh,<sup>21</sup> Melodie A. McGeoch,<sup>22</sup> Louise McRae,<sup>23</sup> Anahit Minasyan,<sup>24</sup> Monica Hernandez Morcillo,<sup>5</sup> Thomasina E. E. Oldfield,<sup>25</sup> Daniel Pauly,<sup>24</sup> Suhel Quader,<sup>25</sup> Carmen Revenga,<sup>26</sup> John R. Sauer,<sup>27</sup> Benjamin Skolnik,<sup>28</sup> Dian Spear,<sup>29</sup> Damon Stanwell-Smith,<sup>3</sup> Simon N. Stuart,<sup>1,12,30,31</sup> Andy Symes,<sup>7</sup> Megan Tierney,<sup>3</sup> Tristan D. Tyrrell,<sup>4</sup> Jean-Christophe Vie,<sup>32</sup> Reg Watson<sup>34</sup>

28 MAY 2010 VOL 328 SCIENCE www.sciencemag.org



Butchart *et al.*, *Science* 328, 1164-8, 28<sup>th</sup> May 2010



Shared Document Area  
Wednesday, April 14, 2010

# UK National Ecosystem Assessment

- Home
- About
- Ecosystem Assessment Concepts
- News
- Meetings and Events
- Getting Involved
- Resources



## Resources

- Resources
- [UK NEA Documents](#)
  - [UK NEA Communications](#)
  - [Background Documents](#)
  - [Related Initiatives](#)
  - [Useful Links](#)

### UK NEA Communications

## Postcard



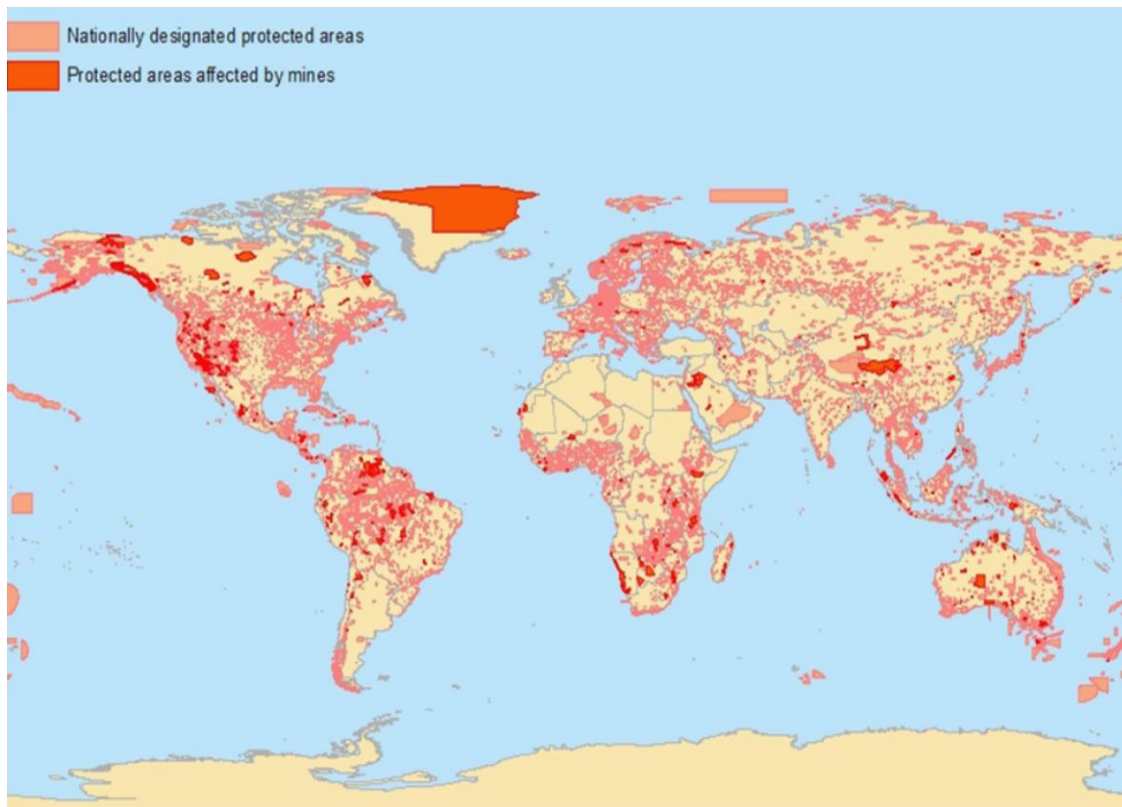
Click [here](#) to download front of postcard. Click [here](#) to download back of postcard.

### Publications


► February 2010

**UK NEA's Progress and Steps Towards Delivery (12MB)**

# Global Analysis of Biodiversity and Extractive Industries



- 3.61% of all national PAs contain active or developing mines
- 0.67% of strictly protected areas in Africa contain active mines
- 2.13% of Category I-IV PAs in Africa are threatened with minerals development
- 1.48% of Cat. I-IV PAs in Latin America are similarly threatened



Broadening Business  
Horizons on Biodiversity

[www.proteuspartners.org](http://www.proteuspartners.org)  
[www.unep-wcmc.org](http://www.unep-wcmc.org)