

# WORLD DATABASE ON PROTECTED AREAS 2009

Amy Milam - WDPA Content officer

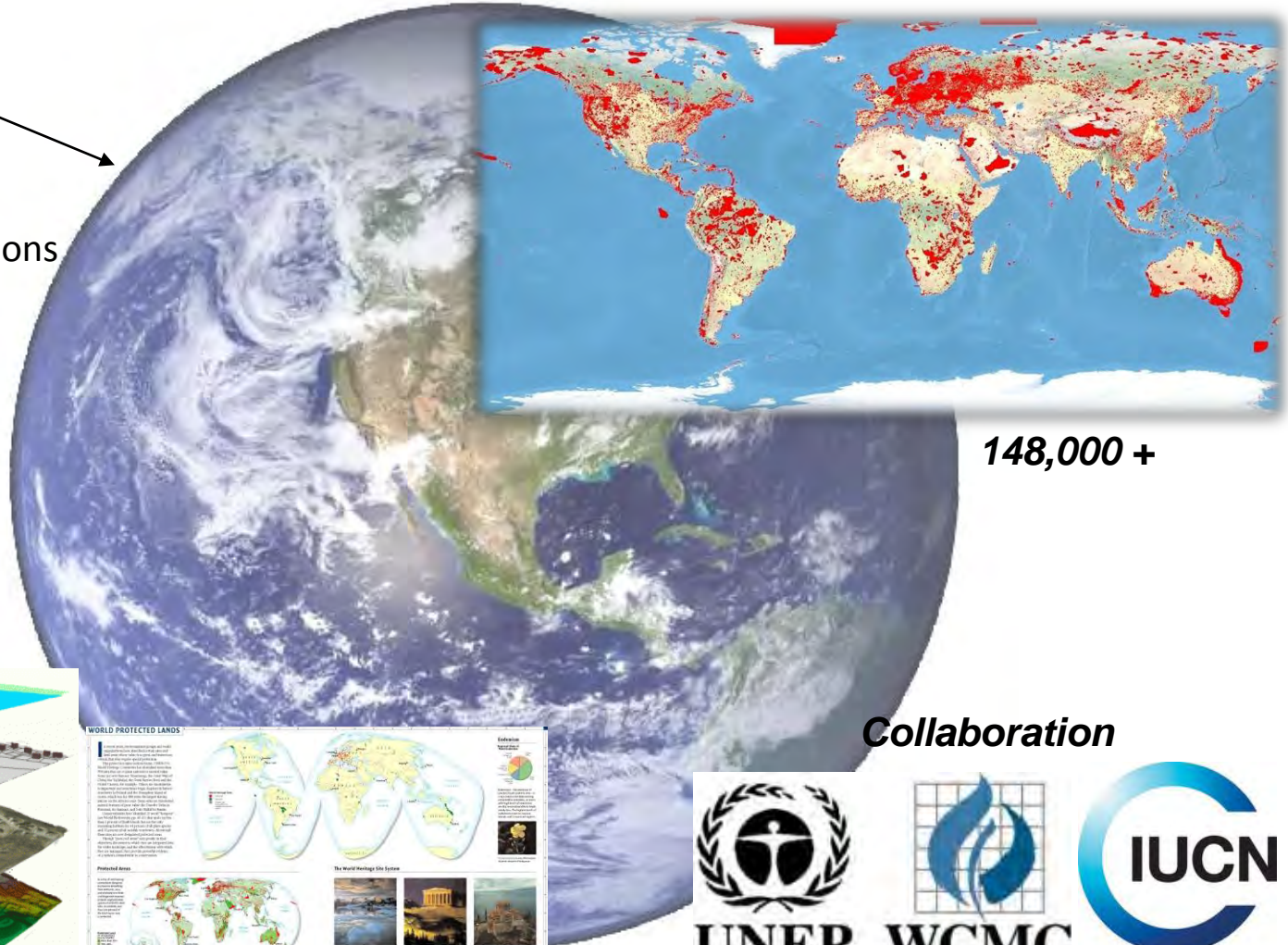


# World Database on Protected Areas

*Only global inventory of protected areas*

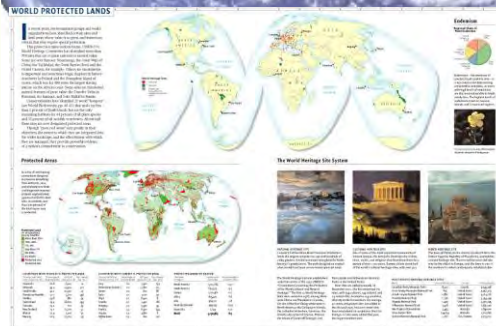
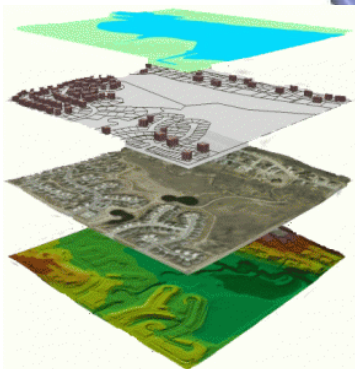
## Data Providers:

- NGOs
- Governments
- International Conventions
- Regional Partners



148,000 +

*Base layer for various overlay analyses*



*Collaboration*



UNEP



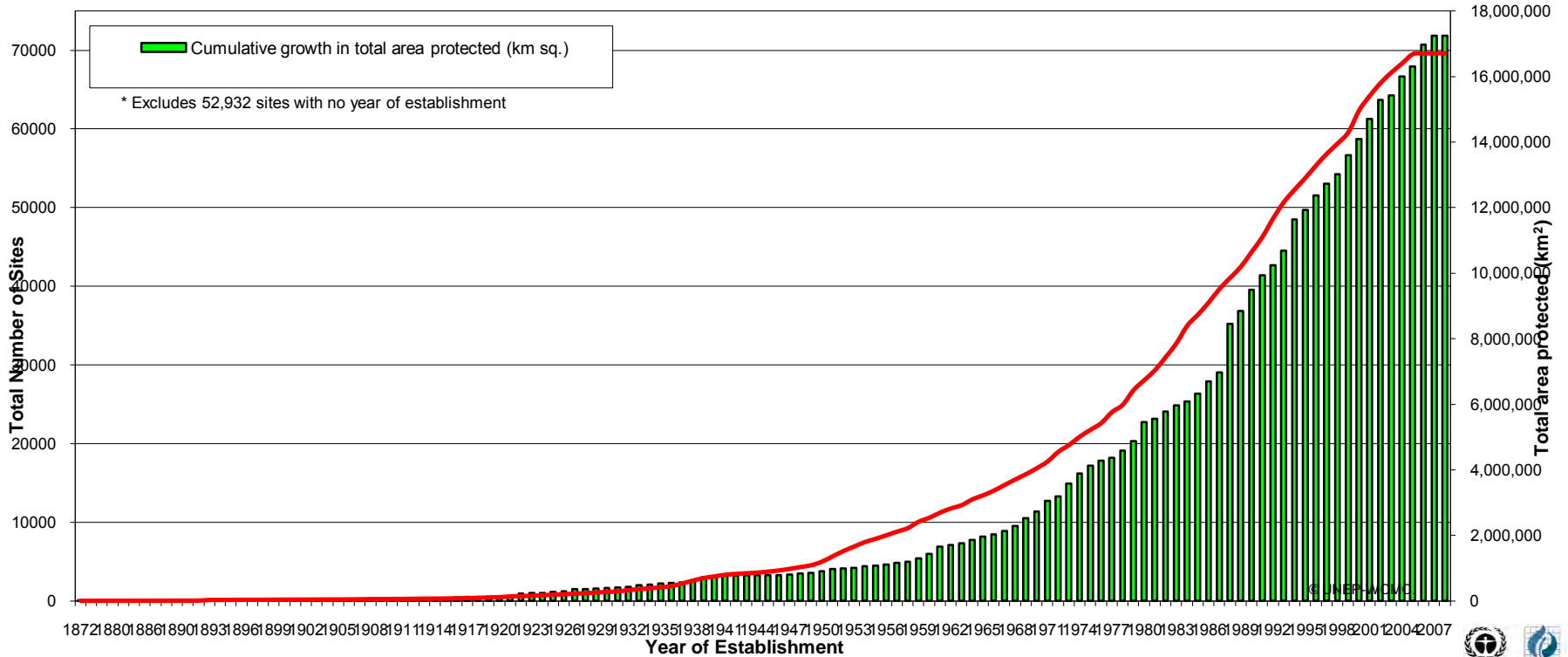
WCMC



IUCN

# World Database on Protected Areas

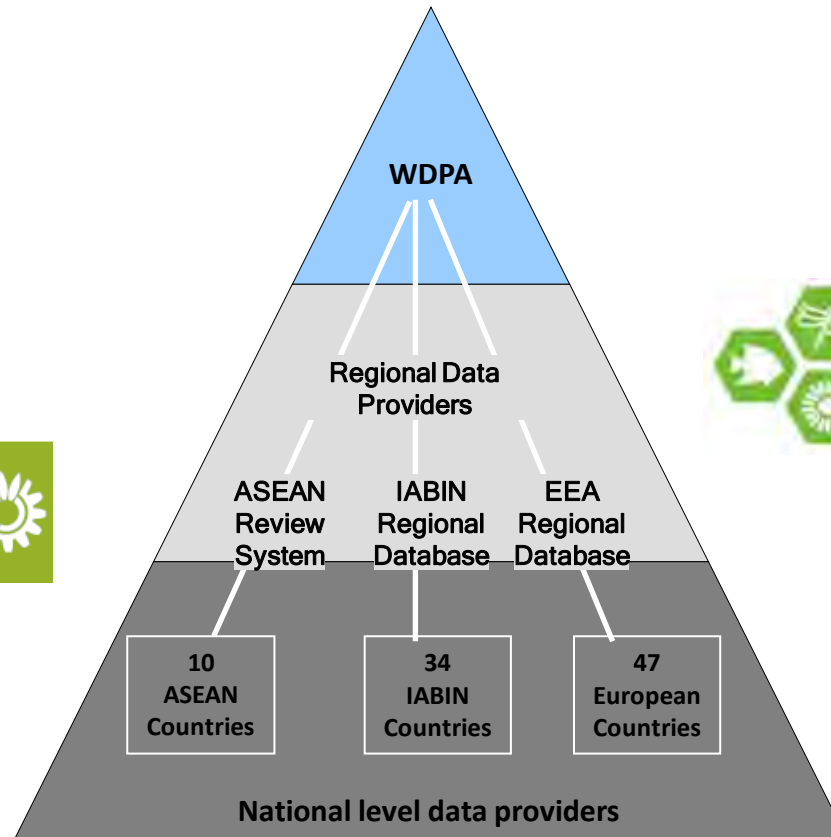
Growth in Nationally Designated Protected Areas (1872 - 2008)\*



Source: World Database on Protected Areas (WDPA), a joint project between UNEP and IUCN, managed and hosted by UNEP-World Conservation Monitoring Centre (UNEP-WCMC), 31st January 2009. Please



# Building WDPA Data Partnerships through Regional Initiatives



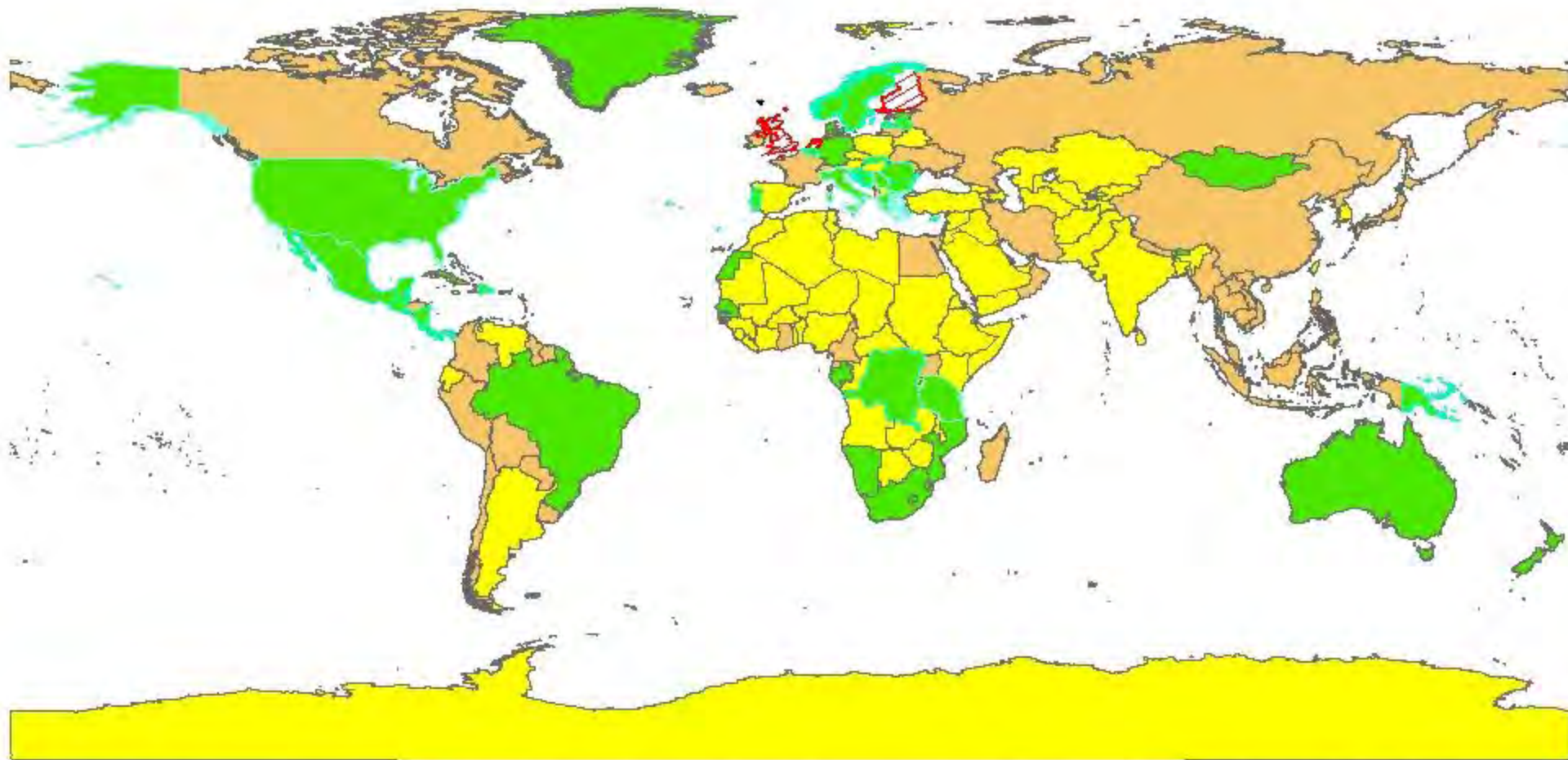
**Collate data through regular updates**

**Build Interoperability between Protected Areas Databases**


**Build Capacity**

**Provide open access to WDPA validation tools**


# Quality Assessment




**Quality Assessment**  Medium Quality


**Quality Assessment**  Low Quality

 High Quality

 No protected areas in WDPA

**Dataset Status at UNEP-WCMC**

 Dataset restricted

 Updated 2009

# WDPA Completeness

- The WDPA hosts protected area information for **every country in the world**

Boundary data

Core Attribute Fields

Currency

**68 % of sites  
have a boundary**

**94% of Core Attributes Completed**

Site Name (69%)

Country (100%)

Designation (>99%)

Status (>99%)

Designation (>95%)

IUCN Category (72%)

Documented Total Area (100%)

Documented Marine Area (90%)

**83% of sites  
are current to  
within 5 years  
86.5% to  
within 10  
years**

# More on Completeness

- 98% 145, 378 National Sites
  - 68% Polygons
- Means only 2% of the Database is representing International Designations

# International Conventions

- World Heritage Sites: 890 listed as of 12/2009
  - WDPA: 21% boundaries (190 boundaries & 22 point)
- UNESCO MAB Sites: 533 listed as of 11/2009
  - WDPA: 26% boundaries (140 boundaries & 390 point locations)
- Wetlands International Ramsar Sites: 1,869 as of 12/2009
  - WDPA: 40% boundaries (728 boundaries & 976 points)
- Barcelona Convention Sites:
  - WDPA: (6 polygons & 15 points)
- ASEAN Heritage: 35 Sites as of 11/2009
  - WDPA: 77% boundaries (27 polygons & 0 points)

# So what are we doing about it?

- ✓ New Content Officer responsible for coordination of NGOs, International Conventions and Proteus Partnership
- ✓ Second Content Officer responsible for coordination of UN List & national partners
- ✓ **Memorandums of Understanding for Data Exchange**
  - ✓ Ramsar Secretariat
    - 2010: MOU for WHS in 2010
    - Then more regional initiatives:
      - MOU with the CARTS underway

# WDPA Enhancement highlights

- Launched wdpa-marine.org
- Monthly delivery- 20 times quicker
- Launched IABIN website
- Improved the mapping and search on the wdpa.org
- Developed commenting and wiki for (launch next year)

# wdpa.org

wdpa.org/

**World Database On Protected Areas**  
*incorporating the UN List of Protected Areas*

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**2009 WDPA RELEASED**

Quick Protected Area Search:

**Welcome**

The World Database on Protected Areas is a foundation dataset for conservation decision making. It contains crucial information from national governments, non-governmental organizations, academic institutions, international biodiversity convention secretariats and many others. It is used for ecological gap analysis, environmental impact analysis and is increasingly used for private sector decision-making. For more information [click here](#).


**Tools**

- [Rapid Assessment Of Land Use Change In and Around Protected Areas \(RALUCIAPA\)](#)
- [The Fire Information for Resource Management System \(FIRMS\)](#)
- [Protected Areas Management Effectiveness Information Module](#)
- [Integrated Biodiversity Assessment Tool \(IBAT\)](#)
- [World Database on Marine Protected Areas](#)

GBIF biodiversity data inside protected areas: [Galapaqos Example](#)  
Available for all sites in the WDPA

**Maps**

Explore and visualize protected areas through our map viewers.



**What's New**

Looking for a global dataset of all terrestrial and marine protected areas? [The WDPA Annual Release 2009](#), including a global marine protected areas layer, is now available to download.

**Search**

# wdpa-marine.org

The screenshot displays the wdpa-marine.org website in a browser window. The address bar shows the URL: <http://www.wdpa-marine.org/Default.aspx#/countries/>. The website features a dark blue header with the WDPa MARINE logo and a navigation menu with links for EXPLORE, SEARCH, UPLOAD, DOWNLOAD, LOGIN, and CONTACT.

The main content area is dominated by a world map. Above the map, there are controls for zooming and switching between terrain, satellite, and map views. A search bar and buttons for filter, about, help, and fullscreen are also present. Below the map, a 'WORLD STATS' box highlights that there are **>5000** total marine protected areas, with 90% national and 10% international. A 'NAVIGATE' section allows users to view 'Countries' or 'Areas', and a '0.7%' statistic is shown with a small map. A 'feedback' button is located in the top right corner of the map area.

Below the map, the website is organized into several sections:

- WHAT'S NEW**:
  - NEW WDPa-MARINE WEBSITE LAUNCHED**: Announcement of the new website, mentioning the International Marine Conservation Congress (19-24th May 2009) and World Oceans Day (8th of June). It includes a link to view the press release in English, French, or Spanish.
  - FREQUENTLY ASKED QUESTIONS**: A section for finding answers to protected areas questions.
  - WATCH THIS SPACE**: A section for new developments such as an expanded tools library and new data.
- TOOLS**: A section for **MARINE PROTECTED AREA PLANNING RESOURCES**, including relevant publications, toolkits, applied planning tools, and web resources. A 'VIEW NOW' button is provided.
- THE LARGEST AREA**: A section featuring a photograph of a tropical island and identifying the **PHOENIX ISLANDS PROTECTED AREA, KIRIBATI** as 41 050 000 ha.
- THE SMALLEST AREA**: A section featuring a photograph of a coastal park and identifying **ECHO BAY PROVINCIAL PARK, CANADA** as 0.4 ha.

The bottom of the browser window shows the Windows taskbar with various application icons and the system tray displaying the language as EN and the time as 09:34.

# iabin.org

The screenshot shows the iabin.org website interface. At the top, there is a browser window with the URL <http://iabinpatn.org/default.aspx#/countries/>. The website header includes the iabin logo (Inter-American Biodiversity Information Network) and a navigation menu: Home / About PATN / Search / Thematic networks / Tools and services / Blog. A "Login or Register now" link is also present.

The main content area features a map of the Americas with a "Select a country to explore it" prompt. To the right of the map is a "IABIN STATS" box showing "TOTAL PROTECTED AREAS >25000" and a "NAVIGATE" section with "Countries" and "Areas" tabs. Below the map, there are three columns of content: "Latest News" with four items, "Upcoming Events" with two items, and "About IABIN" with a description and a "Learn more about IABIN" link.

At the bottom, there is a "Tools and services" section with four icons: "About IABIN", "Documents and Files", "Site Search", and "Related Links". Below this are four small boxes with links: "Discover our Protected Areas", "Learn more about IABIN", "Meet the other thematic networks", and "Do you need something?".

Footer information includes "Map data ©2009 Europa Technologies - Terms of Use" and a system tray at the bottom right showing "EN" and "09:36".

# WDPA usage

50,000 users last year

7,000 people registered

10,000 downloads



**A world where biodiversity counts**

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