

# Proteus Workplan 2010

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**OBJECTIVE 1: Significantly improve the accuracy, completeness and currency of information available in the World Database on Protected Areas (WDPA)**

## **Result 1.1 Improve Protected Areas Content**

- 1.1.1 Create guidelines documents for data submission to the UN list
- 1.1.2 Coordinate with national agencies to include data in the UN list
- 1.1.3 Build African regional capacity for protected areas data collection
- 1.1.4 Liaise with key NGOs to increase participation with protected area data collection
- 1.1.5 Support Proteus partners with their protected area content needs
- 1.1.6 Work with international secretariats to incorporate updated protected areas data

## **Result 1.2 Improve dissemination and functionality**

- 1.2.1 Create and launch 'ProtectPlanetEarth.org'
- 1.2.2 Develop Proteus partner focused portal
- 1.2.3 Create facility for UN list data submissions
- 1.2.4 Increase functionality to upload and update protected areas data
- 1.2.5 Link deeply into other web initiatives including wikipedia, flickr and Google
- 1.2.6 Make national level reporting available through 'ProtectPlanetEarth.org'
- 1.2.7 Create external interface to WDPA where other portals can interact with the data
- 1.2.8 Develop transparent protected area data quality indicators available online
- 1.2.9 Develop citizen science interface to 'ProtectPlanetEarth.org' for public science initiatives

## **Result 1.3 Improve Protected Area Quality Control**

- 1.3.1 Develop interface for expert review
- 1.3.2 Refine expert review process with current ASEAN and IABIN regional initiatives
- 1.3.3 Expand the review process to other regional partners with a focus on Africa
- 1.3.4 Continue internal data validation and quality control
- 1.3.5 Develop local stakeholder protected area participation area on Protect Planet Earth (PPE)

## **Result 1.4 Capacity Building and Communications**

- 1.4.1 Develop 2010-11 communication strategy
- 1.4.2 Implement communication strategy
- 1.4.3 Create launch materials for 2010 launch of PPE

1.4.4 Identify and target key internet nodes on blogs and twitter to market PPE

## **OBJECTIVE 2: Provide integrated access to information on sites important for threatened and endangered species**

### **Result 2.1 Understand opportunities and needs**

2.1.1 Review needs with private sector users, addressing types of information required, regional and other priorities, information formats and interfaces

2.1.2 Review needs with potential users at the national level, with a view to increasing access to data and tools that may support national conservation planning

2.1.3 Periodic review to check the extent to which identified needs of stakeholders are being met by the tools developed

### **Result 2.2 Integrate the WDPa with information on Key Biodiversity Areas (IBAT)**

2.2.1 Organize, prepare for and participate in meetings and workshops with key partners

2.2.2 Develop partnership agreement on an equitable and sustainable governance model for collaborative delivery of information services and equitable distribution of resources

2.2.3 Provide individual partner organizations with the support necessary for effective engagement (IBAT subscription)

2.2.4 Prepare analyses based on overlays of information for use in promotional materials, presentations to potential users and scientific publications

2.2.5 IBAT Communication

### **Result 2.3 Integrate the WDPa with others datasets of interest to private sector and other stakeholders to support identification of areas of importance for biodiversity and demonstrate compliance**

2.3.1 As requested in the user survey, incorporate other datasets and guidance of interest (e.g. country boundaries, topography, buffer zone guidance)

### **Result 2.4 Integrate the WDPa with information on IUCN Red List Species**

2.4.1 Work with IUCN and their Red List partners to reach agreement on the best means of combining and delivering the data now and in the future, and manage the process

2.4.2 Design tools for integrating, managing and delivering the Red List data in combination with WDPa and other agreed datasets

2.4.3 Develop and test these tools, incorporating data and combining them with other necessary data (e.g. country boundaries, topography)

2.4.4 Review the resulting information service with users and following the review promote its use more widely with stakeholders and users

2.4.5 Rebuild UNEP-WCMC species database to be interoperable with RedList

2.4.6 E-library document management and catalogue

## **Result 2.5 Develop partnerships to facilitate increased access to biodiversity data**

2.5.1 Work with the GBIF Secretariat to identify ways that GBIF and UNEP-WCMC can collaborate in increasing access to and use of biodiversity data

2.5.2 Review the experience of regional programmes increasing access to biodiversity data (e.g. IABIN, ACB) to assess opportunities for support and replication elsewhere

2.5.3 Work with emerging public online initiatives that wish to incorporate biodiversity data (e.g. Virtual Earth, Google, ESRI)

## **Result 2.6 Make WDPA & related datasets more useful to Governments**

2.6.1 Work with national decision makers to identify functionality and data needs to aid national biodiversity priorities

2.6.2 Bring the WDPA and biodiversity data into the EURO-GEOSS as an example for global demonstration

## **OBJECTIVE 3: Integrate spatial data on coastal and marine ecosystems to test methodologies that decrease the cost of building quality biodiversity datasets**

### **Result 3.1 Understand opportunities and needs with respect to coastal and marine data**

3.1.1 Iterative review of essential characteristics of data visualisation, knowledge management and decision support tools with marine data providers and other potential users

3.1.2 Explore opportunities for user interaction with existing marine databases for data update and review processes

3.1.3 Work with potential partner organizations to review key marine datasets, available tools, and identify data that needs to be added (internally), modified or updated to provide new functionality

### **Result 3.2 Finalise partnership agreements with key coastal and marine data providers**

3.2.1 Develop agreements with partners on marine species data sharing, access and use, to ensure clear understanding of roles, responsibilities and resources

3.2.2 Identify potential marine partners and large multi-partner projects with a marine focus, and develop agreements on data sharing, access and use

### **Result 3.3 Integrate marine data with visualisation and geo-wiki functionality**

3.3.1 Design and test tools for integrating and managing the datasets available within UNEP-WCMC and from partner organizations, either as a central or distributed database

3.3.2 Iterative development and application of technology to encourage user interaction for incorporating data, including necessary iterative development and application of technology to encourage user interactions with key datasets (including incorporating data, quality assurance, review and endorsement processes)

3.3.3 Donor stewardship - Review the data integration and delivery tools with key information partners to ensure understanding and endorsement of the approaches being taken

### **Result 3.4 Promote coastal and marine partnerships and data products**

3.4.1 Develop and deliver a strategy for encouraging the collaboration of those who can contribute to marine data content

3.4.2 Proactive promotion of existing marine datasets and tools and benefits of uptake and application of these for data providers, project partners and their networks

3.4.3 Dialogue with those already developing coastal and marine tools with a view to collaboration in delivery of information and services

3.4.4 Develop the role of WCMC in building capacity for partnerships and action around innovative and effective Marine Spatial Planning