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**SUBSIDIARY BODY ON SCIENTIFIC, TECHNICAL
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Tenth meeting

Bangkok, 7-11 February 2005

Item 5.1 of the provisional agenda*

**REVIEW OF THE OPERATIONAL PLAN OF SBSTTA, INCLUDING THE REVIEW OF
METHODS AND MODALITIES FOR PILOT ASSESSMENTS INITIATED IN
PARAGRAPH 6 OF SBSTTA RECOMMENDATION VI/5**

List of ongoing and proposed assessments in thematic areas of the Convention on Biological Diversity

Note by the Executive Secretary

1. The present note, which is being circulated for the information of participants in the tenth meeting of the Subsidiary Body on Scientific, Technical and Technological Advice (SBSTTA), is intended to supplement the note by the Executive Secretary on scientific assessments (UNEP/CBD/SBSTTA/10/5) prepared in response to decision V/20 of the Conference of the Parties and recommendation VI/5 of the Subsidiary Body on Scientific, Technical and Technological Advice (SBSTTA). It builds on and updates the list of assessments contained in the annex to an earlier progress report on ongoing assessment processes (UNEP/CBD/SBSTTA/6/3).
2. The note provides an indicative list of ongoing and proposed assessments in the thematic areas of the Convention on Biological Diversity, namely in inland waters ecosystems, marine and coastal biological diversity, forest biological diversity, agricultural biodiversity, biological diversity of dry and sub-humid lands, mountain biological diversity and island biological diversity. It also includes some assessments relevant to cross-cutting issues considered under the Convention. The note begins with a list of comprehensive assessments which cover several or all thematic areas. For each on-going assessment, the table presents the name and website of the activity, the lead agencies, comments on the relevance to the Convention, the geographical coverage and the duration.
3. Key data sets, which serve as the basis for the preparation of assessments, have also been included, although these are not themselves assessments. For example, the World Database on Protected Areas has been listed because it supports the production of the periodic UN List, in is used to support a significant number of global and regional assessments.
4. The list of assessment focuses on global assessments. Some regional components of larger undertakings are also included. A searchable meta-database of numerous environmental and socio-

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* UNEP/CBD/SBSTTA/10/1

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economic data sets has been prepared by the Millennium Ecosystem Assessment (<http://www.millenniumassessment.org/en/datasets.aspx>).

5. Assessments relevant to two thematic areas or cross-cutting themes are listed twice. Those relevant to a larger number are listed as comprehensive assessments. The list of assessments provided on the following pages is indicative only. The Secretariat encourages individuals, organizations and governments to contribute further information for a more comprehensive list.

I. INDICATIVE LIST OF ON-GOING AND PROPOSED ASSESSMENTS IN THEMATIC AREAS OF THE CONVENTION ON BIOLOGICAL DIVERSITY

COMPREHENSIVE GENERAL ASSESSMENTS (CROSS-THEMATIC)

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Africover http://www.africover.org/ implemented/coordinated by: FAO	The Africover initiative aims to develop a digital georeferenced data base on land cover and baseline geographic data for the whole Africa.	Coverage: Regional: Africa Time frame: 1995 - ongoing
Earthwatch http://earthwatch.unep.net/ implemented/coordinated by: UNEP	The United Nations System-wide Earthwatch mechanism is a broad UN initiative to coordinate, harmonize and catalyze environmental observation activities among all UN agencies for integrated assessment purposes.	Coverage: Global Time frame: 1973 - ongoing
ECOPORT http://www.ecoport.org/default.htm implemented/coordinated by: FAO	EcoPort seeks to establish and sustain a "Knowledge Commons" to develop sustainable ways to manage the Earth's natural resources. Contains information on inter alia functions of agricultural biodiversity, crops, insects, fungi, bacteria, weeds and viruses, including assessment of species for biological control.	Coverage: Global Time frame: 2000 - ongoing
FAOSTAT http://apps.fao.org implemented/coordinated by: FAO	FAOSTAT covers international statistics in areas such as: production, trade, fertilizer and pesticides, land use and irrigation, forest, fisheries and agricultural products. Global database and assessments include the market analysis and appraisal of socio-economic contribution of certain products, economic valuation of the conservation of different components of agricultural biodiversity, and of certain techniques and management practices.	Coverage: Global Time frame: ongoing
FishBase http://www.fishbase.org/home.htm implemented/coordinated by: WorldFish Center/FishBase Consortium	FishBase is a relational database with information to cater to different professionals such as research scientists, fisheries managers, zoologists and many more. FishBase on the web contains practically all fish species known to science.	Coverage: Global Time frame: ongoing
Global Amphibian Assessment http://www.iucn.org/themes/ssc/programs/gaa/gaa_EN.htm and http://www.globalamphibians.org/	Comprehensive assessment of the conservation status of the world's 5,743 known species of frogs, toads, salamanders, and caecilians.	Coverage: Global Time frame: 2004

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
implemented/coordinated by: IUCN-SSC		
Global Biodiversity Information Facility (GBIF) http://www.gbif.org implemented/coordinated by: OECD	The mission of the Global Biodiversity Information Facility (GBIF) is to make the world's primary data on biodiversity freely and universally available via the Internet.	Coverage: Global Time frame: 2001 - ongoing
Global Environment Outlook http://www.unep.org/geo/ implemented/coordinated by: UNEP	Comprehensive global state of the environment report	Coverage: Global Time frame: 1995 - ongoing
Global Land Cover Network Program (GLCN) implemented/coordinated by: FAO and UNEP	A global alliance for standard multi-purpose land cover data production to answer user needs	Coverage: Global Time frame: planned
Global Mammal Assessment http://www.iucn.org/themes/ssc/programs/gma/index.htm implemented/coordinated by: IUCN-SSC and CI/CABS	Aims to provide an effective method for gathering and disseminating the most accurate scientific data available for biodiversity conservation by conducting a complete reassessment of the threat status of all 5,000 plus mammal species..	Coverage: Global Time frame: 2004 - ongoing
Global Terrestrial Observing System http://www.fao.org/gtos implemented/coordinated by: FAO	A programme for observations, modelling, and analysis of terrestrial ecosystems to support sustainable development	Coverage: Global Time frame: 1996 - ongoing
IUCN Red List of Threatened Species http://www.redlist.org implemented/coordinated by: IUCN-SSC	Assessments of the status of a selected set of species and monitoring of the status of a representative selection of species (as biodiversity indicators) that cover all the major ecosystems of the world.	Coverage: Global Time frame: 1994 - ongoing
Living Planet Report http://www.panda.org/news_facts/publications/general/livingplanet/index.cfm implemented/coordinated by: WWF	Annual index on population trends of terrestrial, marine and freshwater species as well as human consumption	Coverage: Global Time frame: 1999 - ongoing
Millennium Ecosystem Assessment http://www.millenniumassessment.org implemented/coordinated by: UNEP	MA is a user-driven process designed to address assessment needs of CBD, CCD and Ramsar Convention on all ecosystem types. Integrated ecosystem assessment.	Coverage: Global Time frame: 2001 - 2005
Monitoring and assessing ecosystem sustainability http://www.jrc.cec.eu.int/ implemented/coordinated by: EU-JRC	Development of satellite remote sensing techniques for maintaining an adequate long-term watch on key terrestrial and marine global change parameters.	Coverage: Global Time frame: 2003-2006

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Terrestrial ecosystem monitoring sites (TEMS) meta-database http://www.fao.org/gtos/tems/index.jsp implemented/coordinated by: FAO	An international directory of sites (named T.Sites) and networks that carry out long-term terrestrial monitoring and research activities. A new tool providing a qualitative assessment of selected environmental variables, such as "forest cover change" is being implemented.	Coverage: Global Time frame: ongoing
The Environmental Information Portal http://earthtrends.wri.org/ implemented/coordinated by: WRI	EarthTrends is a comprehensive online database that focuses on environmental, social, and economic trends.	Coverage: Global Time frame: ongoing
The International Plant Names Index (IPNI) http://www.ipni.org/ implemented/coordinated by: Royal Botanic Gardens, Kew; Harvard University Herbaria; Australian National Herbarium	IPNI is a database of the names and associated basic bibliographical details of all seed plants. Its goal is to eliminate the need for repeated reference to primary sources for basic bibliographic information about plant names.	Coverage: Global Time frame: ongoing
World Resources Report http://governance.wri.org/project_description2.cfm?ProjectID=86 implemented/coordinated by: WRI	The World Resources Report provides policymakers (government, civil society, and business) with timely information with which to shape policy and reform institutions.	Coverage: Global Time frame: ongoing

AGRICULTURAL BIODIVERSITY

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Domestic Animal Diversity Information System (DAD-IS) http://dad.fao.org/en/Home.htm implemented/coordinated by: FAO	Global scientific and technical database and to assist countries in monitoring and assessing the conservation and sustainable use of indigenous and exotic breeds and races, and their production environments. A communication and information tool for the implementation of the Global Strategy for the Management of Farm Animal Genetic Resources. Source for preparation of the World Watch List for Domestic Animal Diversity.	Coverage: Global Time frame: ongoing
European Cooperative Programme for Genetic Resources (ECP/GR) http://www.ecpgr.cgiar.org/Databases/database.s.htm	Centralizes information on a number of European central crop databases which hold passport data and, to varying degrees, characterization and primary evaluation data of the major collections (germplasm accessions) of the respective crops.	Coverage: Regional and National: Europe Time frame: 1980 - ongoing

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
implemented/coordinated by: IPGRI		
Information systems on agriculture, land and water http://www.fao.org/landandwater/lwris.htm implemented/coordinated by: FAO	Link to databases on Agro-Ecological Zoning System, Water in Agriculture, Irrigation, Drainage and Flood Control, Climate, Fertilizers, Crops, Fertility Capability Classification, Land Cover Classification, Soils and Conservation Approaches.	Coverage: Global Time frame: Ongoing
International Assessment of Agricultural Science and Technology for Development http://www.agassessment.org/ implemented/coordinated by: IBRD/UNEP/UNDP	Aims to bring an objective view of the long-term challenges facing world agriculture and consider how these might be addressed by the development and appropriate use of agricultural knowledge and technologies, learning from both past experiences and our present knowledge.	Coverage: Global Time frame: 2004 - ongoing
Status of implementation and effectiveness of the programme of work on agricultural biodiversity http://www.biodiv.org/programmes/areas/agro/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme of work on agricultural biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2008 (COP 9)
Status and trends of, and threats to, agricultural biodiversity http://www.biodiv.org/programmes/areas/agro/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme of work on agricultural biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2008 (COP 9)
State of the World's Animal Genetic Resources http://www.fao.org/WAICENT/FAOINFO/AGRICULT/cgrfa/AnGR.htm implemented/coordinated by: FAO	First report being prepared by FAO's Commission on Genetic Resources for Food and Agriculture (http://dad.fao.org/en/refer/library/reports2/itwg/CGRFA_WG_AnGR_3_04_2%20Add_1.pdf).	Coverage: Global Time frame: 2006
State of the World's Plant Genetic Resources http://www.fao.org/ag/cgrfa/PGR.htm implemented/coordinated by: FAO	Assessment of genetic diversity within and between plants for the FAO Commission on Genetic Resources for Food and Agriculture. Second report due in 2007	Coverage: Global Time frame: 1997 - ongoing
World Data Centre for Soils http://www.isric.nl/ implemented/coordinated by: ISRIC/ICSU	Information system providing the basis for agriculture with parameters that have a direct influence on agricultural biodiversity, such as soil productivity	Coverage: Global Time frame: 1957 - ongoing
World Information and Early Warning	Consists of a number of relational databases, resulting from direct	Coverage: Global

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
System (WIEWS) on Plant Genetic Resources for Food and Agriculture (PGRFA) http://apps3.fao.org/wiews implemented/coordinated by: FAO	contributions from Member Countries and from routinely (e.g. World Seed Review; data gathering from publications; etc.) and event-related data collating activities (e.g. Country reports for the IV International Technical Conference on PGR; Regional Meetings; etc.). Currently carries out global surveys to update institutes, contacts and germplasm holdings.	Time frame: ongoing

DRY AND SUB-HUMID LANDS BIODIVERSITY

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Land Degradation Assessment in Drylands (LADA) http://www.fao.org/ag/agl/agll/lada/default.stm implemented/coordinated by: FAO	The Land Degradation Assessment in drylands project (LADA) generates up-to-date ecological, social, and economic and technical information, including a combination of traditional knowledge and modern science, to guide integrated and cross-sectoral planning and management in drylands.	Coverage: Global Time frame: 2000 - ongoing
Status of implementation and effectiveness of the programme of work on the biodiversity of dry and sub-humid lands http://www.biodiv.org/programmes/areas/dryland/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme of work on dry and sub-humid lands biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2006 (COP 8)
Status and trends of, and threats to, biodiversity of dry and sub-humid lands http://www.biodiv.org/programmes/areas/dryland/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme of work on dry and sub-humid lands biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2006 (COP 8)

FOREST BIODIVERSITY

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Assessment of the status of the world's remaining closed forests http://www.na.unep.net/publications/closedforest.pdf implemented/coordinated by: UNEP, US Geological Survey, NASA	Satellite-based survey of the planet's remaining closed forests, which include virgin, old growth and naturally regenerated woodlands	Coverage: Global Time frame: 2001
European forest resources database http://www.efi.fi/Forestry_Databank/EFIFD_future.phtml implemented/coordinated by: EFI	A comprehensive European forest resources database from 1950 to the most recent current FRA. EFI's goal is to compile a complete set of forest resources assessment data to meet the information needs at the European level, e.g. in order to analyze the trends of forest resources	Coverage: Regional: Europe Time frame: 2000
Global distribution on current forests http://www.unep-wcmc.org/forest/global_map.htm implemented/coordinated by: UNEP-WCMC	Datasets and maps presenting the global distribution of 21 types of current temperate, boreal and tropical forests. While assessments of some forest types have been completed others are ongoing (e.g. Tropical Montane Cloud Forests).	Coverage: Global Time frame: ongoing
Global Forest Resources Assessment (FRA) http://www.fao.org/forestry/fo/fra/index.jsp implemented/coordinated by: FAO	Provides a comprehensive and up-to-date view of the world's forest resources at the end of the second millennium. Includes new Global maps for forest cover, ecological zones and protected areas, and synthesis on various themes. Also country profiles are included.	Coverage: Global Time frame: 1948 - ongoing, assessment reports every 10 years
Indicators for monitoring and evaluation of forest biodiversity in Europe (BEAR) http://www.algonet.se/~bear/ implemented/coordinated by: EFI and other institutes	The main aim is to formulate an integrated system of indicators of forest biodiversity that are applicable in each of the six major European biogeographical regions, and at the national/regional, landscape and stand level	Coverage: Regional: Europe Time frame: ongoing
State of Europe's Forests http://www.mcpfe.org/ implemented/coordinated by: Ministerial Conference on the Protection of Forests in Europe	The publication on the State of Europe's Forests 2003 provides an overview of facts and figures on forests and on the status and development of sustainable forest management in Europe.	Coverage: Regional: Europe Time frame of current work programme: 2003 - 2007
Status of implementation of the programme of work on forest biological diversity http://www.biodiv.org/programmes/areas/forest/default.asp implemented/coordinated by: SCBD	Periodic in-depth review structured around the expanded programme of work on forest biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2008 (COP 9)
Status and trends of, and threats to, forest	Periodic in-depth review of the programme of work on forest biodiversity	Coverage: Global

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biodiversity http://www.biodiv.org/programmes/areas/forest/default.asp implemented/coordinated by: SCBD	in accordance with multi-year programme of work	Time frame: 2008 (COP 9)

INLAND WATER BIOLOGICAL DIVERSITY

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Freshwater Biodiversity Assessment Programme http://www.iucn.org/themes/ssc/programs/freshwater/ implemented/coordinated by: IUCN-SSC	Aims to put in place a factual underpinning to support efforts to conserve and manage freshwater biodiversity	Coverage: Global Time frame: 2002 - ongoing
GEMS Water Programme http://www.gemswater.org/freshwater_assessments/index-e.html implemented/coordinated by: UNEP-GEMS/Water	The monitoring and assessment function of GEMS/Water is driven by the requirement for a consistent international database that can produce a variety of global and regional assessments by water-related agencies.	Coverage: Global Time frame: ongoing
Global International Waters Assessment http://www.giwa.net implemented/coordinated by: UNEP	Aims to produce a comprehensive and integrated global assessment of international waters, the ecological status of and the causes of environmental problems in 66 water areas in the world (9 mega-regions), and focus on the key issues and problems facing the aquatic environment in transboundary waters. Regional reports available on the net	Coverage: Global Time frame: since 1999 and ongoing
Status of implementation and effectiveness of the joint programme of work with the Ramsar Convention http://www.biodiv.org/programmes/areas/water/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme of work on inland water biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2010 (COP 10)
Status of implementation and effectiveness of the programme of work on the	Periodic in-depth review of the programme of work on inland water biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2010 (COP 10)

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
biodiversity of inland water ecosystems http://www.biodiv.org/programmes/areas/water/default.asp implemented/coordinated by: SCBD		
Status and trends of, and threats to, the biodiversity of inland water ecosystems http://www.biodiv.org/programmes/areas/water/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme of work on inland water biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2010 (COP 10)
Water and Nature Initiative http://www.waterandnature.org/projects.html implemented/coordinated by: IUCN	The initiative includes assessing the status of freshwater biodiversity to improve information on freshwater biodiversity through regional networks to feed into the Species Information System and basin management	Coverage: Global Time frame: 2004
World Water Assessment Programme http://www.unesco.org/water/wwap/ implemented/coordinated by: UN-wide programme coordinated by UNESCO	Seeks to develop the tools and skills needed to achieve a better understanding of those basic processes, management practices and policies that will help improve the supply and quality of global freshwater resources.	Coverage: Global Time frame: 2000 - ongoing

ISLAND BIOLOGICAL DIVERSITY

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Status and trends of, and threats to, island biodiversity http://www.biodiv.org/programmes/areas/island/default.asp and http://www.biodiv.org/doc/meeting.aspx?mtg=TEGIB-01 implemented/coordinated by SCBD	Assessment of status and trends of, and major threats to, island biodiversity in preparation of the new programme of work on island biodiversity	Coverage: Global Time frame: 2006 (COP 8)

MARINE AND COASTAL BIOLOGICAL DIVERSITY

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
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<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Arctic Monitoring and Assessment Programme (AMAP) http://www.amap.no/ implemented/coordinated by: Norwegian Polar Institute (NPI), Polar Environmental Centre	AMAP is responsible for measuring the levels, and assessing the effects of anthropogenic pollutants in all compartments of the Arctic environment, including humans; documenting trends of pollution; documenting sources and pathways of pollutants; examining the impact of pollution on Arctic flora and fauna, especially those used by indigenous people; reporting on the state of the Arctic environment; and giving advice to Ministers on priority actions needed to improve the Arctic condition. AMAP has completed two assessments of the State of the Arctic Environment with respect to pollution issues. The AMAP Assessments are based on input and contributions from several hundred scientists and experts, and are prepared by lead experts working under the guidance of the AMAP Assessment Steering Group.	Coverage: Regional: circumpolar Time frame: 1991 - ongoing
Assessment of status and trends and threats to deep seabed genetic resources beyond national jurisdiction. http://www.biodiv.org/programmes/areas/marine/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme of work on marine and coastal biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2010 (COP 10)
Assessment of status and trends and threats to marine biodiversity in marine areas beyond national jurisdiction (to be considered by the Ad Hoc Open-ended Working Group on Protected Areas in 2005) http://www.biodiv.org/programmes/areas/marine/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme of work on marine and coastal biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2010 (COP 10)
Atlantic and Gulf Rapid Reef Assessment (AGRRA) http://www.coral.noaa.gov/agra/ implemented/coordinated by: University of Miami	Aims to complete the regional assessment of the health of coral reefs throughout the Western Atlantic and has developed an extensive regional database on Caribbean coral reef condition. Provides baseline data for the establishment of marine protected areas.	Coverage: Regional Time frame: 1999 - ongoing
Coral Reef Degradation in the Indian Ocean (CORDIO) http://www.cordio.org/	Assesses the widespread degradation of the coral reefs throughout the Indian Ocean region. Gradually much of the research is focusing on mitigation of damage to reefs and on alternative livelihoods for people	Coverage: Regional Time frame: 1999 - ongoing

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implemented/coordinated by: International Coral Reef Initiative (ICRI)	dependant on reefs that are being degraded due to climate change and other stress factors.	
Fisheries assessments http://www.ccamlr.org/pu/e/gen-intro.htm implemented/coordinated by: Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR)	The Scientific Committee has established two working groups to assist it in formulating scientific advice on key areas of its responsibility. Currently the two groups serving this function are the Working Group on Ecosystem Monitoring and Management (WG-EMM) and the Working Group on Fish Stock Assessment (WG-FSA). These two working groups meet annually and report their findings directly to the Scientific Committee.	Coverage: Regional, Antarctica Time frame: ongoing
Global Ballast Water Management Programme (GloBallast) http://globallast.imo.org/index.asp?page=monograph.htm&menu=true implemented/coordinated by: GEF/UNDP/IMO	GloBallast is assisting developing countries to reduce the transfer of harmful aquatic organisms and pathogens in ships' ballast water, to implement the IMO ballast water Guidelines and to prepare for the new IMO ballast water Convention, including through links to relevant databases.	Coverage: Global Time frame: 2000-2004
Global International Waters Assessment http://www.giwa.net implemented/coordinated by: UNEP	Aims to produce a comprehensive and integrated global assessment of international waters, the ecological status of and the causes of environmental problems in 66 water areas in the world (9 mega-regions), and focus on the key issues and problems facing the aquatic environment in transboundary waters. Regional reports available on the net	Coverage: Global Time frame: since 1999 and ongoing
Global Mercury Assessment http://www.chem.unep.ch/mercury/default.htm implemented/coordinated by: UNEP Chemicals	Aims to provide the basis for further international action to reduce the risks to humans and wildlife from the release of mercury to the environment.	Coverage: Global Time frame: 2001 – ongoing
Global Ocean Ecosystem Dynamics http://www.pml.ac.uk/globec/ implemented/coordinated by: IGBP	The aim of GLOBEC is to advance our understanding of the structure and functioning of the global ocean ecosystem, its major subsystems, and its response to physical forcing so that a capability can be developed to forecast the responses of the marine ecosystem to global change.	Coverage: National: Angola, Brazil, Canada, Chile, China, France, Germany, Italy, Japan, Namibia, Netherlands, New Caledonia, Mexico, Norway, Portugal, South Africa, Spain, Turkey, Ukraine, UK, USA Time frame: 1990–2009
Global Ocean Observing System (GOOS)	Permanent global system for monitoring and modelling ocean data	Coverage: Global

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http://ioc.unesco.org/goos implemented/coordinated by: IOC		Time frame: 1992 - ongoing
Global Sea Level Observing System http://www.pol.ac.uk/psmsl/programmes/gloss.info.html implemented/coordinated by: Joint Technical Commission for Oceanography and Marine Meteorology (JCOMM) of the World Meteorological Organisation (WMO) and the Intergovernmental Oceanographic Commission (IOC)	The main component of GLOSS is the 'Global Core Network' (GCN) of 290 sea level stations around the world for long term climate change and oceanographic sea level monitoring. The present definition of the GCN (the definition is modified every few years) is called GLOSS02.	Coverage: Global Time frame: ongoing
OSPAR Joint assessment and monitoring programme http://www.ospar.org/eng/html/strategies/strategy-06.htm implemented/coordinated by: Contributes to OSPAR	The 1992 OSPAR Convention agreed on a Joint Assessment and Monitoring Programme to provide the basis for a comprehensive quality status report. In 2000, the 2000 Quality Status Report was published. In 2003, the Ministerial Meeting of the Commission adopted a new Strategy for the Joint Assessment and Monitoring Programme (JAMP). This provides for the work to support and produce a series of thematic assessments, leading to a further comprehensive assessment in 2010.	Coverage: Global Time frame: 1995 - ongoing
Recurrent assessments of fisheries resources in the framework of the FAO Regional Fishery Bodies http://www.oceansatlas.org/unatlas_gifs/offsiteframe.jsp?url=http%3A%2F%2Fwww.fao.org%2Ffi%2Fbody%2Fbody.asp&ctn=2005&kot=web-sites implemented/coordinated by: FAO	Links to FAO Regional Bodies, other FAO bodies and other fishery commissions, many of which carry out regular assessments of the status of fisheries.	Coverage: Global (regional bodies worldwide) Time frame: ongoing
Reefs at Risk http://reefsatrisk.wri.org/ implemented/coordinated by: WRI	Consists of regional reports, which provide detailed analyses of threats to develop reliable indicators of human pressure on coral reefs. Each report includes map-based indicators of threat from coastal development, inland sources of sediment and pollution, marine-based threats and overexploitation. The regional analyses also include an evaluation of the economic value of goods and services associated with healthy coral reefs and of economic losses likely to result from coral reef degradation	Coverage: Global Time frame: 1998 - ongoing
SeagrassNet – a global seagrass monitoring	SeagrassNet is developing a global monitoring program that investigates	Coverage: Global

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
programme http://www.worldseagrass.org/snsr.htm implemented/coordinated by: World Seagrass Association	and documents the status of seagrass resources world wide and the threats to this important ecosystem.	Time frame: 2001 - ongoing
Status of Coral Reefs of the World http://www.gcrmn.org/ implemented/coordinated by: Global Coral Reef Monitoring Network	The GCRMN is tasked by national governments, United Nations agencies, international NGOs and marine institutes to promote monitoring of the coral reefs of the world. The aim is to raise awareness on their current status and provide data to assist resource managers in coral reef conservation.	Coverage: Global Time frame: 1994 - ongoing
Status of implementation (including whether the targets for the programme of work on marine and coastal biodiversity were met) and effectiveness of the programme of work (including assessment of progress made towards the global goal on marine and coastal protected areas) http://www.biodiv.org/programmes/areas/marine/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme of work on marine and coastal biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2010 (COP 10)
Surveillance and assessment of marine environmental conditions http://gesamp.imo.org/ implemented/coordinated by: GESAMP (Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection)	Covers all scientific aspects on the prevention, reduction and control of the degradation of the marine environment to sustain life support systems, resources and amenities.	Coverage: Global Time frame: 1993 – ongoing
Tanker spill assessment in regional seas http://www.itopf.com/stats.html implemented/coordinated by: International Tanker Owners Pollution Federation (ITOPF)	ITOPF maintains a database of oil spills from tankers, combined carriers and barges. This covers all accidental spillages except those resulting from acts of war. Oil spills cause short-term and major disruptions to ecological processes and to numerous populations of marine and coastal species.	Coverage: Global Time frame: 2002 - ongoing
The state of world fisheries and aquaculture http://www.fao.org/sof/sofia/index_en.htm implemented/coordinated by: FAO	The State of World Fisheries and Aquaculture (SOFIA) is published every two years by FAO's Fisheries Department. It's purpose is to provide policy-makers, civil society and those who derive their livelihood from the sector a comprehensive, objective and global view of capture fisheries and	Coverage: Global Time frame: Ongoing: assessments every 2 years

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
	aquaculture, including associated policy issues.	
UN Atlas of the oceans http://www.oceansatlas.org/ implemented/coordinated by: Consortium of UN agencies and international organizations	The Atlas is an information system designed for use by policy makers who need to become familiar with ocean issues and by scientists, students and resource managers who need access to underlying data bases and approaches to sustainability.	Coverage: Global Time frame: ongoing

MOUNTAIN BIODIVERSITY

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Global Change Research- a focus on mountain ecosystems http://www.nrmsc.usgs.gov/research/global.htm implemented/coordinated by: US Geological Survey, Northern Rocky Mountains Science Centre, Glacier, Montana	Develops computer-based ecosystems models to understand how the Glacier National Park mountain wilderness responds to present climatic variability and impacts of future global environmental change can be predicted. Recent progress on forest and watershed modelling.	Coverage: Global Time frame: ongoing
Global Mountain Biodiversity Assessment http://www.unibas.ch/gmba/ implemented/coordinated by: University of Basel, Diversitas	A global network on mountain biodiversity research aiming to document the great biological richness of the mountains of the world and its change by direct and indirect human influences ("global change") and to synthesize existing knowledge and initiate new research activities.	Coverage: Global Time frame: since 1997 and ongoing
Global Observation Research Initiative in Alpine Environments (GLORIA) http://www.gloria.ac.at/res/gloria_home implemented/coordinated by: IGBP/GTOS established by FAO, ICSU, UNEP, UNESCO and WMO	GLORIA aims to establish an effective long-term observation network for detecting the effects of climate change on mountain biota on a global scale. GLORIA is a network of standardised monitoring settings in all major mountain systems on Earth.	Coverage: Global Time frame: ongoing
Status of implementation and effectiveness of the programme of work on mountain biological diversity http://www.biodiv.org/programmes/areas/mountain/default.asp	Periodic in-depth review of the programme of work on mountain biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2010 (COP 10)

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
implemented/coordinated by: SCBD		
Status and trends of, and threats to, mountain biological diversity http://www.biodiv.org/programmes/areas/mountain/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme of work on mountain biodiversity in accordance with multi-year programme of work	Coverage: Global Time frame: 2010 (COP 10)

CLIMATE CHANGE

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Global Climate Observing System (GCOS) http://www.wmo.ch/web/gcos/gcoshome.html implemented/coordinated by: WMO, UNEP, UNESCO-IOC, ICSU	Seeks to ensure that the observations and information needed to address climate-related issues are obtained and made available to all potential users	Coverage: Global Time frame: 1992 - ongoing
Impacts of a Warming Arctic: Arctic Climate Impact Assessment http://www.acia.uaf.edu/ implemented/coordinated by: Arctic Council and the International Arctic Science Committee (IASC)	An international project to evaluate and synthesize knowledge on climate variability, climate change, and increased ultraviolet radiation and their consequences.	Coverage: Regional: Arctic Time frame: 2004
Joint Global Ocean Flux Study (JGOFS) http://www.uib.no/jgofs/jgofs.html implemented/coordinated by: IGBP	Seeks to assess more accurately, and understand better the processes controlling, regional to global and seasonal to interannual fluxes of carbon between the atmosphere, surface ocean and ocean interior, and their sensitivity to climate changes	Coverage: Global Time frame: 1987 - ongoing

GLOBAL STRATEGY FOR PLANT CONSERVATION

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
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<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Status of implementation and effectiveness of the Global Strategy for Plant Conservation http://www.biodiv.org/programmes/cross-cutting/plant/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the implementation of the Global Strategy for Plant Conservation in accordance with multi-year programme of work	Coverage: Global Time frame: 2008 (COP 9)

GLOBAL TAXONOMY INITIATIVE

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Status of implementation and effectiveness of the programme of work for the Global Taxonomy Initiative http://www.biodiv.org/programmes/cross-cutting/taxonomy/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme of work of the Global Taxonomy Initiative in accordance with multi-year programme of work	Coverage: Global Time frame: 2006 (COP 8)

INCENTIVE MEASURES

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Status of implementation and effectiveness of the programme of work on incentive measures http://www.biodiv.org/programmes/socio-eco/incentives/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of ongoing work under the programme of work on incentive measures in accordance with multi-year programme of work	Coverage: Global Time frame: 2008 (COP 9)

INVASIVE ALIEN SPECIES

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Ecological and socioeconomic impacts of invasive alien species on biodiversity (in all thematic areas, and in protected areas) http://www.biodiv.org/programmes/cross-cutting/alien/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme on invasive alien species in accordance with multi-year programme of work	Coverage: Global Time frame: 2008 (COP 9)
Global Ballast Water Management Programme (GloBallast) http://globallast.imo.org/index.asp?page=monograph.htm&menu=true implemented/coordinated by: GEF/UNDP/IMO	GloBallast is assisting developing countries to reduce the transfer of harmful aquatic organisms and pathogens in ships' ballast water, to implement the IMO ballast water Guidelines and to prepare for the new IMO ballast water Convention, including through links to relevant databases.	Coverage: Global Time frame: 2000-2004
Global Invasive Species Database http://www.issg.org/database/welcome/ implemented/coordinated by: IUCN/SSC Invasive Species Specialist Group (ISSG)	Provides global information on invasive alien species to agencies, resource managers, decision-makers, and interested individuals. The database focuses on invasive species that threaten biodiversity and covers all taxonomic groups from micro-organisms to animals and plants	Coverage: Global Time frame: ongoing

PROTECTED AREAS

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Status and trends of, and threats to, biodiversity http://www.biodiv.org/programmes/cross-cutting/protected/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme of work on protected areas in accordance with multi-year programme of work	Coverage: Global Time frame: 2010 (COP 10)
WCPA Framework for Assessing	Management effectiveness evaluation measures the degree to which a protected area is protecting its values and achieving its goals and	Coverage: Global

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Management Effectiveness of Protected Areas http://www.iucn.org/themes/wcpa/theme/mgteffect.html#framework implemented / coordinated by the IUCN World Commission on Protected Areas and the World Bank and WWF alliance	objectives. The main objective of evaluation is to enable managers to improve conservation and management of protected areas.	Time frame: 2001 - ongoing
World Data Base on Protected Areas (WDPA) http://www.unep-wcmc.org/protected_areas/wdpa.htm implemented/coordinated by: UNEP–World Conservation Monitoring Centre working in partnership with the IUCN World Commission on Protected Areas and a consortium of internationally active organizations and networks.	Comprehensive relational database containing information on the status, environment and management of individual protected areas supporting global and regional assessments, e.g. the periodic UN List of Protected Areas.	Coverage: Global Time frame: ongoing

SUSTAINABLE USE

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
Assessment of the integration of sustainable use provisions, including the Addis Ababa Principles and Guidelines for Sustainable Use of Biodiversity and the CBD Guidelines on Biodiversity and Tourism into each of the thematic areas of the Convention; http://www.biodiv.org/programmes/socio-eco/use/default.asp implemented/coordinated by: SCBD	Periodic in-depth review of the programme on sustainable use in accordance with multi-year programme of work	Coverage: Global Time frame: 2010 (COP 10)
Assessment of the progress in the	Periodic in-depth review of the programme on sustainable use in	Coverage: Global

<i>Name, Website and Lead agency</i>	<i>Relevance to CBD</i>	<i>Coverage and Time frame</i>
implementation of Article 10 and related provisions based on information submitted in national reports, and other relevant information, including case studies. http://www.biodiv.org/programmes/socio-eco/use/default.asp implemented/coordinated by: SCBD	accordance with multi-year programme of work	Time frame: 2010 (COP 10)
Assessment of Sustainability Indicators http://www.icsu-scope.org/ implemented jointly by SCOPE and the United Nations Environment Programme (UNEP), together with the International Human Dimensions Programme on Global Environmental Change (IHDP) and the European Environment Agency (EEA), under the sponsorship of the International Council for Science (ICSU).	Sustainability indicators can be both critical monitoring tools and efficient tools for communicating science-based information to policy-makers. The project conducts a scientific assessment of existing sustainable development indicators, and aims to define a set of ASI criteria for testing indicators of sustainable development for a variety of purposes and at different geographic scales.	Coverage: Global Time frame: 2004 -
