

**Workshop on the Governance of
High Seas Biodiversity Conservation
Cairns, Australia
June 16-19 2003**

Summary Record of Discussion and Suggestions for a Way Forward

Context

The Johannesburg Plan of Implementation from the World Summit on Sustainable Development (WSSD) called on the international community to *maintain the productivity and biodiversity of important and vulnerable marine and coastal areas, including in areas within and beyond national jurisdiction* (Paragraph 32a).

The United Nations General Assembly, in its Resolution 57/141:

Encourages relevant international organizations, with the assistance of regional and subregional fisheries organizations, to consider urgently ways to integrate and improve, on a scientific basis, the management of risks to marine biodiversity of seamounts and certain other underwater features within the framework of the United Nations Convention on the Law of the Sea.

The Workshop in Cairns, Australia, was a WSSD partnership initiative sponsored by the Government of Australia in cooperation with partners from the Governments of Canada, the United Kingdom, Cambodia, New Zealand, and the United States of America as well as the World Conservation Union (IUCN), the World Wide Fund for Nature, the International Oceans Institute, Humane Society International, the International Maritime Organization, the International Seabed Authority and the Food and Agriculture Organization.

The workshop was attended by over 150 participants from 36 countries, intergovernmental organizations (including the Convention on Biological Diversity, Secretariat, the Convention on Migratory Species Secretariat, the United Nations Division of Ocean Affairs and Law of the Sea, the Food and Agriculture Organization, the International Maritime Organization, the International Seabed Authority, the Secretariat of the Pacific Community, the South Pacific Regional Environment Programme and the United Nations Environment Programme), nongovernmental organizations, industry representatives and academic institutions. Participants represented a broad range of scientific, legal, policy, technical and industry expertise on high seas and deep oceans biodiversity. Individuals were invited for their expertise and interest in high seas biodiversity and deep oceans management.

The views expressed in these summary conclusions are a reflection of the broad range of discussions at the meeting, greater international awareness and attention being paid to high seas issues in recent years and the increasingly urgent need for cooperative action by the international community to improve conservation and management of the high seas and deep oceans.

Noting the breadth of participants at the meeting, the suggestions for action were broad-ranging and are not intended to reflect agreed positions among all participants. They do, however, indicate the extent of possibilities for action which could be negotiated and further discussed by the international community to meet its collective commitment and obligation to conservation and sustainable management of the ocean commons.

While fishing currently has the major impact on the biodiversity of the deep oceans, the workshop acknowledged and discussed a range of other activities that may have potentially damaging impacts, including the laying and operation of submarine cables and pipelines, marine scientific research and bio-prospecting, whaling, military activities, ocean dumping and disposal, the spread of marine debris, introduced marine pests and mineral exploration.

The institutional and legal governance frameworks for the high seas, and the management arrangements which flow from them, need to contemplate the variety of current and potential activities and be flexible enough to accommodate change arising from emerging technologies, increasing scientific knowledge and greater understanding of the interactions between use, management and sustainability.

While the lack of understanding of the biodiversity and dynamics of the high seas continues to be a major impediment to developing appropriate institutional, legal and management responses for conservation and sustainable management, there is a corresponding need for greater and applied oceans governance research.

Awareness of the problems and capacity to address them, both technical and financial, is fundamental to any change in the legal and institutional governance structures which provide the basis for management and conservation activities in the high seas.

Discussions took place in the context of the already established principles of integrated and ecosystem based oceans management, the precautionary approach and intergenerational equity. There is a need, however, to reach agreement on the practical implications of these normative principles. (It is also important to note that international agreement has not been reached on the legal status of these concepts.)

Discussion of Options and Activities

The workshop was characterized by frank and free flowing discussion. Many considered this useful in order to stimulate debate among participants. However it is worth noting in this summary the delicate international balance of rights and responsibilities in areas

outside national jurisdiction. Examples of this balance were discussed, such as: the extent that freedom of the seas should or could be limited in relation to conservation measures; freedoms of navigation in relation to high seas marine protected areas; freedoms of access to high seas biodiversity versus common heritage; and equitable sharing of resources and benefits.

Given the nature of high seas jurisdictional arrangements and the legal and institutional frameworks with competency/mandates in the high seas, the key to the effective long term governance of the high seas and deep oceans is raising awareness of the issues and problems and multilateral cooperation and action – at the international, regional and sub-regional levels. Adaptation or changes to existing governance arrangements, or the establishment of new approaches to provide for improved management and conservation outcomes can, however, be a lengthy process. Consequently the workshop contemplated the need for short term responses that would provide a basis for improved conservation and management on an immediate and interim basis while governance options for medium and longer term approaches to sustainability are developed and agreed.

The following is indicative of matters raised in reports back from the meeting's working groups. The detail of the working group discussions is contained in the full Meeting Record.

Short Term Options

- United Nations General Assembly (UNGA) resolution for a moratorium on destructive fishing practices, such as unregulated bottom trawling on and around seamounts, cold water corals and other vulnerable underwater features but also pelagic resources of the high seas;
- UNGA resolution related to shipping
 - setting forth criteria for establishing the genuine link between vessels and flag states and the consequences for failure to meet those obligations under the United Nations Convention on the Law of the Sea (UNCLOS) and other agreements;
 - establishment of a voluntary audit scheme to independently assess flag states' ability to implement their obligations under UNCLOS and other agreements;
- Immediate establishment of an appropriately resourced coordination and cooperation mechanism within the UN system;
- Urgent capacity building for developing countries and small island developing states, including through their participation in the decision-making processes of relevant regional and international fora and mobilization of appropriate financial and technological resources;
- Publicity and public awareness raising of the value, importance and activity in the deep oceans;
- Development of a pilot high seas marine protected area site;
- Increased applied scientific and governance research;

- Relevant international institutions should identify a focal point on biodiversity of the high seas and deep oceans;
 - DOALOS should convene an inter-agency working group on high seas biodiversity under a broader oceans coordinating mechanism; and
- UNGA to call upon relevant international organizations, including the International Seabed Authority, the International Hydrographic Organization, DOALOS and the CBD Secretariat to review issues relating to the conservation and sustainable use of genetic resources of the deep seabed beyond the limits of national jurisdiction and to make recommendations to the General Assembly on these issues.

Medium to longer term institutional and governance options

Legal

- Develop agreement(s) to implement the environmental and conservation obligations of UNCLOS to ensure the protection, conservation and sustainable use of marine biodiversity and ecological processes;
- Amend other Conventions relevant to high seas biodiversity such as MARPOL Annexes I (oil), II (noxious liquid substances), IV (sewage) and V (garbage) to ensure that restrictions on nearshore discharges do not adversely impact biodiversity by transferring discharges to the high seas;
- Amend the World Heritage Convention to extend designations to high seas;
- Address historic dumping issues under the London Convention in relation to liability, compensation and containment/clean up;
- Urgently address the problems of flags of convenience and the primacy of flag state jurisdiction on the high seas;
- Promote increased ratification, implementation and enforcement of international, regional and sub-regional agreements;
- Amend the Convention on Biological Diversity to provide a framework for the establishment of marine protected areas and ecosystem-based management for the oceans and seas beyond national jurisdiction; and
- Develop a framework to address bioprospecting and other activities not specifically regulated by current agreements or institutions to ensure incorporation of relevant environmental obligations and governance principles (for example, the application of the precautionary approach, equity and stakeholder participation).

Institutional

- Encourage IMO and member states to make greater use of existing IMO measures such as Special Areas and particularly sensitive sea areas and to develop new measures, where appropriate, to protect high seas biodiversity and ecological processes;

- Expand the work of the International Seabed Authority to develop regulations beyond exploration and mining in the Area, including the designation of conservation zones and bioprospecting activities, and develop an international regime for deep seabed bioprospecting in areas beyond national jurisdiction based on the principles and objectives of the Convention on Biological Diversity and the UNCLOS;
- DOALOS, in coordination with IMO and FAO to define the ‘genuine link’;
- establish or improve national, regional and global inter-agency coordination and cooperation mechanisms to ensure effective management or control of activities affecting marine biodiversity within and beyond national jurisdiction;
- Better coordination between Conventions and Instruments (for example, the Convention on Migratory Species could identify migratory corridors to be protected by regional fisheries management organizations (RFMOs) and PSSAs);
- Use the Convention on the International Trade in Endangered Species (CITES) to address illegal, unregulated and unreported (IUU) fishing in relation to species of particular concern;
- New RFMOs for exclusively high seas stocks;
- RFMOs to establish protected areas;
- Regional coast-guards;
- A World Oceans Organisation/central authority for environmental management of the oceans;
- A deep sea-bed bioprospecting authority or Global Biotechnology Commission;
- and
- Creation of an Oceans ‘Interpol’.

Science and Research

- IOC to act as a coordination body between the scientific and oceans policy communities;
- Detailed analysis and assessments of current convention regimes including implementation constraints;
- Identification of an appropriate governance regime of bioprospecting;
- Analysis of RFMOs’ implementation and enforcement experiences and constraints;
- Establishment of a Global and Regional Ocean Governance Research Networks to support better informed decision making;
- Establishment of a Global Marine Assessment to include high seas biodiversity issues; and
- Identification of vulnerable marine ecosystems, specifically candidate sites for marine protected areas

Education and Capacity Building

- Better implementation of capacity building obligations in existing agreements;

- Increased training in the legal, science and policy areas related to high seas biodiversity conservation;
- Raising awareness through regional workshops and use of electronic learning tools (particular mention was made of the ‘virtual high seas site’ developed for this workshop);
- Development of a global oceans governance education network;
- Establish effective maritime administrations; and
- Implementation of flagship projects to focus attention on the problems and issues (for example, the effects of marine debris on sea birds and other marine life).

Other ideas

- Development of a Global Oceans Policy; and
- Creation and appointment of a Global Oceans Ambassador.

Next Steps

The workshop was a contribution to the ‘intellectual capital’ necessary to build momentum for change in the way the international community conserves and manages the biodiversity of the ocean commons. Participants were encouraged to identify key related fora in the near and medium term to continue the development of thinking on the types of issues discussed and the actions needed to conserve and manage the unique environment of the high seas and deep oceans.