

## Fish for Thought

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### **Fisheries, International Trade and Sustainable Development**

Initial issues for consideration by a multi-stakeholder policy dialogue, research and information-exchange process

*Natural Resources, International Trade, and Sustainable Development Series*

No. 1

This paper was written by Caroline Dommen, drawing on research carried out by Carolyn Deere for *Net Gains: Linking Fisheries Management, International Trade and Sustainable Development*, IUCN: Washington DC (1999), and consultations with a broad range of experts.

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## Objective of the Fisheries, International Trade, and Sustainable Development programme

The *Fisheries, International Trade, and Sustainable Development* programme aims to inject both the sustainable development and natural resource management perspectives into the debate on trade and fisheries. The ultimate objective of the programme is to make international trade in fisheries supportive of sustainable development.

The programme's main activity will be to convene a series of policy dialogues on fisheries, international trade, and sustainable development which will link processes and actors, and bring together all the different stakeholders' perspectives. Initially the programme aims to facilitate a process in which each stakeholder can move beyond the constraints inherent in his or her position, to enable all participants to step back from particular debates and stand-offs regarding fisheries, trade, and sustainable development-related issues such as subsidies, ecolabelling, or conservation measures. The dialogues, research, and information exchange process will seek to build common understanding and a baseline of shared information, and pave the way for participating stakeholders to seek solutions compatible with the aims of sustainable development by exploring ways to improve resource management while safeguarding the livelihoods of those who depend on fisheries, and ensuring economic growth for developing countries.

In order to support its policy dialogue process, the *Fisheries, International Trade, and Sustainable Development* programme will commission and publish a series of background and discussion papers which will flag issues at the intersection of fisheries, international trade, and sustainable development. These publications will be issued from time to time to present illustrative case studies, to highlight key issues for discussion, or to make available relevant empirical evidence.

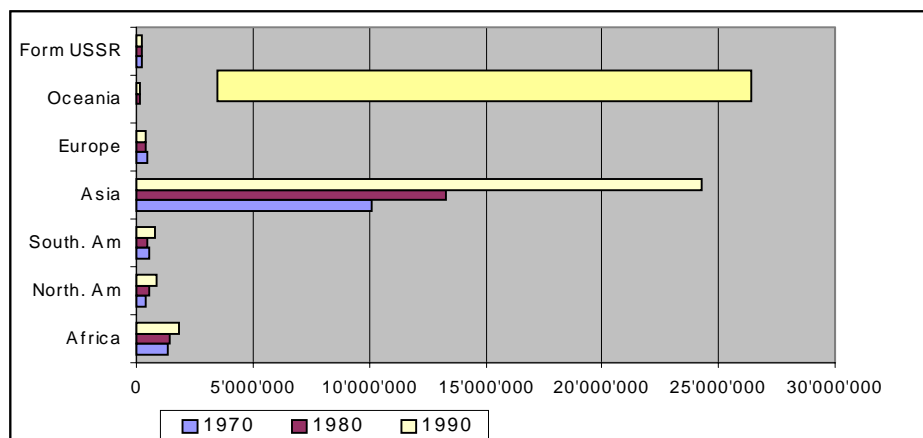
As the first publication in this series, *Fish for Thought* sets out the context in which ICTSD and IUCN have conceived and launched the *Fisheries, International Trade, and Sustainable Development* dialogues process. *Fish for Thought* should also serve as a map, albeit a "map-in-progress" to help focus thinking on some initial key questions at the intersection of fisheries, international trade, and sustainable development. It does not aim to be exhaustive, or to suggest policy options — that is the role of the stakeholders and the policy dialogues process — but rather aims to identify some initial key sustainable development concerns in fisheries trade.

## Some Facts and Gaps About Fish and Trade...

Worldwide, people eat more fish than any other type of animal protein: fish is the primary source of protein for 950 million people and is an important part of the diet of many more. Fisheries are also a source of work and money for millions of people around the globe. Approximately 95 five percent of those earning a living from fisheries are in developing countries.

There is general consensus that an overall decline in world fish stocks has taken place in the past few decades. But despite conflicts among nations over the control of increasingly depleted fish resources, world marine fisheries production has increased from 20 million tonnes in 1950 to over 120 million tonnes in 1997.

**Figure 1 : World-wide employment in the fishing industry for 1970, 1980, and 1990 (estimate)**



The role of international trade in the fisheries sector is significant. In 1996, some 40 percent of the total world production of fish and fish products — worth over US\$52 billion — entered international trade, and this percentage is growing. Fish products are valuable exports for both developed and developing countries. While revenues from fish trade can generate significant benefits, such trade can also generate social and environmental problems. Increased foreign demand for fish products can for instance exacerbate pressure to harvest fish unsustainably, or lead to excessive investment in fishing capacity, which in turn can lead to overfishing and depletion of the resources on which coastal communities in developing countries depend for their nutrition and livelihood.

However even before beginning to explore the issues at the intersection of fisheries, international trade, and sustainable development, we must acknowledge that we lack empirical evidence as to the effects of international trade in fish, fish products, and fisheries services on fish stocks and on marine ecosystems. There is also a lack of knowledge as to the effect on fisheries and marine ecosystems of applying certain trade rules and measures to the fisheries sector. For instance, would proposals under the Accelerated Tariff Liberalisation initiative (ATL — which essentially calls for early conclusion of World Trade Organisation negotiations in a number of sectors including forest and fishery products) contribute to sustainable fisheries?

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Despite the knowledge gaps, the fisheries and trade debate is very much alive today in a number of international fora, most notably the UN Food and Agriculture Organisation (FAO) and the World Trade Organisation (WTO). Yet until now it has been difficult to muster the political support necessary to move the debate forward.

### **...Which Led to Fisheries, International Trade, and Sustainable Development**

Based on this consideration, ICTSD and IUCN are launching a dialogues, research and information exchange process which recognises that:

- there is a need to ensure that sustainable development concerns are taken into account in the fisheries and international trade debate,
- many countries remain sceptical of attempts to harmonise environmental, trade and sustainable fisheries objectives, harbouring strong concerns about market access, competitiveness and protectionism,
- there is an urgent need to shift the parameters of the current debate from a win-lose perspective into a win-win mindset. The process to achieve this should be conducted at the global level and with the involvement of all interested players,

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- at present, there is no specific forum for ongoing discussion of fisheries, international trade, and sustainable development issues that brings together different stakeholders from diverse geographical and professional backgrounds and perspectives. In other words, the absence of a multi-stakeholder, non-threatening environment for discussions may be a factor constraining policy progress on these issues.

Moreover, there is a recognised need for more systematic, applied and sophisticated analyses of international norms, and national rights and obligations, as well as of environmental, social and cultural concerns as they relate to trade rules. A sectoral approach is helpful as a start to such an analysis. Besides the fact that the crisis in world fisheries and the urgency of developing responses to the crisis make the fisheries sector a prime candidate for immediate and focused attention, the fisheries sector incorporates key outstanding issues — including trade, environmental protection, national and community development, imperfect science, complex social system interactions, international commons, and property issues — and thus provides a particularly good lens through which to look at trade and environment issues. It is also an attractive sector to focus on because there

is already some common ground developing between the trade and environment communities — particularly on the need to reduce trade-distorting subsidies that lead to overfishing. As such, there is a small but significant momentum that advocates of sustainable development should be able to capitalise upon to move toward a broader common understanding and goals.

**discussion of sustainability considerations in the fisheries sector is often confused by the use of the word 'sustainable' for different purposes**

To date, discussion of trade issues in the fisheries sector has focussed on:

- market access for developing countries;
- the distributional impacts of international trade, such as impacts on food security;
- the effects of subsidies on fisheries;
- concerns that trade-related environmental measures may constitute disguised protectionism;
- how the mismanagement of fishery resources can lead to trade distortions; and
- fears that trade rules may interfere with or impose constraints on environmental management or conservation efforts relating to fisheries.

Discussion of the sustainability aspects of the international trade and fisheries debate is also constrained by:

- insufficient awareness in the fisheries and conservation communities of the impacts of potential trade flows, and of trade law and policy;
- insufficient awareness of fisheries and related natural resource management issues in the trade community;
- reluctance on behalf of governments to discuss conservation efforts that may affect domestic fishing communities, domestic industry competitiveness or access of their products to foreign markets;
- inadequate analysis of the conservation and sustainable development aspects of the trade-fisheries nexus;
- lack of empirical evidence of the effects of trade flows in fish, fish products, and fish services on sustainable fisheries and marine ecosystems;
- lack of empirical evidence of the effect on fisheries and marine ecosystems of the potential application of trade rules and measures, such as tariff or subsidies reductions; and
- lack of knowledge about the structure of fisheries markets, and of the links between market structures, prices, trade liberalisation and sustainability issues.

**Natural Resources, International Trade, and Sustainable Development**

The concept of “sustainable development” achieved prominence in the Brundtland Commission's *Our Common Future*<sup>1</sup> and in the process leading to the 1992 UN Conference on Environment and Development, held in Rio. Sustainable Development was subsequently singled out as one of the objectives of the World Trade Organisation when it was created. Sustainable development challenges the system to reconcile trade objectives with broader environmental, social, and cultural imperatives, and also raises concern as to the issue of what constitutes effective and legitimate development, rather than measuring development in narrow terms of economic growth.

Discussion of sustainability considerations in the fisheries sector is often confused by the use of the word 'sustainable' for different purposes. The goal of sustainable use of fish resources focuses on the fish stock itself. The goal of sustainable fisheries management tends to incorporate a broader concern

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<sup>1</sup> World Commission on Environment and Development (1987) *Our Common Future*, Oxford University Press: Oxford, UK.

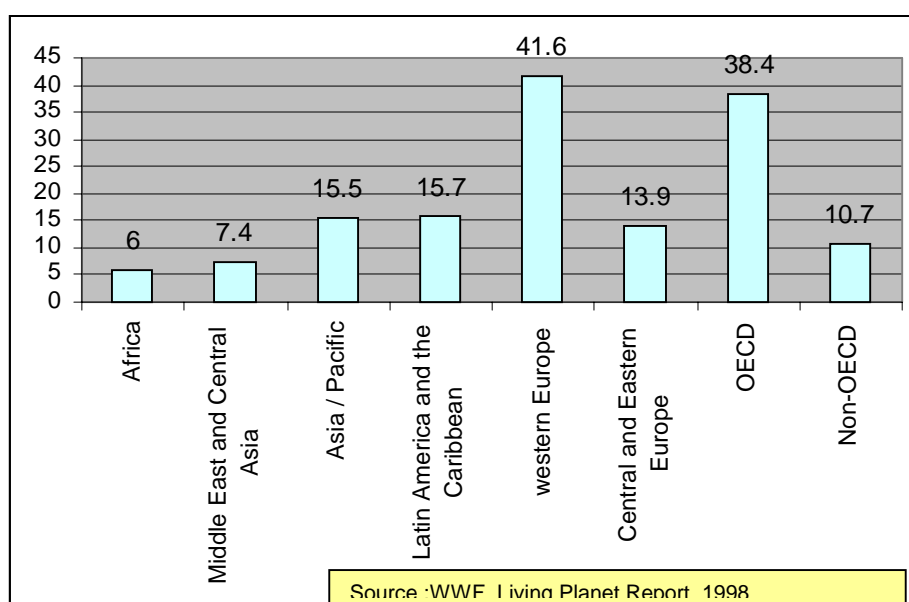
for the health not only of the fish stock but also of the surrounding marine biodiversity and ecosystems. Unfortunately, sustainable fisheries management places more emphasis on gathering data on a species-by-species basis than on an ecosystems basis. In addition, meeting the goals of sustainable development in the fisheries sector requires that fisheries management decisions take into consideration the economic, social and cultural needs of fisheries-dependent communities, as well as the need of developing countries to maintain revenues from trade that are necessary for development.

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Several other key points arise at the intersection of the trade, environment, and sustainable development debate when thinking about fisheries:

- the effects of trade flows on the environment are not always readily identifiable since to a great extent they manifest themselves indirectly through impacts on levels and patterns of production and consumption;
- trade and environment issues cannot properly be addressed in isolation from broader development and sustainable development questions;
- effective environment and natural resource management policies must be in place in order to ensure that trade and trade liberalisation contributes to effective resource allocation and sustainable development
- there is an imbalance between the relative strengths of the global trade regime and the global environment and sustainable development regimes;
- assessments of trade and trade liberalisation should identify both the positive and negative environmental and social effects of specific trade measures such as the removal of trade restrictions or distortions;
- trade rules may have a potential role in strengthening development efforts;
- trade rules may be sought to be used with the aim of enforcing conservation and resource management policies, domestically or extra-territorially; and
- civil society has an important role to play in international discussions where trade, conservation and sustainable development issues intersect: when a diversity of perspectives are engaged in real dialogue, better policies emerge.

**Figure 2 : Consumption by region. Kilograms per person per year, 1995 data**



## Causes of the Global Fisheries Crisis

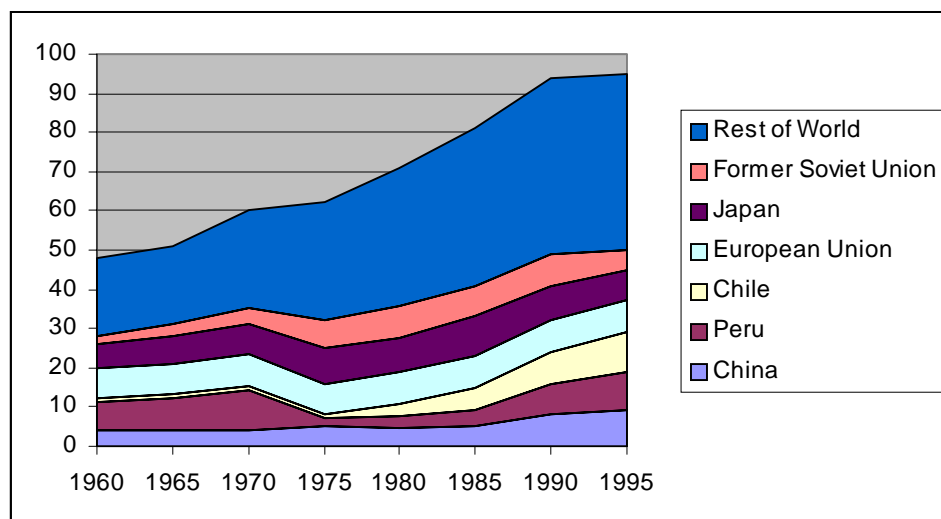
It is generally agreed that the main cause of the global fisheries crisis is poor management of fish stocks. In an ideal world, fisheries would be subject to effective management regimes, including conservation regulations and incentives for responsible fishing that would ensure that fishing is kept at a level consistent with productive fisheries, healthy marine ecosystems, and the livelihoods of those who depend on fish and fish products. In the real world, management of fisheries has tended to be notoriously ineffective. The improvement of fisheries management and marine conservation efforts is a sine qua non for sustaining the productivity of the world's fisheries as well as conserving marine ecosystems and biodiversity.

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Many factors hamper efforts to improve fisheries management. One of the key factors is that most fisheries management regimes fail to adequately address the problem of open access to fishery resources. Even where management regimes do strive to limit access, the limits are often not tight enough or are poorly enforced. Another factor is the difficulty in calculating the sustainable rate of use of fish stocks. Scientific uncertainty or disagreements concerning stock fluctuations and recovery rates for instance, or lack of adequate technical or financial capacity to carry out scientific research, stock assessments or economic analyses of management regimes contribute to this difficulty. Other factors hampering effective fisheries management are the pressure on many governments from fishing communities and industry to maintain access to fisheries and high fish catch quotas, the lack of a single universal solution to fisheries management problems, the cost of monitoring and enforcement of fisheries management regimes, and perverse economic incentives structures. For some countries, economic and social objectives with short- to medium-term benefits outweigh sustainable development objectives. Some developed countries are particularly irresponsible as they over-subsidise and do not properly regulate the activities of their distant water fishing fleets.

Further research is needed to identify cases where trade or trade rules contribute directly to unsustainable fisheries management, and how this occurs, and to identify cases where trade and trade rules can contribute to more effective management. Even in cases where trade is a cause of overfishing, addressing the trade aspect of the problem may not necessarily be the best way to a solution.

**Figure 3 : Production by major country / Region. Million tonnes per year, 1961-1995**



Source : WWF, Living Planet Report, 1998

Three of the world's major fish exporting countries, Norway, New Zealand and Iceland,<sup>2</sup> are considered to be at the leading edge of sustainable fisheries management. This shows that fisheries trade and sustainable management are not incompatible. Management regimes might improve if the right incentives were present. In this context one might consider the following questions, bearing in mind their trade aspects:

- how can we ensure that the price consumers pay for fish and fish products reflects the social and environmental cost of such products?
- what can be done to address the perverse incentives and economic necessities that lead to overfishing?
- how can we stimulate greater political commitment to effective fisheries management at the national level?
- how can we eliminate excess fishing capacity (by reducing or eliminating distortionary subsidies, for instance) in order to bring about necessary reductions in overfishing?
- how can we generate alternative income and employment opportunities for affected fishing communities? and
- how can we ensure that commitments made by industrialised countries to provide financial, technical and scientific assistance to developing countries to help them meet international environmental obligations - such as those provided for by the 1992 Convention on Biological Diversity or by the 1982 UN Convention on the Law of the Sea - are effectively met?

**Fisheries, International Trade and Sustainable Development: Tensions and Synergies**

The percentage of fish production that enters international trade currently stands at approximately forty percent, and is increasing. International trade in fish, fish products and fisheries services plays a vital role in the export and development strategies of many countries, particularly developing countries, and provides an important source of income for fishing communities in both developed and developing countries. Developing countries are the main exporters of fish products while developed countries are the key importers, so developed countries' trade policies can have a great impact on developing countries, given the latters' dependence on income from exports to developed countries.

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In volume terms, international fisheries trade is dominated by a few important fish products, especially shrimp (both cultured and wild), tuna, and fishmeal and fishoil. Some fish species (such as live reef fish, or southern bluefin tuna) are highly traded, even if, in volume terms, trade in that species does not play a major role in total international trade in fisheries products. International trade in the fisheries sector encompasses not only trade in fish products but also in fisheries services (including chartering of vessels, and access rights).

| <b>Table 1: Share of Major World Markets in Total International Fish Trade (1994)</b> |           |           |
|---|-----------|-----------|
|   | Imports % | Exports % |
| Developing Countries  | 15        | 51        |
| EU  | 33        | 19        |

<sup>2</sup> The success of Iceland's fisheries management system is attributed to the fact that it is based not only on rigid ecological requirements, but on economic efficiency; the system is market-driven, and free from government subsidies.

| <b>Table 1: Share of Major World Markets<br/>in Total International Fish Trade (1994)</b> |           |           |
|---|-----------|-----------|
|   | Imports % | Exports % |
| United States   | 14        | 7         |
| Japan   | 31        | 2         |
| Others  | 7         | 22        |

Source: FAO, 1997.

While some observers — particularly those from the environmental or conservation communities - fear that increased trade in fisheries will mean increased resource use and therefore increased overfishing, other observers state that increased trade can bring in increased financial resources that would enable a country to implement sustainable management programmes. With a very few exceptions relating to specific cases, current knowledge does not allow us to draw conclusions as to the accuracy of either statement. One must nevertheless acknowledge that very real fears and beliefs exist about perceived tensions or synergies between international trade in fish, fish products and fisheries services and sustainable development. Some frequently raised issues are presented below.

The issue of subsidies is probably the trade aspect of fisheries that has received the most attention to date, both in the literature and in international and regional policy-making fora. Within the World Trade Organisation (WTO), several countries have pointed to the potential win-win-win situation that could follow from removing subsidies that contribute to fishing overcapacity: removing such subsidies would be beneficial for sustainable development, trade, and the environment. Some subsidies in the fisheries sector can however be beneficial both for fish stocks and the livelihoods of fishing communities, and one should distinguish between these and other trade-distorting subsidies. A number of States (including Australia, Peru, the Philippines and the U.S.) have proposed setting up a WTO group to examine subsidies that contribute to overcapacity in the fisheries sector. Although there is a body of research on subsidies in the fisheries subsidies, there are still analytical gaps that need to be filled in.

Members of the Asia-Pacific Economic Co-operation Forum (APEC) have proposed early conclusion of WTO negotiations (Accelerated Tariff Liberalisation (ATL) initiative)<sup>3</sup> in a number of areas, including fisheries. Many environmentalists have reacted angrily to this proposal saying that this initiative would lead to increased trade and thus increased overfishing. Further study is required to assess the economic, environmental and social costs and benefits this and other similar trade liberalisation proposals, such as those to reduce tariff peaks on fish and fish products.

Different voices have raised the need to address obstacles to imports of fisheries to particular markets. The effect of these obstacles on fish stocks and on sustainable development needs to be considered on a case-by-case basis. Japan, for instance, argues that import controls on fish may be the only effective means of influencing allocation of fishing effort in poorly controlled fisheries. Although this trade measure as applied by Japan does indeed seem to achieve its stated aim, it may need further analysis.

***fisheries access agreements have been an important source of revenue to many developing countries, but these agreements have also had negative effects on fish stocks, livelihoods, and possibly on long-term development prospects***

Several developing countries have criticised importing countries' strict or changing sanitary, phytosanitary, and technical standards which hinder developing countries' potential to derive income from exports of fish and fish products. The debate about what to do when these standards do legitimately aim to protect a fish species or the environment is one that is currently very lively, as

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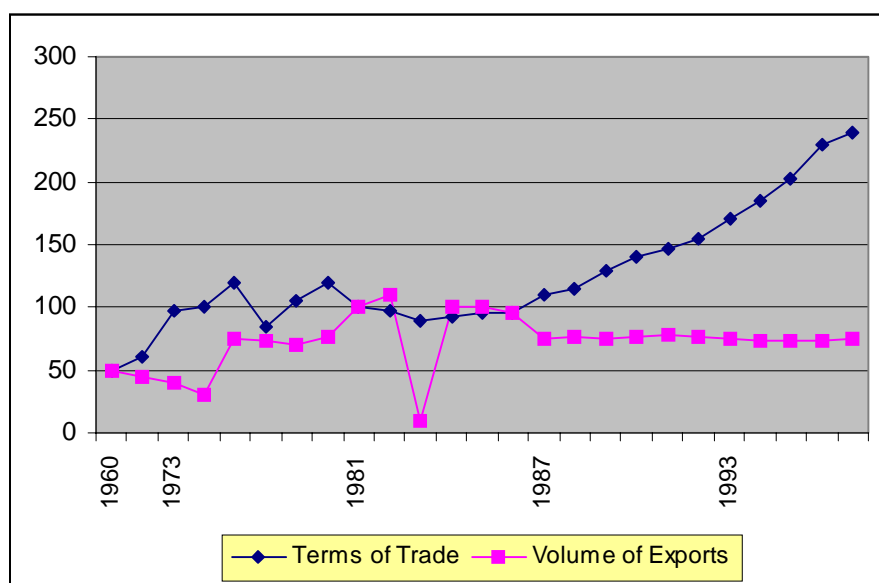
<sup>3</sup> APEC members Japan and Korea do not support the idea of including fisheries or forestry into the ATL initiative. They have made a separate proposal to set up a WTO negotiation group on fishery and forestry products, saying that these products perform important social and environmental functions and are by their nature, susceptible to quick depletion when coordinated efforts to conserve them are absent.

evidenced by the reactions to the WTO Appellate Body decision in the Shrimp-Turtle case.<sup>4</sup> This issue and that of other trade-related environment measures — including how the WTO should deal with processes and production methods (PPMs), multilateral environmental agreements (MEAs), and regional fisheries management organisations (RFMOs) — will need further analysis and discussion in the context of the fisheries, international trade, and sustainable development debate.

Some environmental groups advocate using trade as a lever through which consumers can demand well-managed and sustainably harvested fish. Consumer boycotts of unsustainably produced fish, ecolabelling and certification are examples of such demand-led measures. Many observers in the trade and sustainable development communities are concerned that these proposals may be disguised protectionist measures, or incompatible with international trade rules. Discussions about fisheries, international trade, and sustainable development will also need to address the possible conflicts between such trade-related conservation objectives and trade rules, as well as the desirability of pursuing trade measures provided for by multilateral environmental agreements such as the 1973 Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES).

**Figure 4 : Volume of Exports and Terms of Trade of developing Countries, 1960-1996**

1980=100



Source : Adapted from data in UNCTAD, 1999, Handbook of International trade Statistics

Note : Data are based on 175 developing countries. The table shows the movement in developing countries purchasing power from trade (i.e. how many imports can be bought with revenue from exports) since 1960

Another area of fisheries and international trade on which a body of literature exists is that of fisheries access agreements between the European Union and developing countries. While these agreements have been an important source of revenue to the developing countries involved, the agreements have also had negative effects on fish stocks, livelihoods, and possibly on the long-term development prospects of most of the countries involved. One question that arises in this context is whether fisheries access agreements can be considered “services” that should be subject to the General Agreement on Trade in Services (GATS)? Another question is how to ensure that developing countries derive the full potential benefits of fisheries access agreements deserves consideration. The Namibian and Moroccan cases have shown that fisheries access agreements with the EU can be improved. Namibia has entered into fisheries agreements with the EU based on its own national

<sup>4</sup> United States — Import Prohibition of Certain Shrimp and Shrimp Products, complaint by India, Malaysia, Pakistan and Thailand. Appellate Body decision circulated to Members on 12 October 1998. See WTO document WT/DS58.

requirements, and has increased employment in the fisheries sector and increased tax revenues while reducing Total Allowable Catch rates with a view to promoting stock recovery.

Developing countries make regular calls for better application of trade and aid measures in favour of developing countries such as the Special and Differential Treatment provisions agreed to in the context of the WTO. Application of these measures could ease pressures on fisheries if more revenue could be derived from exports of other products or of value-added goods. Such provisions could also have positive effects on sustainable development if they allow developing countries to preserve sufficient policy space to have latitude in their choice of economic tools regarding fisheries conservation, including incentive measures. In this context, discussions about fisheries, international trade, and sustainable development will likely also need to consider new measures that can be taken to facilitate developing countries' capacity to participate in legitimate environmental protection measures without compromising national development goals.

### Areas for Further Research

The above overview has shown that there are still many gaps in our knowledge about fisheries, international trade, and sustainable development. In addition to the issues identified above, the following issues deserve further elaboration and analysis and could usefully be put on to the agenda of a series of multi-stakeholder dialogues on fisheries, international trade, and sustainable development:

- the structure of fisheries markets, including aspects such as the level of competition or concentration among buyers and sellers, trends in income earned by different actors within the sector, and the way in which prices for fishery products are determined;
- the links between market structures, prices, trade liberalisation and sustainability issues, for instance through analysis of trade flows by country and fish stock, the relationship of these flows to the evolution of prices for different products, or the impact of different tariff rates or other trade-related measures on the price of fish and as well as supply and demand for fish and fish products;
- the potentially positive role of economic instruments such as tradeable quotas to eliminate overfishing, achieve economic efficiency and compensate those who depend on fisheries for their livelihood;
- the impact of private and public debt and debt servicing obligations on overfishing and on efforts to reduce fishing capacity;
- possible legislative frameworks that would improve compliance with international fishing agreements and management measures without interfering with trade;
- design and implementation of mechanisms to protect an open trade system from distortions while simultaneously contributing to better management of fish stocks, and overall food security;
- growth in foreign direct investment in the fisheries sector and whether it would benefit developing countries and small-scale fishing communities, and of whether multilateral negotiations on investment might help or hinder improved fisheries management;
- exploration of the potential role for, and impacts of, regional trade agreements in the fisheries sector (e.g. North American Free Trade Agreement (NAFTA), Southern Cone Common Market (Mercosur), Asia-Pacific Economic Co-operation Forum (APEC), and the Southern African Development Community (SADC);
- exploring possibilities for trade-related policies that would encourage the gradual shift of the industry to more environmentally-friendly methods of production, processing and commercialisation as well as trade in higher value-added fisheries products and more equitable distribution of the costs and benefits of international trade;
- defining international participatory institutional mechanisms that would promote free and adequate information flows among concerned communities, as well as balanced and multi-disciplinary approaches to trade, multilateral environmental agreements and sustainable fisheries management issues and agreements.

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World Resources Institute — <http://www.wri.org/>

World Trade Organisation (WTO) — <http://www.wto.org/>

Worldwide Fund for Nature/World Wildlife Fund (WWF) — <http://www.wwf.org/>

## ICTSD

The International Centre for Trade and Sustainable Development (ICTSD) was established in Geneva (Switzerland) in September 1996 to contribute to a better understanding of development and environment concerns in the context of international trade. It fosters sustainable development as the objective of international trade policy-making and participatory decision-making in the design of trade policy. ICTSD promotes the interests and activities of the non-governmental community in trade and sustainable development and endeavours to make international policy-makers and trade officials aware of the NGO community's work on trade, development and environment. ICTSD's programme focuses on the facilitation of multilateral cooperation and multi-stakeholder approaches through objective information dissemination, policy dialogues and research support. By enabling, facilitating and supporting communication and relationships between the actors, ICTSD promotes harmonisation of trade policy and sustainable development. ICTSD is non-partisan on issues and represents no particular constituency. The Centre receives funding from governments, inter-governmental and non-governmental organisations and private foundations. ICTSD is the publisher of BRIDGES Between Trade and Sustainable Development<sup>®</sup> and of BRIDGES Weekly Trade News Digest<sup>®</sup>. ICTSD also publishes "PUENTES *Entre el Comercio y el Desarrollo Sostenible*" in collaboration with Futuro Latinoamericano (Quito), and "PASSERELLES *entre le commerce et le développement durable*", in collaboration with ENDA Tiers Monde. (Dakar).

## IUCN

Founded in 1948, IUCN-The World Conservation Union brings together States, government agencies, and a diverse range of non-governmental organisations in a unique world partnership of over 880 members spread across 133 countries. As a Union, IUCN seeks to influence, encourage and assist societies throughout the world to conserve the integrity and diversity of nature and to ensure that any use of natural resources is equitable and ecologically sustainable. A central secretariat co-ordinates the IUCN Programme and serves the Union membership, representing their views on the world stage and providing them with the strategies, scientific knowledge and technical support they need to achieve their goals. Through its six Commissions, IUCN draws together over 6,000 expert volunteers in project teams and action groups, focusing in particular on species and biodiversity conservation and the management of habitats and natural resources. Operations are increasingly decentralised and carried forward by an expanding network of regional and country offices, located principally in developing countries. IUCN builds on the strengths of its members, networks and partners to enhance their capacity and to support global alliances to safeguard natural resources at local, regional and global levels.

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FISHERIES today are in crisis: two-thirds of the world's marine fish stocks are fished to their limit or beyond sustainable levels. Hundreds of millions of people worldwide depend on fisheries for their livelihood or income. Trade in fish, fish products, and fish services is a major source of income for many developing countries. 40 percent of fish and fish products enter international trade which suggests that trade can play a role in the fisheries crisis. Whilst empirical knowledge about how trade does or can play a role in the fisheries crisis is scant, the fisheries and trade debate is alive in a number of national and international fora including the World Trade Organisation and the UN Food and Agriculture Organisation.

***Fish for Thought*** seeks to highlight some of the key considerations at the intersection of trade, fisheries, and sustainable development. It highlights key issues, sets out questions for initial consideration, and draws attention to areas needing further research and elaboration.

***Fish for Thought*** is provided as the first product of an ICTSD-IUCN programme on fisheries, international trade, and sustainable development. It aims to inject both the conservation and the sustainable development perspectives into the debate on trade and fisheries, and ultimately seeks to facilitate policy outcomes that ensure that international trade in fisheries is supportive of sustainable development.

The programme's main activity will be to link processes and actors by convening and supporting a process of policy dialogues, research, publications, and information exchange on fisheries, international trade, and sustainable development. This process will bring together all the relevant actors, including policy-makers working on international trade-related issues, on development policy, and on international environmental questions, as well as industry representatives, fisheries managers, representatives of the environmental community, and fishworkers organisations.