

April 2008



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y la  
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## EUROPEAN INLAND FISHERIES ADVISORY COMMISSION

### TWENTY-FIFTH SESSION

Antalya, Turkey, 21–28 May 2008

## PROSPECTUS OF THE SYMPOSIUM ON INTERACTIONS BETWEEN SOCIAL ECONOMIC AND ECOLOGICAL OBJECTIVES OF INLAND COMMERCIAL AND RECREATIONAL FISHERIES AND AQUACULTURE

The European Inland Fisheries Advisory Commission (EIFAC) is organizing an international symposium on “Interactions between social, economic and ecological objectives of inland commercial and recreational fisheries and aquaculture” between 21 and 24 May 2008 in connection with its 25th Session in Antalya, Turkey.

### Background and rationale

Sustainability is at the core of efforts to develop and manage inland fisheries (i.e. commercial and recreational) and aquaculture in Europe. Sustainability in this context includes social, economic and ecological (or more broadly environmental) aspects, which are shaped by functioning governance structures and management institutions. Previous EIFAC symposia have shown that in many cases sustainability is not viewed from all these three aspects in an integrated manner.

The FAO Code of Conduct for Responsible Fisheries and the EU strategy for the sustainable development of European aquaculture and inland fisheries all recognize that the sector should take an approach where farming and fisheries technologies, social and economic issues, natural resource use, biodiversity conservation and governance are integrated to enhance sustainable management.

- Interactions between social, economic and ecological objectives of inland fisheries and aquaculture are numerous, and include amongst others:
- Improvement in ecological status of rivers, lakes and other water bodies
- (Re-)stocking for commercial and recreational fisheries
- Recovery and conservation of depleted/threatened stocks
- Collection of fish from the wild for aquaculture
- Harvesting by commercial and recreational fisheries for human consumption
- Catch-and-release recreational fishing
- Employment and income generation by capture fisheries and aquaculture

- Pollution of inland water bodies by aquaculture
- Escapes of fish from farms and introduction of alien species
- Increase of eutrophication through water discharge from farms or other sources
- Harvesting of protected species
- Conflicts between resource users, non-users and interest groups, and competitiveness of the sector compared to other sectors
- The role of fisheries within society and in cultural and religious traditions, and
- Enactment of new and enforcement of current policies, and decisions on water use.

Interactions between social, economic and ecological objectives are particularly relevant considering the ongoing shift from a dominance of commercial towards recreational fisheries. This raises issues of economic rent, angling tourism, ethics of exploitation and competing objectives between biodiversity conservation and expansion of recreational fishing opportunities. A Seminar organized by the European Association of Agricultural Economists (EAAE) on the “Economics of aquaculture with respect to fisheries<sup>1</sup>” (Civitavecchia, December 2005) showed there is a great need to explore these interactions further to identify appropriate solutions that balance private and public use of goods now and in the future.

Similarly, the General Fisheries Commission for the Mediterranean/ADRIAMED organized an Expert Consultation in Rome (November 2003) on “Interactions between aquaculture and capture fisheries<sup>2</sup>”. That consultation highlighted the importance of interactions between capture fisheries and aquaculture in terms of impact on biodiversity, restocking of depleted stocks, space and water competition, marketing and the livelihoods in fishing communities with particular emphasis on the Mediterranean area. Unfortunately, the discussions on this subject have mainly focused to the marine environment and inland fisheries have received little attention. This symposium will address this gap.

This issue is particularly relevant in inland waters in Europe because of obligations under the EU Water Framework and Bird- and Habitats Directives. Conflicts could potentially arise within the fisheries and aquaculture sectors because of needs to protect biodiversity and improve the ecological status of waters. Resolution of such conflicts will be fundamental to the outcome of this symposium.

### **Objectives of the Symposium**

The principal aim of the symposium is to provide a forum for those working on specific socio-economic and ecological aspects of inland fisheries and aquaculture in Europe (including researchers, natural and social scientists, environmental scientists, fisherfolk, aquaculturists, economists, planners, government officials, NGO representatives, and other stakeholders), to review the interactions between socio-economic and ecological objectives in fisheries and aquaculture, exchange experiences and discuss solutions to imbalances in sustainable development and management of the sector.

The specific objectives of the symposium will be:

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<sup>1</sup> “The Economics of aquaculture with respect to fisheries” Proceedings of the 95<sup>th</sup> EAAE Seminar, Civitavecchia (Rome), Italy, 9-11 December 2005. K.J. Thomson and L. Venzi (eds), November 2006.

<sup>2</sup> “Interactions between aquaculture and capture fisheries: a methodological perspective”. *Studies and Reviews. General Fisheries Commission for the Mediterranean*. No. 78. Rome, FAO. 2005. 229p Cataudella, S.; Massa, F.; Crosetti, D. (eds.) <http://www.fao.org/docrep/009/a0141e/A0141E00.htm#TOC>

- To review the wide range of socio-economic and ecological interactions between fisheries and aquaculture and the roles of various stakeholders with respect to these interactions.
- To identify where future research should focus and propose measures to decrease interactions that compromise sustainable development and management, and promote interactions that contribute to sustainability.
- To provide information to policy and decision makers to contribute to the general awareness of trends in socio-economic and ecological interactions within and between the sector and other rural sectors.
- To facilitate dialogue between scientists, researchers, fisherfolk, aquaculturists and policy and decision makers on the motives, interactions and interests of stakeholders.
- To advise EIFAC on appropriate management and development measures and tools for inland fisheries and aquaculture in Europe.

### **Themes**

The symposium will examine interactions, in accordance with the following four thematic areas:

Ecological interactions (including among others, rehabilitation of aquatic systems, pollution, global warming overexploitation, species introductions, restocking of inland water bodies for fisheries and extensive culture, use of natural stocks for aquaculture production, organic and inorganic waste, organic aquaculture, use of fish to feed fish, aquatic animal health issues, utilization of chemicals, therapeutants and hormones). Competition for resources between commercial fisheries, recreational fisheries and aquaculture and with other resource users will be one of the key issues under this theme.

Economic interactions (issues might include among others markets and market opportunities, equity issues, income issues, recreational fisheries evaluation, opportunity costs of resource use, value of natural common property resources)

Social interactions (employment and gender issues, alternative uses of resources, cultural aspects of resource harvesting and consumption, stakeholder participation in integrated planning)

Governance interactions (including latest developments with regards to the EU Water Framework and Habitats Directives, forthcoming policy regulations, directives and management plans, codes of practices and guidelines, competition between stakeholders for allocation of public and common-property-goods, legislation and zoning, conservation areas).

### **Organization**

The symposium will be organized in 5 sessions. Each of the first four sessions will begin with a 15-minute review paper by the session chair synthesizing the material presented. This will be followed by 15-minute presentations by each of the authors of selected papers. After each paper there will be time for 5 minutes discussion. The symposium will be organized differently from recent EIFAC symposia, as there will be a workshop-type discussion at the end of the presentations of each session. This discussion will be used to formulate advice on research priorities, policy advice and guidelines.

The fifth session will be used to finalize the conclusions, advice and recommendations to the 25th EIFAC session, which will follow the symposium.

Persons are also encouraged to present Poster papers, which will form an integral part of the information base for formulating conclusions.

The symposium will be held in close collaboration with NACEE, EAS and fisheries agencies within the EIFAC membership area.

EIFAC does not have the financial means to fund travel and participation of those attending the symposium. However, through co-sponsorship and partnership with other organizations and institutions, the costs involved in attending the symposium will be kept to a minimum.

### **Sessions**

Session 1: Ecological interactions

Session 2: Socio-economic interactions

Session 3: Societal, cultural and other interactions

Session 4: Policy-, legal- and regulatory frameworks

Session 5: Conclusions and recommendations to the EIFAC 25th session

### **Venue**

The symposium will be held in the Porto Bello Hotel Beach & Resort in Antalya- Turkey. Information about the hotel can be found at:

<http://www.portobello.com.tr/>

Name of the Hotel:	Porto Bello Hotel Beach & Resort
Address:	Akdeniz Bulvarı 6.Sk. Konyaaltı / Antalya
Phone:	0 242 259 40 41 (30 Lines)
Fax:	0 242 259 24 47
	<a href="mailto:reservation@portobello.com.tr">reservation@portobello.com.tr</a>
E-mails:	<a href="mailto:salesmng@portobello.com.tr">salesmng@portobello.com.tr</a>
	<a href="mailto:info@portobello.com.tr">info@portobello.com.tr</a>

For participants (and their families) in the EIFAC symposium and 25th Session (period 20-29 May 2008) the hotel applies the following special rates:

- Single room (Bed & Breakfast): 60 €
- Double room (Bed & Breakfast): 80 €
- Single room (All inclusive): 82.5 €
- Double room (All inclusive): 110 €

Children 0-6 years (can stay free of charge)

Children 7-12 years (50% discount)

For information, the all inclusive concept includes:

- Foods: Buffet style breakfast, late breakfast, lunch and dinner, late snack, afternoon coffee break
- Beverages: All local drinks and mini-bar from 10:00 a.m to 01:30a.m
- Activities: Open-air swimming pool, indoor pool, sauna, Turkish bath, Jacuzzi, fitness center, table tennis, tennis court, beach volley, sportive activities in the morning, live music etc.

Reservations must be made directly with the hotel. Payments will have to be made by participants themselves, directly with the hotel.

**Pick up service at airport**

Please inform the chairperson of the symposium of your flight schedule, so airport transfers (on the 20th and 24th of May only) can be provided to you free of charge.

**EIFAC**

For more information on EIFAC, its working groups, sessions and symposia, please visit the EIFAC website: <http://www.fao.org/fi/eifac.htm>

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