

UPDATED PROSPECTUS



EUROPEAN INLAND FISHERIES ADVISORY COMMISSION (EIFAC)

**SYMPOSIUM ON
INTERACTIONS BETWEEN SOCIAL, ECONOMIC AND
ECOLOGICAL OBJECTIVES OF INLAND COMMERCIAL AND
RECREATIONAL FISHERIES AND AQUACULTURE**

(Antalya, Turkey, 21-24 May 2008)

UPDATED PROSPECTUS AND SECOND CALL FOR PAPERS

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 fisheries¹” (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 fisheries²”. 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,

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

² “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>

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:

- 1) 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.
- 2) 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.
- 3) 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.
- 4) To facilitate dialogue between scientists, researchers, fisherfolk, aquaculturists and policy and decision makers on the motives, interactions and interests of stakeholders.
- 5) 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:

- 1) **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.
- 2) **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)
- 3) **Social interactions** (employment and gender issues, alternative uses of resources, cultural aspects of resource harvesting and consumption, stakeholder participation in integrated planning)
- 4) **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)

Second Call for papers

By 30 November 2007 already some 60 abstracts were received; including many of high quality! Written contributions and presentations are however still invited within any of the above listed broad themes. Although the conference is related to experiences within EIFAC member countries, experiences from elsewhere in the world are encouraged to provide a broad overview of issues and solutions. Original research is also welcome as long as it focuses on interactions and integrated perspectives. Inter-active discussion during the symposium will lead to major statements embracing the entire context and the needs for future of research into the interactions between socio-economic and ecological objectives of inland capture fisheries and aquaculture in the EIFAC region, and how it can influence policies in other regions. Anyone wishing to present a paper or poster should submit by e-mail or fax a title and abstract (not exceeding 150 words) by **15 January 2008 (NEW- EXTENDED DEADLINE !!!)** to the Technical Secretary of EIFAC Sub-Commission IV – Socio-economic issues, Sub-Regional Office for Central Asia (FAOSEC), FAO, Ankara, Turkey. E-mail: Raymon.vanAnrooy@fao.org; Fax: (+90)-312-3271705. **Some guidance to authors wishing to submit an abstract, paper or poster is provided in the annex of this prospectus.**

Papers will be accepted in English and French, the official languages of EIFAC, but no interpretation will be provided. The Scientific Steering Committee of the Symposium will review all abstracts in relation to the objectives and themes of the Symposium and the authors will be informed of the outcome within 6 weeks of the final date of submission of the abstracts. Successful authors must submit a draft paper not later than **28 February 2008**.

Selected papers that address the theme of the symposium and are of an appropriate standard will be published in a special issue of the Blackwell Science journal *Fisheries Management and Ecology*. Guidelines for authors can be found on www.blackwellpublishing.com/fme. All presented papers will also be published in the new series of FAO Fisheries Proceedings, which will include a CD-Rom with PDF versions of the presentations at the symposium (after agreement from the author).

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/eng/index.html>

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
E-mails	: reservation@portobello.com.tr : salesmng@portobello.com.tr : info@portobello.com.tr

This excellent hotel is using the all-inclusive concept, which means that breakfast, lunch and dinner are all included in the price.

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

For reservations made before 1 February 2008:

Single room (Bed & Breakfast): 48 €

Double room (Bed & Breakfast) 60 €

Single room (All inclusive): 65 €

Double room (All inclusive) 90 €

For reservations made after 2 February 2008:

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 and fun in the night

Extra: A la Carta Restaurant, phone, laundry, massage rooms, beauty parlor, tennis equipments, water sports, room service, fresh fruit juices, exported drinks, rent a car, doctor, baby sitter, SPA center.

Reservations can be made directly with the hotel. Payments will have to be made by participants themselves; to be arranged directly with the hotel. 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.

Participants preferring to stay at another hotel will be required to make their own arrangements with the Porto Bello hotel in case they would like to have lunch and dinner at the hotel during the days of the symposium.

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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ANNEX

Guidance for Abstract Submissions

Please use Times New Roman 12 font, typed single spaced, keep all margins 2.5 cm. Title should be typed in small letters (except first letter) and bold. Author(s) initials and last name (no title nor degree) must be given under the title with capital letters. The name of the presenter should be underlined if there is more than one author. Title, author's name and address should be centered. Single spaces are needed between title and author(s) name, single space between name and institution and double space between address and abstract text. Abstract text should be justified. Three to five keywords should be given. Abstracts must be saved as a Word document. Correspondence author of the presentation should be given as a footnote with the postal address and e-mail address. For both oral and poster presentations, a one-page abstract (but not exceeding 250 words) should be submitted before **January 15, 2007 (NOTE - EXTENDED DEADLINE!!!)**.

Abstracts may only be submitted by e-mail, as an attached file, to the following address: Raymon.vanAnrooy@fao.org. **Please specify the type of presentation you wish to make oral or as a poster.** Papers based on original work and/or review and not published elsewhere only will be accepted.

Guidance for Poster Preparations

The maximum size of the poster should be 125 cm x 125 cm. The title of the poster should be descriptive. Font size (e.g. 72 point) of title should be sufficient that it can be read from 3 m. A font size between 18 and 24 point is recommended for the main colon of poster to be read from 1 m. The other parts of text (such as references) may be smaller (but not smaller than 14 point). Posters should include figures that illustrate key methods, findings or examples from the study. All text within figures, graphs, charts and tables should be large enough to be read from 1 m. It is recommend to write the poster for a general audience as people from many different backgrounds attend the EIFAC Symposium. It is not recommend to include the abstract on your poster.

Updates, Replacements and Corrections

You can make changes or corrections to an abstract submitted until the abstract submission deadline. No modifications, including author and affiliation changes are allowed after February 15, 2008.

Abstract Sample

The investigations on the fishing of the exotic Pacific mullet (*Mugil so-iuy*) caught on the Black Sea Coasts

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Abstract Pacific mullet (*Mugil so-iuy*) is an exotic specie for the Black Sea. It starts to appear on the Black Sea Turkish coastline in May, when the sea temperature is around 16-17 °C. The specie yields a high catch during the period between May 15 and July 15. This is also the period during which egg-bearing fish draw closer to coastal waters and lay their eggs. These fish which draw closer to the coast at the start of reproduction are caught by fishermen by means of nets called “snail” nets. The catch per unit effort (CPUE) of these nets is 31.2±23.4 kg/boat/day. The immature fish rate has been estimated respectively 35.2% and 23.0% for 2002-2003 in the landing catch.

Catching the pacific mullet, which is a species new to the ecosystem in the Black Sea also exerts a heavy pressure on egg-bearing individuals due to the concentration of catching during the reproductive period of the species. This pressure should be relieved. The minimum fishing size of 35 cm stipulated for pacific mullet by the ministry conflicts with the first maturing length of the species (40 cm). The minimum catching length of this species should be increased to 45 cm and should be permitted to its catching 15-20 days at the period of the maximum landing between 1 and 30 June.

KEYWORDS: *Mugil so-iuy*, minimum catch size, fishing intensity, fishery management, ecological interactions with inland, Southern Black Sea

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