

May 2008



منظمة الأغذية  
والزراعة  
للأمم المتحدة

联合国  
粮食及  
农业组织

Food  
and  
Agriculture  
Organization  
of  
the  
United  
Nations

Organisation  
des  
Nations  
Unies  
pour  
l'alimentation  
et  
l'agriculture

Organización  
de las  
Naciones  
Unidas  
para la  
Agricultura  
y la  
Alimentación

## EUROPEAN INLAND FISHERIES ADVISORY COMMISSION

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

Antalya, Turkey, 21–24 May 2008

### PROVISIONAL AGENDA AND TIMETABLE

**CHAIRMAN:** Ibrahim Okumus, Trabzon, Turkey

**CONVENER:** Ian Cowx, Hull, UK

**TECHNICAL SECRETARY:** Raymon van Anrooy, FAO

**VENUE:** Porto Bello Hotel Beach & Resort, Antalya, Turkey

#### Wednesday 21 May

- 08.00-09.00 Registration
- 09.00-09.30 Symposium opening and welcome addresses
- 09:30-09.45 Overview of symposium aims and objectives  
*I. Cowx & I. Okumus*
- Session 1a** *Plenary Session on Ecological interactions*  
Chair: R. Arlinghaus
- 09.45-10.10 Fish based assessment of ecological status of Finnish lakes loaded by diffuse nutrient pollution from agriculture  
*M. Rask, M. Olin & J. Ruuhijarvi*
- 10.10-10.35 A meta-analysis of lethal and sub-lethal impacts of catch-and-release recreational angling on European fish species  
*R. Arlinghaus & D. Huhn*
- 10.35-11.00 Coffee/tea break
- 11.00-11.25 Impact of invasive alien species in aquaculture  
*I. Cowx*
- 11.25-11.50 The possible effects of global warming on fisheries and aquaculture in Turkey  
*R. Celebi, E. Gozgozoglul, A. Benli & A. Velioglu*
- 11.50-12.15 Effect of supplementary stockings of juvenile brown trout, *Salmo trutta* L., on yield in a Norwegian mountain reservoir  
*T. Hesthagen, I. Johnsen & O. Gran*
- 12.15-14.00 **Lunch**

<b>Session 1b &amp; Session 2a</b>	<b><i>Parallel session on ecological interactions (1b)</i></b> Chair: S. Yerli	<b><i>Parallel session on socio-economic interactions (2a)</i></b> Chair: A. Rothuis
14.00-14.20	Traditional carp pond farming in Poland as an example of sustainable aquaculture <i>M. Ciesla, J. Sliwinski &amp; R. Wojda</i>	Socio-economic character and importance of fisheries on Danube between Serbia and Croatia <i>M. Smederevac-Lalic, M. Lenhardt, A. Hegedis, G. Cvijanovic, I. Jaric, Z.Gacic &amp; S.Cvejic</i>
14.20-14.40	Effluent treatment concepts for trout aquaculture in dependence on production intensity <i>P.-D. Sindilariu, R.Reiter &amp; H. Wedekind</i>	The economic value of recreational fishing through the example of a Hungarian multifunctional pond fish farm <i>G. Gyalog, E. Bekefi &amp; L. Varadi</i>
14.40-15.00	Sustainable use of sterlet and development of sterlet aquaculture in Serbia and Hungary <i>M. Lenhardt, K. Györe, A. Hegediš, B. Mičković, Z. Gačić, M. Smederevac-Lalić &amp; G. Cvijanović</i>	Sociological analysis in fishing villages for sustainable fishery management of the endemic pearl mullet in Lake Van, Turkey <i>H. Nalcaoglu &amp; M. Sari</i>
15.00-15.20	Management strategies in protection and restoration of sturgeon biodiversity in Bulgaria <i>T. Hubenova, E. Uzunova &amp; A. Zaikov</i>	A Research on Determination of Current Status on Freshwater Aquaculture in Mediterranean Region of Turkey by Mainly Socio-Economic Indicators <i>Y. Emre, C. Sayin, M. Goncu,, Y. Tascioglu &amp; N. Mencet</i>
15.20-15.45	Coffee/tea break	
<b>Session 1c &amp; Session 3a</b>	<b><i>Parallel session on ecological interactions (1c)</i></b> Chair: S. Yerli	<b><i>Parallel session on governance (3a)</i></b> Chair: E. Gozgozolu
15.45-16.05	The response of a brown trout population and the perception of the situation by anglers after ceasing trout stocking <i>J. Baer &amp; A. Brinker</i>	Inland Fisheries and Aquaculture in Turkey: Trends in Supply, Consumption and Prices <i>F. Rad</i>
16.05-16.25	A new fish based index for monitoring the ecological status in rivers – A contribution to Water Framework Directive <i>T. Vehanen,, T. Sutela &amp; H. Korhonen</i>	Fisheries Management of Lagoons In Turkey <i>H. Deniz , E. Gozgozolu, R. Celebi</i>
16.25-16.45	Lessons available from anglers´ records: Case study of the Brno reservoir (Czech Republic) <i>Z. Adamek &amp; P. Jurajda</i>	Fishery management in the large lake systems located in the special protected areas of the European north of Russia <i>I. Studenov</i>
16.45-17.05	Ecological Status of Inland Waters of Muğla <i>M. Barlas, F. Yilmaz, B. Yorulmaz, H. Kalyoncu</i>	
<b>17.10-18.30</b>	<b>Poster session on Ecology and Aquaculture</b>	

**Thursday 22 May****Session 2b Plenary session on socio-economic interactions**

Chair: A. Rothuis

09.00-09.25 The Inland Fisheries of Central Asia: Why Production and Consumption Declined - and Suggested Strategies for Rehabilitating the Sector.

*A. Thorpe & R. Van Anrooy*

09:25-09.50 Examining changes in participation in recreational fisheries in England and Wales.

*M. Aprahamian, P. Hickley, B. Shields, & G Mawle.*

09.50-10.10 Reconciling ecological and social objectives in managing European eel (*Anguilla anguilla*) stocks – the angler’s perspective

*M. Dorow, B. Beardmore, W. Haider, & R. Arlinghaus*

10.10-10.30 Fish Farming Industry’s Socio-economic Analysis and Marketing Patterns in Trabzon, Turkey

*M. Dagtekin & O. Ak*

10.30-11.00 Coffee/tea break

**Session 2c & Parallel session on socio-economic interactions (2c)**

Chair: A. Thorpe

**Parallel session on ecological interactions (1d)**

Chair: A. Ozdemir

11.00-11.20 Reconciling the conservation objectives for an endangered endemic freshwater fish with those for tourist development on the island of Rhodes (Greece)

*M. Stoumboudi & I. Cowx*

Responses of fluvial fish assemblages to agriculture in boreal zone

*T. Sutela & T. Vehanen*

11.20-11.40 Interactions between conservation, economic and social objectives of sturgeon culture in Russia: problems and possibilities of optimization

*M. Chebanov & E. Galich*

Wild stocks of lake-migrating brown trout near extinction in Finnish Lake District: rapid recovery actions needed

*J. Syrjanen & P. Valkeajarvi*

11.40-12.00 Consumers’ willingness to pay for organic trout

*M. Disegna, C. Mauracher & I. Procidano*

A study on the adaptation of mirror and common carp introduced to reservoirs: a contribution to the solution of the choice problem

*Ş.Kirankaya & F. Ekemci*

12.00-12.20 *The role of women in fisheries and aquaculture in Turkey*

*A. Benli, A. Velioglu & R. Celebi*

A primary study on the status of sturgeon populations (*Acipenser* sp) in the South Eastern Black Sea Coast (Kızılırmak-Yeşilirmak Basın) in early 2000’s

*M. Zengin, S. Tiril, M. Dagtekin, M. Gul & H. Eryildirim*

12.20-14.00 **Lunch**

**Session 3b Plenary session on governance**

Chair: E. Hudson

- 14.00-14.25 Trout stocking revisited: An interdisciplinary approach to stakeholder participation and co-management  
*S. Haertel-Borer, H. Mosle, E. von Lindern, A. Satake1, E. Staub, O. Seehausen1, & A. Peter.*
- 14.25-14.50 Recovery programs for endangered freshwater fish in Flanders, Belgium  
*K. Vlietinck & A. Dillen*
- 14.50-15.15 Providing context to the global code of practice for recreational fisheries  
*R. Arlinghaus, S. Cooke & I. Cowx*
- 15.15-15.40 Coffee/tea break

**Session 3c & session 1e Parallel session on governance**

Chair: E. Hudson

**Parallel session on ecological interactions (1e)**

Chair: S. Yerli

- 15.40-16.00 From strict guidelines to adaptive stocking in sub-arctic Lake Inari  
*P. Heinimaa*
- 16.00-16.20 The impact of the new EU fish health regime arising from Directive 2006/88 on ecological interactions of aquatic animals in Europe  
*E. Hudson*
- 16.20-16.40 Fishing tourism, biodiversity protection and regional politics – case of the River Tornionjoki, Finland  
*J. Salmi & P. Salmi*
- 16.40-17.00 Functional vs scenic restoration - challenges to improve fish and fisheries in urban waters  
*C. Wolter*
- Introduced crayfish *Pacifastacus leniusculus* (Dana) utilization and effects on inland fishery  
*M. Pursiainen & T. Ruokonen*
- Effects of Three Carassius (Cyprinidae) species [*C. auratus* (Linnaeus, 1758), *C. carassius* (Linnaeus, 1758) and *C. gibelio* (Bloch, 1782)] in the inland waters of Turkey.  
*D. Innal & F. Erk'akan*
- Ameiurus melas* (Rafinesque, 1820) – pest or possibility  
*G. Cvijanovic, M. Lenhardt, A. Hegedez, Z. Gacic, I. Jaric*
- Does coexistence of affect the growth and condition of native crucian carp *Carassius carassius* and introduced goldfish *C. auratus* in small ponds?  
*A. Serhan Tarkan and G. Copp*

**17.00-18.30 Poster session on management & development of fisheries****Friday 23 May****Session 3d & session 1f Parallel session on governance (3d)**

Chair: E. Gozgozogl

**Parallel session on ecological interactions (1f)**

Chair: A. Ozdemir

- 09.00-09.20 Implementing 'regional fisheries management' in the Mekong basin  
*N. Viet Manh*
- Diet of great cormorant (*Phalacrocorax carbo* L.) at Special Reserve of Nation "Stari Begej – Carska bara" in northern Serbia  
*S. Skorić, Ž. Višnjić-Jeftić, A. Hegediš, Z. Gačić, V. Djikanović, V. Poleksić, B. Rašković & M. Lenhardt*

09.20-09.40	Commercial and recreational cohabitation: the case of Annecy Lake <i>C. Sebi</i>	Fishing Activities and Pollution Risk on Köyceğiz-Dalyan Lagoon System <i>B. Yorulmaz, M. Barlas, F. Yilmaz, &amp; N. Özdemir</i>
09.40-10.00	Optimization of freshwater fisheries in Russia <i>S. Brazhnik &amp; Y. Sechin</i>	Determination of trophic situation of Sarimsakli dam lake (Kayseri-Turkey) <i>D. Aydin &amp; S. Ahiska</i>
10.00-10.20	Inland Fisheries Of Turkey <i>H. Kilic , V. Kurum &amp; T. Turkyilmaz</i>	Changes along a trophic gradient in Lake Mogan (Turkey): A shallow eutrophic lake <i>F. Mangit &amp; S.Yerli</i>
10.20-11.00	Coffee/tea break	
<b>Session 3e &amp; session 2d</b>	<b>Parallel session on governance (3d)</b> Chair: E. Gozgozoglu	<b>Parallel session on socio-economic interactions (2d)</b> Chair: TBD
11.00-11.20	Conservation and sustainable fishery management of brown trout in Irish lakes: is roach a real threat? <i>A. Massa-Galucci, B. Hayden, J. Caffrey, M. O'Gready &amp; M. Kelly-Quinn</i>	The review on Turkey inlands in terms of interaction between social, economic and ecological objectives of fisheries and aquaculture <i>S. Yerli &amp; İ. Okumus</i>
11.20-11.40	Turkish Fisheries Management towards Sustainable Exploitation of Resources <i>V. Kurum &amp; H. Fersoy</i>	The potential Turkey inherits in fishing native trout <i>T. Ersal, B. Kalac &amp; T Sanalan</i>
11.40-12.00	Economical, social and ecological value of whitefishes on the European North of Russia <i>A. Novoselov</i>	Profitability and productivity analysis of fishery enterprises in Lake Durusu (Terkos) <i>M. Soylu &amp; S. Uzmanoglu</i>
12.00-12.20	Salmonids of the Neretva river basin - present state and suggested sustainable selection programme to protect and strengthen the populations <i>S. Muhamedagic, H. Gjoen &amp; M. Vegara</i>	
12.20-14.00	<b>Lunch</b>	
<b>Session 1g Session 2e Session 3f</b>	<b>Workshop session on ecological interactions (1g)</b> Chair: R. Arlinghaus	<b>Workshop session on socio-economic interactions (2e)</b> Chair: TBD
<b>14.00-16.00</b>	Workshop discussions	Workshop discussions

### Saturday 24 May

<b>Session 4</b>	<b>Plenary session on Conclusions and Recommendations of the Symposium to the 25<sup>th</sup> Session of EIFAC</b> Chairs: I. Cowx & I. Okumus
09.00-10.30	<b>Presentation of the symposium report</b>
10.30-11.00	<b>Closing of the symposium</b>