



Nordiska Ministerrådet  
Pohjoismaiden ministerineuvosto  
Norræna ráðherranefndin

Invitation to a **2-days Evaluation Seminar in cooperation with FAME** ([www.sam.sdu.dk/fame](http://www.sam.sdu.dk/fame))

### ***Total value of recreational fishery (NAF project 661040-90761)***

**Date:** August 26 to 27, 2003

**Venue:** The University of Southern Denmark, Niels Bohrs Vej 9, Esbjerg

**Organisers:** Project working group hosted by Eva Roth, University of Southern Denmark and Anna-Liisa Toivonen, Finnish Game and Fisheries Research Institute

#### **1. Introduction**

Since 1996 a Scandinavian group of Scientist have worked on the socio-economic implication of recreational fisheries in the Nordic Countries of Denmark, Finland, Norway, Iceland and Sweden. The Nordic working group of the project “Total value of recreational fishery” is interested in arranging an evaluation seminar of the project. Our research shows not surprisingly, that recreational fisheries have a large non-market value. That a systematic approach to valuation may give valuable inputs to social priorities and policy evaluation of protection of natural resources like fish – and the habitats sustaining these populations. That benefit transfer (the use of results from one area in another, it may be transnational or site specific) even between culturally narrow bands as the Nordic countries, is very difficult and may not lead to a very valid result. And lastly, that general studies of this nature may aid the policy decision making process by illuminating the possibilities of using survey data on non-market goods in par example cost-benefit analysis of environmental investments.

We would of course like to share our experiences and results with the broader public, but more important listen to the experiences of others and discuss the wider implications of research in the field of valuation of recreational resources.

#### **2. Target group**

We therefore invite interested parties around socioeconomics of recreational fishery. We estimate that the meeting will have around 40 participants, at least three of whom would be invited speakers, eleven would be the maximum representation of the project group and the rest is open for authorities, fisheries associations, research institutes and other interest groups.

### **3. Preliminary programme**

#### **Tuesday afternoon**

- Chair: Bo Bengtsson, Sweden
- 13:00 Welcome: Dean of Faculty
- 13:10 Introduction: Head of Institute Niels Vestergård
- 13:20 Evaluation: Anna-Liisa Toivonen, Finland, Hans Frost FOI, Denmark
- 14:30 Coffee break
- 15:00 Experiences: Graeme Peirson, UK. Valuation of Recreational Fishery in the UK.
- 15:45 Experiences, Árni Ísaksson, Iceland  
Value of Icelandic salmonid angling. Does the freshwater administrative system enhance the value of sports fisheries?
- 16:15 Benefit transfer: Ståle Navrud, Norway  
Can use and non-use value of freshwater fish stocks be transferred across the Nordic countries?
- 17:00 Discussion
- 17:30 End

#### **Wednesday morning**

- Chair: Guðni Guðbergsson
- 09:00 Scientific Perspectives: Bengt Kristrøm, Finland  
On the Value of Valuing Recreational Fishing
- 09:45 Scientific Perspectives: Veijo Kaitala  
Scientific perspective on valuation of recreational fishery.
- 10:30 Coffee break
- 11:00 Jan Kappel, EAA, What is the Recreational Sea Anglers position in the reformed EU Common Fisheries Policy (CFP)?
- 11:30 Policy implications: Jesper Heldbo, Nordisk Ministerråd
- 12:00 Susanne Jensen, Impact of recreational fishery on the formal Danish economy
- 12:30 Discussion
- 13:00 Lunch

#### **Wednesday afternoon**

- Chair: Eva Roth
- 14:30 Short presentations and discussion “panel?”
- 16:00 End

The final session would sum up possible ways of progressing, projecting and planning for future research and co-operation in the subject.

This session is open for short presentations from all present at the seminar – and for a broad discussion.



#### **4. Members of the working group**

Håkan Appelblad, Umeå University, Sweden  
Bo Bengtsson, National Board of Fisheries, Sweden  
Peter Geertz-Hansen, Danmarks Fiskeriundersøgelser  
Guðni Guðbergsson, Institute of Freshwater Fisheries, Iceland  
Daði Kristófersson, Agricultural University of Norway  
Hilde Kyrkjebø, Direktoratet for Naturforvaltningen, Norway  
Ståle Navrud, Agricultural University of Norway  
Eva Roth, University of Southern Denmark  
Anna-Liisa Toivonen, Finnish Game and Fisheries Research Institute  
Pekka Tuunainen, Finnish Game and Fisheries Research Institute  
Gösta Weissglas, Umeå University, Sweden

#### **5. Publications and posters presented from the Nordic Project (to date)**

Toivonen, A.-L., Tuunainen, P., Navrud, S., Roth, E., Bengtsson, B. and Gudbergsson, G. 1998. Measuring total value of recreational fishery in the Nordic countries. **Poster** presented in Fisheries Research Forum, Kotka 18.-19.11.1998.

Toivonen, A.-L., Tuunainen, P., Navrud, S., Roth, E., Bengtsson, B. and Gudbergsson, G. 1999. Measuring total economic value of recreational fishery in the Scandinavian countries. **Poster** presented in the conference "Evaluating the benefits of recreational fishing", 1 - 3 June 1999, Vancouver, Canada.

Toivonen, A.-L., Tuunainen, P., Navrud, S., Roth, E., Bengtsson, B. and Gudbergsson, G. 1999. Measuring the total economic value of recreational fisheries in Scandinavia. *In: Pitcher, T.J. (Ed.) Evaluating the Benefits of Recreational Fishing. Papers, Discussion and Issues: a Conference held*

at the UBC Fisheries Center June 1999, p. 150 - 153. Fisheries Centre Research Reports 1999 Volume 7 Number 2, 169 pp.

Roth, E., Toivonen, A.-L., Navrud, S., Bengtsson, B., Gudbergsson, G., Tuunainen, P., Appelblad, H., Weissglas, G. and Geertz-Hansen, P. 2000. Economic value of recreational fisheries in the Nordic countries. **Paper** presented in an American Fisheries Society Symposium - Economics of Recreational Fishing, St. Louis, MO, USA, August 20-24, 2000.

Kristófersson, D. 2000. Can Contingent Valuation Estimates for Freshwater Fish Stocks be transferred across countries? Testing validity of international benefit transfer. Master's thesis, Agricultural University of Norway. 38 pp.

Toivonen, A.-L. 2000. Mistä vapaa-ajankalastaja on valmis maksamaan ja millä hinnalla? Vertaus muihin Pohjoismaihin. s. 32-36. *In: Rahkonen, R. ja Railo, E. (toim.) Yhteiskunnalliset arvot muuttuvat - muuttuuko kalatalous? Kalantutkimuspäivät 2000. Kala- ja riistaraportteja 201, 77 s. (In Finnish) "For what is the recreational fisherman willing to pay and for what price?"*

Toivonen, A.-L., Appelblad, H., Bengtsson, B., Geertz-Hansen, P., Gudbergsson, G., Kristofersson, D., Kyrkjebø, H., Navrud, S., Roth, E., Tuunainen, P. and Weissglas, G. 2000. Economic value of recreational fisheries in the Nordic countries. Nordic Council of Ministers, TemaNord 2000:604, 71 pp.

Appelblad, H. 2001. Fritidsfiskets ekonomi och rekreationsvärde - exempel lax. *I: Svenska fiskets framtid och samhällsnytta (Red Agerlind, G.). Kungliga skogs- och Lantbruksadademins tidskrift. Årg 140, Nr 10, 2001. Stockholm.*

Appelblad, H. 2001. Nordic recreational fishery, its values and regional pattern, and Swedish fisherman profiles. Chapter 9. *In: Appelblad H. The spawning salmon as a resource by recreational use. The case of the wild Baltic salmon and conditions for angling in north Sweden rivers. Doctoral thesis. Gerum kulturgeografi 2001:3. Kulturgeografiska institutionen. Umeå universitet, 216 pp.*

Roth, E., Toivonen, A.-L., Navrud, S., Bengtsson, B., Gudbergsson, G., Tuunainen, P., Appelblad, H. and Weissglas, G. 2001. Methodological, conceptual and sampling practices in surveying recreational fishery in the Nordic countries - experiences of a valuation survey. *Fisheries Management and Ecology, 8, 355-367.*

Toivonen, A.-L. 2001. Kalat, kilot, eurot, ilot. Vapaa-ajankalastuksen pohjoismaiset arvot. *Vesitalous 3, s.44-48. (In Finnish) "Nordic values of recreational fishery".*

Toivonen, A.-L. 2002. A Survey of the Economic Value of Nordic Recreational Fisheries. p. 137 - 143. *In: Pitcher, T. and Hollingworth, C. (Eds) Recreational Fisheries, Ecological, Economic and Social Evaluation. Fish and Aquatic Resource Series 8. Blackwell Science.*

Toivonen, A.-L., Appelblad, H. and Stigzelius, J. 2002. Regional patterns of valuing recreational fishing in the Nordic countries. **Poster** presented in Third International World Recreational Fishing Conference, 21-24 May 2002, Darwin, Australia.

Appelblad, H., Toivonen, A.-L. and Stigzelius, J. 2002. Nordic countries - the heavy users of recreational fishing resources. **Poster** presented in EIFAC 2002, Conference, 12-14 June 2002 Windermere, England.

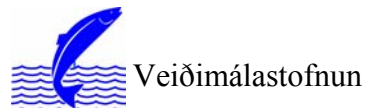
Toivonen, A.-L., Roth, E., Navrud, S., Gudbergsson, G., Appelblad, H., Bengtsson, B., and Tuunainen, P. Recreational fishing - the priceless experience. A Nordic survey on the economic value of recreational fisheries, Fisheries Management and Ecology Volume xx, Number xx, Blackwell Science, 2003 (Accepted).



Yours sincerely

Eva Roth

Anna-Liisa Toivonen



We thank the sponsors of the seminar; Nordisk Ministerråd, Fiskeriverket and Syddansk Universitet.

**Participation**

The seminar is free of charge for anyone wishing to participate. Participants pay their own travel and accommodation expenses.

**Deadline** is 20 August 2003 by e-mailing to [fame@sam.sdu.dk](mailto:fame@sam.sdu.dk).

**Accommodation**

Suggestions for accommodation can be found on [www.sam.sdu.dk/fame](http://www.sam.sdu.dk/fame)

**Contact**

FAME, Department of Environment and Business Economics, University of Southern Denmark, Niels Bohrs Vej 9, DK-6700 Esbjerg. Tel. +45 6550 1000, Fax +45 6550 1091.