

August 2001

No. 17

Editorial

Welcome to another Bulletin. Well, for this bulletin you'll notice a new format. We at the EAFE team have decided that the time has come to embrace new technology. The new Bulletin will now be posted solely on the new EAFE website <http://www.eafe-fish.org/bulletin/bulletin.htm>.

The work of EAFE members continues to be varied and global in its efforts. This was exemplified at the most recent meeting of members in Salerno.

It has indeed been a busy year in fisheries with the United Nations announcing what may prove to be the most ambitious environmental study yet. The Millennium Ecosystem Assessment is motivated in large by concerns in the scientific community that the natural systems that sustain life and commerce on the planet are being severely damaged. Indeed the dramatic loss of rainforest and wetlands, the degradation of farmlands and the general decline in world wild capture fisheries are very apparent.

Unfortunately news from the Membership has been a little hard to extract, hence the slim-line nature of this edition of the Bulletin. It is timely, therefore, to ask all members to continue to supply information to me on projects, research, institutes or any other developments that may be of interest to other EAFE members.

In addition, the EAFE website provides an excellent opportunity to advertise positions and job openings that become available with its international audience of fisheries economists and researchers in similar fields.

My old friend Erik Lindebo continues to maintain and update the EAFE website on a regular basis, so even though he is off on sabbatical for 7 months he will maintain a close eye on the affairs of EAFE, and with Elsebeth Vidø will regularly update the website, so keep forwarding objects of interest.

You will notice that the website is host to many items that would have previously been incorporated into the paper Bulletin. In Particular I draw your attention to the presentation given by Dominique Leveil earlier this summer in Gothenburg detailing the evolution of fisheries funding by DGXIV. The link can be found under the notice board on the EAFE website.

The majority of our news in the bulletin comes this time from IREPA, hosts of our 13th Annual meeting. Although

there are some other news worthy of mention. Ann Shriver of IIFET has just announced that next years meeting is to be held in Wellington, New Zealand August 19 – 22nd, 2002. Once again a link can be found to the IIFET website on the EAFE notice board.

So, for this edition of the Bulletin I leave you with the Salerno conference report, kindly penned by Evelina Sabatella. And in addition it is fitting to have a profile of IREPA, the kind hosts of this years conference.

May I please also take this opportunity to ask you once again to continue to contribute to the bulletin so that we can continue with the success that the bulletin has had in recent years.

Carl James

XIVth Annual Conference of EAFE - 2002

The next annual conference is to be held in Portugal. More details will be made available later in the year.

EAFE Bureau news

The EAFE Bureau is holding a meeting in Copenhagen in September. Among other things, the Bureau will discuss a draft of the Economists' response to the Green Paper on the CFP. The finalised paper will be forwarded to the Commission at the end of September.

XIIIth Annual Conference of EAFE 18 – 20th April 2001 Salerno, Italy

CONFERENCE REPORT

The XIII EAFE conference took place from the 18th to the 20th April 2001 in Salerno (Italy), returning after almost 10 years (Salerno hosted the 6th Annual Conference in 1992). The Conference was arranged by IREPA Onlus and was held at the Arcivescovado Palace in the *degli Stemmi* room, on the site of the Greek temple of *Pomona*.

120 delegates attended the conference from 18 countries, (13 EU countries: Belgium, Denmark, Germany, Finland, France, Greece, Italy, Portugal, Spain, Sweden, The Netherlands, U.K. and 5 non-EU countries: Estonia, Iceland, Japan, Norway, Morocco). With respect to the EAFE conferences of the last few years, the number of participants from Southern Europe has increased and therefore we can look forward to improved work collaboration between Northern and Southern Europe.

The fisheries economists present at the Conference came from 47 different research institutes and universities. Representatives of national fishermen associations, of national administrations and the European Commission were also present, as well as delegates from FAO, ICCAT and OECD.

57 papers and 15 posters were presented, been more than doubled with respect to the XII conference. The high level of participation shows the increasing interest in fisheries research in Europe and stresses the importance of the EAFE as the point of contact for the increasing number of fisheries economists. The Conference was organised into 5 plenary sections, 2 round tables and 8 parallel sections.

Mr. Spagnolo, director of IREPA, opened the Conference welcoming the participants. Welcome speeches were addressed by Mr. Ivone, Dean of the Faculty of Economics at the University of Salerno and by Mr. Giannella, Deputy-director of the General Directorate of Fisheries and Aquaculture at the Italian Ministry of Agriculture and Forestry.

After the Conference opening, the Annual General Meeting of the association was held. Mr. Philip Rodgers was appointed to chair the AGM, as the EAFE president, Mr. Jørgen Løkkegaard, was not present because of other engagements. Relevant issues were raised: the bulletin – future production, distribution, and editorial team; the EAFE Website; the treasurer's Report; the next Conference Venue.

The Conference focused on 3 central themes: 1) research in applied fisheries economics; fisheries management and research priorities; 2) the Green Paper on the revision of the Common Fisheries Policy; 3) tuna fishery management.

Other more general sessions were also arranged, including bio-economic modelling and production functions, food safety, eco-labelling, markets, conservation, capacity, and news from organisations (including OECD). One session was reserved for the presentation of relevant PhD theses.

Keynote speakers Ragnar Arnason and Steve Cunningham stimulated debate by considering the two different approaches in applied fisheries research: the applied fisheries economics modelling and the empirical approach. These two approaches coexist in fisheries research as was clearly shown by the keynote speeches and by the papers presented during the conference.

Mr. Dominique Levieil, from the European Commission, presented the results of the proposal evaluation process under the 5th framework programme and illustrated the general principles of the 6th framework programme.

A special session of the Conference was dedicated to a very relevant theme in the worldwide fisheries scenario, but never discussed in previous EAFE conferences: tuna fisheries management. Mr. Peter Miyake was invited to present both his own experience as previous General Director of ICCAT and the ICCAT experience in fisheries management. His paper received a great interest and gave the possibility to open the discussion on actual themes such as market globalisation. An interesting discussion followed the presentation.

The central theme of the Conference was the Green Paper on the revision of the Common Fisheries Policy. This session was introduced by Christoph Nordmann from the General Directorate of Fisheries of the European Commission. His presentation was a comprehensive introduction to the Green paper, outlining its general principles. This was the first time that the Green paper had been officially presented and discussed. The second keynote speech of this section was presented by Peder Andersen, Director of the Danish Economic Council. His speech was quite critical with respect to the Green paper, focusing on the lack of a general coherent economic approach to the themes of the CFP and the fact that in the Green paper objectives are a mixture of policies, instruments, research needs and other things. According to Mr. Andersen the Green paper should define a set of clearer objectives for the future.

Mr. Buonfiglio, president of the AGCI (general association of the Italian fisheries co-operatives) introduced the fishermen's view of the green paper, asking for a general review of the document.

An interesting round table followed the previous speeches. Denis Bailly (UBO CEDEM), Ragnar Arnason (Univ. of Iceland), Philip Rodgers (CFER), Steve Cunningham (IDDRA), Hans Frost (SJFI) and Ola Flaaten (OECD) presented their opinions.

At the end of the discussion Mr. Spagnolo, chairman of the session, suggested to prepare a draft document on the Green paper. This document should be sent to the Commission and should contain the position of the EAFE with respect to the future of the CFP. This document could be written, on the basis of Mr. Andersen's speech, by Messrs. Spagnolo, Rodgers and Løkkegaard.

An important moment of the Conference was the conference official dinner offered by the National Fishermen Associations in a restaurant on the Amalfi Coast. It was an opportunity for participants to relax and exchange personal research experience and meet possible new partners in future research projects. It also allowed delegates to enjoy the delights of local Italian cooking. The festivities continued in downtown Salerno under the energetic guidance of Evelina until the very early hours of the morning. Needless to say, next year's conference has a very high standard to live up to. See you in 2002!!

Evelina Sabatella

Company Profile; IREPA

General information

IREPA was founded in 1982 and is affiliated to the University of Salerno (Department of Economics). It is a specialist research institute committed to advisory services for national and international public bodies involved in fisheries and aquaculture management.

The activity of IREPA is carried out by its research staff: 12 permanent and 9 part time scientific researchers, 4 programmers and technicians, 3 accountants, and 50 statistical recorders. Academic activity is carried out through the University of Salerno (Faculty of Economics) where scientific and technological co-operation among the staff of the two organisations take place.

Among others, advice and services are provided to the following bodies: EU (General Directorate of Fisheries), FAO (Food and Agriculture Organisation), MiPAF (Italian Ministry for Agriculture and Forestry Policy), CNR (National Research Council), OECD (Organisation for Economic Co-operation and Development).

Technical assistance

IREPA is responsible for technical assistance to the General Directorate for Fisheries and Aquaculture through a team of 7 units located in the Ministry for Agriculture and Forestry Policy. In this respect assistance is provided for: EU Council committees, EU fisheries management committee, support to EU negotiations, support to GD fisheries, support to planning department, and support to the statistics department.

Furthermore, IREPA participates in the formulation of national fisheries and aquaculture policy. In particular, the Institute has been responsible for the co-ordination of working groups on fishing industry management, processing industry and marketing. Moreover the Institute has been responsible for the formulation of the national sector plans in application of the national law n. 41/82 on behalf of the Italian Ministry for Agriculture and Forestry Policy.

The Institute is also involved in various national and international commissions and organisations, on a regular basis: working groups on Fishing Fleet, on Resources, on Scientific Research, on Economic Research at the Ministry for Agriculture and Forestry Policy (Rome); working group on Fisheries Statistics at the National Statistics Institute (ISTAT) (Rome); Committee of Fisheries OECD (Paris); Scientific, Technical Economic Committee on Fisheries (STECF) EC DG XIV (Brussels), GFCM FAO.

Scientific research

IREPA is involved in various research programs on fisheries and aquaculture at international, European, national and regional levels. The main fields of activity and applied research areas are: mathematics, statistics,

management econometrics, economic analysis and political economics applied to fisheries and aquaculture. The main matters these programs deal with are: compliance with fisheries regulations, multi-objective management of fisheries, marine protected areas and other fishing exclusion zones, artisanal and industrial fishing fleet, marketing and commercial management, fish price formation, fisheries data bank, fisheries development policy, resource and landing analysis, resource mathematical modelling, and bio-economic modelling.

Fisheries national observatory

IREPA is responsible for the organisation and management of the Italian Economic Fisheries Observatory, which is a nation-wide information network, meant to assist and support the Administration management activity. The main database of this observatory is composed of accounting data and individual landing data for a statistical sample of 450 fishing boats (800 by 2002), by week and by species. The data have been recorded in the database since the beginning of the 80's, which makes it possible to make backward and forward analyses. One aim of the observatory is to produce a yearly report of the economic performance of the fishing fleet, and to provide for surveys on subjects on a common national basis.

Reporting & relations with regional administrative bodies

Advice and services are currently provided to regional administrative bodies (in particular the regions of Campania, Sicily and Sardinia).

Regional observatories are published each year to provide information and statistical data at the local level.

National Statistical System

IREPA, in collaboration with ISTAT (the national statistics institute), developed a specific methodology to provide for monthly estimates of catches and prices by species of the total national production. These statistics are to be introduced in the SISTAN (the national statistic system). The aim of the working group IREPA – ISTAT will be to move the actual IREPA fisheries statistics to SISTAN, satisfying national obligations of international and EU regulations.

In particular IREPA is the co-ordinating body of the ministerial working group on the development and implementation of the national programme related to reg. CE n. 1543/00 on fisheries data collection

Internal resource management & Development

IREPA is ready to face the new prospective and challenges in fisheries and a specific area is dedicated to the development of new projects and areas of interest.

One such project developed under this area is the technical assistance to the fishery directorate of the Albanian Ministry of Agriculture and Food. IREPA has managed the project under the EU-funded PHARE Program. IREPA had the task to identify organisational procedures that will

enable the Fisheries Directorate to draft a Fishery Management Plan to indicate ways for improvement of the Albanian fishery sector.

Quality & Certification

IREPA is currently involved in research programs on quality controls, and environmental impacts of fisheries and aquaculture.

The EMAS (Eco Management and Audit Scheme) project considers a voluntary scheme applied to the aquaculture sector that should help industries in improving the transparency of productive processes that have an environmental impact.

Electronic & mathematical engineering applications

A specific research area is that of fisheries engineering, aimed at analysing the impact of new technologies in fisheries and aquaculture and alternative methods to measure fishing capacity using a satellite-based monitoring system.

Mathematical engineering has been widely used to implement and optimise algorithms for bio-economic models like MOSES.

The GAIA model has been developed to give technical and economic assistance to aquaculture fish farming from the seeding phase to harvesting.

Environment & Information applications

Other projects regard activities not directly connected with the main fields of interest, but that highly affect the entire IREPA system. The developing of a complete set of databases and of a data warehouse as a modern system for the dissemination of the information are the current activities of this area. Of particular interest is the realisation of social utility projects connected with fisheries environment.

Another field of activity concerns Marine Protected Areas. IREPA, in collaboration with the IIM (Military Hydrographical Institute), has already published the "Cartographic handbook of Italian Marine Protected Areas". The project aims at providing a necessary tool for a correct management of the MPAs. A website (www.irepa.org/parchi) has been developed in order to disseminate the results.

Training

IREPA is involved in training activities of both fisheries operators and of high-level fisheries economists. Fund for such training comes primarily from regional bodies and the Ministry of the Scientific and Technological Research.

System management area

Relevant activities carried out by the information technology include: websites, data protection and data cryptography, system management, retrieving and transmission by Internet and Intranet.

Furthermore, the information technology area has developed specific software to support the fisheries national

observatory and others monitoring systems. The software produced by Information Technology is applied to three main sections: data collectors' software to fill and transmit the questionnaires; software for data processing: queries on specific group of elementary data; software for the production of the final tables: checking and correction of the elementary data, application of the raising factors and general technical support to IREPA statistical collectors.



Three Ph.D. Scholarships in Resource Economics

Three Ph.D. scholarships (one in each institution) are vacant in the near future at the Institute of Economics (University of Copenhagen), Department of Economics and Natural Resources (Royal Veterinary and Agricultural University) and Department of Environmental and Business Economics (University of Southern Denmark).

The three scholarships are part of the Centre for Fisheries and Aquaculture Management and Economics (www.sam.sdu.dk/FAME/), which is part of fishnet.dk (www.fishnet.dk), a network based on research cooperation within fisheries. The three scholarships will be within resource economic topics and the following topics will be of special interest:

- The Use of Adaptive Rules in Quota Management
- Endogenous Growth Theory and the Relation to Hartwick's Rule
- Design of Environmental Regulations in a Distorted Economy (interactions of different regulations)
- Complex Regulation: Asymmetric Information and Strategic Behaviour
- Welfare Optimisation of Aquaculture Production
- The Economic Consequences of introducing Labelling on Aquaculture Production
- Consequences of Changes in Market and Regulation Conditions on Local Stability and Development in the Fish Sector

The projects are expected to be completed in three years at the institute where the student enrolls. The enrolment rules and application procedure can be seen on the websites: www.samf.ku.dk/phd/, www.adm.kvl.dk/uddannelse/ and www.sam.sdu.dk/phd/. Ph.D.-students are paid according to the agreement of November 25, 1997 between the Ministry of finance and the AC for paid Ph.D. scholarships.

Further information on the scholarships can be obtained by contacting the head of FAME Niels Vestergaard, Department of Environmental and Business Economics, University of Southern Denmark - Esbjerg, phone 6550 4181 or e-mail: nv@sam.sdu.dk.

Application for a scholarship at the Institute of Economics, University of Copenhagen is to be made on a special application form which may be obtained from Birgitte Rishøj Østergaard, phone 3532 3540 or e-mail: brj@samf.ku.dk. Please send the application marked j.nr.201-233-65/01-2211 including the enclosures mentioned in the form to University of Copenhagen, Faculty of Social Sciences, St. Kannikestræde 13, 1169 Copenhagen K, no later than 11/9 2001.

Application for a scholarship at the Department of Economics and Natural Resources, Royal Veterinary and Agricultural University is to be made on a special application form which may be obtained from Lillian Zeuthen Bjørnseth, phone 3528 2172 or e-mail lzb@kvl.dk. Please send the application including the enclosures mentioned in the form to The Royal Veterinary and Agricultural University, The Student Administration, Bülowsvej 17, 1870 Frederiksberg C, no later than 11/9 2001.

Application for a scholarship at the Department of Environmental and Business Economics, University of Southern Denmark – Esbjerg is to be made on a special application form which may be obtained from Gitte Gregersen, phone 6550 2201 or e-mail: geg@sam.sdu.dk. Please send the application marked job no. 341/522-015170 including the enclosures mentioned in the form to University of Southern Denmark, The Faculty of Social Sciences, Campusvej 55, 5230 Odense M, no later than 11/9 2001.



A range of PhD courses, seminars and workshops has been arranged under the FAME initiative. Details of two forthcoming activities in 2001 can be found below. Further information of the network and forthcoming programmes can be found on www.fishnet.dk/networks/fame/fame.htm.

If you wish to be on the FAME mailing list, that automatically sends you new programme information at regular intervals, please contact fame@sam.sdu.dk.



The EAFE Bureau

President: Jørgen Løkkegaard
SJFI, Rolighedsvej 25
1958 Frederiksberg, Denmark
Tel: (+45) 3528 6800 Fax: (+45) 3528 6801
E-mail: jl@sifi.dk

Vice-President: Vincenzo Placenti
IREPA, Via S. Leonardo, Trav. Migliaro
84131 Salerno, Italy
Tel: (+39) 89 338 978 Fax: (+39) 89 330 835
E-mail: placenti@irepa.org

Secretary: Helen Pickering
CEMARE, University of Portsmouth
Portsmouth, P04 8JF, United Kingdom
Tel: (+44) 23 9284 4082 Fax: (+44) 23 9284 4037
E-mail: helen.pickering@port.ac.uk

Treasurer: Henning P. Jørgensen
IME/SDU, University of Southern Denmark
Niels Bohrs Vej 9, 6700, Esbjerg, Denmark
Tel: (+45) 6550 4111 Fax: (+45) 6550 1091
E-mail: hpi@sam.sdu.dk

Rapporteur: Dominique Rommel
Da Auld House, Westshore, Shetland Isles
ZE 0XJ, United Kingdom
Tel: (+44) 1595 880924
E-mail: dominiquerommel@hotmail.com

EAFE Membership

Founded in 1989, the Association's membership (Full Members) consists of economists actively involved in fisheries work within the European Economic Area (EEA). Associate Membership is open to non-economists and to individuals from non-EEA member countries. Full membership costs 40 EURO per annum. Corporate and Student Membership is also available. Please contact the Treasurer for further information.

EAFE website:

<http://www.eafe-fish.org/bulletin/bulletin.htm>

The EAFE Bulletin

Editors

Carl James (carl.james@port.ac.uk)
CEMARE, University of Portsmouth
Portsmouth, P04 8JF, United Kingdom
Tel: (+44) 23 9284 4082 Fax: (+44) 23 9284 4037

Erik Lindebo (erik@sifi.dk)
SJFI, Rolighedsvej 25
1958 Frederiksberg, Denmark
Tel: (+45) 3528 6895 Fax: (+45) 3528 6801

Contributions

All contributions should be in English and sent to the Editors, preferably via e-mail. The Editors reserve the right to revise and precise all contributions. All comments and suggestions are gratefully received.

Next issue: December 2001

The Bulletin is available on the EAFE website and is abstracted and indexed in Aquatic Sciences and Fisheries Abstracts (ASFA).

Workshop on Property Rights and Institutional Changes.

10 – 11 September 2001 in Fredericia, Denmark

Guest Lecturers:

Professor Daniel Bromley, University of Wisconsin-Madison
Research Professor Jesper Raakjær Nielsen, Institute for Fisheries
Management and Coastal Community Development

Background:

The core challenge of exploitation of natural resources is to align individual and social incentives so as to resolve the externality problem. Much effort has been mounted towards identifying institutions that can modify incentives for overexploitation and thereby eliminate the problem. Several researchers question the utility of the search for a single, optimal institutional design for conservation and ask whether different arrangements are perhaps appropriate for different setting.

This applies also to common pool resources such as fish stocks and the aim of the workshop is to explore conditions for success of some management approaches compared to other approaches. Are the conditions necessary or sufficient? Can the conditions be ranked? What are the consequences of failure of meeting some for the conditions?

Participation:

The workshop is free of charge of anyone wishing to participate. A limit of 25 persons has been set and priority will be given the persons presenting a paper. Any one interested in presenting a paper should notify fame@sam.sdu.dk before 24 th August 2001.

Deadline for enrolment is 24 th August 2001.

Contact:

FAME, Department of Environmental and Business Economics, University of Southern Denmark, Niels Bohrs Vej 9, DK-6700 Esbjerg.

Tel. +45 6550 1000 Fax: +45 6550 1091

Email: fame@sam.sdu.dk Website: www.sam.sdu.dk/fame

Ph.D. course on Dynamic Modelling.

12 - 16 November 2001

Lectures: Professor V. Kaitala

More details will soon be made available.