



# The International Institute of Fisheries Economics & Trade

## Newsletter

2005, No.2

ISSN 1048-9509

## Portsmouth, UK, Prepares to Receive World's Fisheries Economists

Sean Pascoe, Nicola Waterman, and the rest of the CEMARE crew in Portsmouth are hard at work collecting, organizing, and disseminating information about our upcoming biennial conference next July 11-14 (2006). As a result next year's IIFET conference is shaping up to be another must-attend event, with a program that weaves together a stunning variety of themes and subtopics. It's clear that **IIFET 2006 Portsmouth: Rebuilding Fisheries in an Uncertain Environment** will be an event with something for everyone—academics, government managers and policymakers, NGO and industry members, and representatives from international organizations.

As described in the recently-issued second call for abstracts (read the full details online at <http://oregonstate.edu/Dept/IIFET/SecondCall.pdf>), IIFET 2006 Portsmouth will provide a forum for participants to discuss the current state of the world's fisheries and exchange ideas on the best means to rebuild those that have been damaged by natural disasters or human activities. The conference's broad themes will provide opportunities to share research on many related topics as well.

As the conference begins to take shape, many have come forward to offer specific expertise to organize sessions both within and related to the conference's major themes. Below is a partial listing of topics which may inspire you, as you think about how to present your own work, together with the names of some of the organizers. Please note: this list is not by any means exhaustive! On the contrary, it's only a small sample of what will eventually appear on the program. Many other sessions are still in the making, and will be developed from the abstracts submitted to the scientific committee.

### *Fish for the future: recovering fisheries from crisis or collapse*

Post-Tsunami Damage Assessment and Rehabilitation (**Madan Dey, Bob Pomeroy**)

Rebuilding the Seafood Industry after a Natural Disaster: A Case Study of Hurricanes Katrina and Rita (**Walt Keithly**)

The Economic Effects of Climate Change on Fisheries (**Mahfuz Ahmed, Rognvaldur Hannesson**)

### *Ocean management: fisheries and the ecosystem*

Management of High Seas Fisheries (**Trond Bjorndal, Gordon Munro**)

Policy Day: Linking policy directions, industry needs and research priorities (**Diana Tingley**)

### *Aquaculture*

Economic Interactions of Farmed Salmon and North American Wild Salmon (**Cathy Roheim**)

Use of Fishmeal in Salmon Aquaculture: Sustainability, PCBs and International Trade (**Cathy Roheim**)

### *Development*

Fisheries Development: Vulnerability Reduction for Improved Fisheries Governance (**Eddy Allison, Benoit Horemans**)

### *Marketing*

### *International Trade*

The Use of Trade and Market-Related Instruments to Reinforce Fisheries Management Measures and Minimise IUU Fishing on the High Seas (**Cathy Roheim**)

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Note: **Bold** type names are IIFET members.

Trade Liberalization and Market Access Issues in Fisheries (**Mahfuz Ahmed**)

How Effective are Anti-Dumping and Countervailing Duties at Achieving their Goal? The Case of Seafood Trade (**Roger Corey, Walt Keithly**)

#### *Modelling*

#### *Policy and Management*

Roundtable Discussion: Does Capacity Analysis Help Us Meet Fishery Policy and Management Objectives? (**Cathy Roheim**)

Fishing Communities and Fishery Management: Economics and Property Rights (**Susan Hanna, Ragnar Arnason, Tony Charles, Rebecca Metzner**)

More detail describing each of these themes and sessions is available on the conference website at <http://www.iifet2006.org/>. At the conference website, you can also submit your abstract, and beginning in January 2006, you will be able to register online.

#### **Call for Abstracts**

Please submit your 250 word (maximum) abstract online at <http://www.iifet2006.org/>. Note the deadline of Friday, February 10. Please, don't everyone try to submit your abstract February 9 and break our lovely website!! A week or two early would be just fine, *thank you!* The Scientific Committee, ably headed by **Simon Mardle**, will review all abstracts for quality and relevance, and inform submitters of acceptance decisions by March 10.

#### **E-Posters**

We're trying a new format for posters this year. Instead of lugging along rolls of paper, cello tape, pushpins and crayons, we all get to go high-tech and create (appropriate fanfare please) E-POSTERS! This new innovation will be in the form of a powerpoint presentation of up to four slides in length. Nicola says: "The first slide should be the poster in its entirety, with the remaining three slides providing an opportunity to expand on the ideas presented therein." Email your presentations to CEMARE by June 9 so they can all be smoothly loaded onto projection devices for display at the conference. This could be a great format for certain kinds of presentations, or individuals who prefer one-on-one interaction to presentation in a larger group.



Dining aboard the *HMS Warrior*.

#### **Important Dates**

Monday 9 January 2006: Registration opens (online)

Friday 10 February 2006: Deadline for the submission of abstracts

Friday 10 March 2006: Acceptance decisions by Scientific Committee sent to authors

Thursday 11 May 2006: Deadline for the submission of completed papers for IIFET and ACRSP Best Student Paper Awards

Friday 9 June 2006: Deadline for the submission of e-poster presentations

Monday 10 July 2006: Conference registration desk opens and welcome reception

Tuesday 11 July 2006: Conference opens

Thursday 13 July 2006: Conference banquet

Friday 14 July 2006: Deadline for the submission of final papers for inclusion in proceedings (in hard copy and as a digital file) at conference registration desk by 12:00. Conference closes.

#### **Awards**

This year's conference will feature both the IIFET Best Student Paper Award, and three awards for the best student papers on aquaculture-related topics, sponsored by the USAID Aquaculture Collaborative Research Support Program

(ACRSP). Applicants for these awards must submit their completed papers by May 11, and will receive their prizes at the conference.

### Social Events

Our CEMARE hosts are organizing a welcome reception, in addition to the optional conference banquet which will be held on board the *HMS Warrior*, which floats at the dock in Portsmouth harbor. The evening will commence with a pre-dinner drink on the Upper Deck (weather permitting!) before we head below for a three course dinner served on the Gun Deck at mess tables set between the broadside guns, with their firing equipment overhead and close-quarter fighting arms alongside. This is a unique opportunity to experience a flavour of the lives of the 600 Victorian sailors who worked, slept and ate here. Steve, Anthony, Jesper—watch your heads on those low overhead beams!



Aboard the *HMS Warrior*.  
Talk about your loud roommate!

### Logistics, Accommodations, Registration

The conference will be held at the University of Portsmouth, conveniently located near the attractively renovated Portsmouth Harbor. There are frequent rail connections to Southampton airport and both of London's main international airports (Heathrow and Gatwick), and regular ferry crossings connect the city to the rest of Europe via the northern coasts of France and Spain. Reasonably priced and convenient accommodations will be offered in the University of Portsmouth halls of residence, from £29 per night. Arrangements will be made with area hotels, as well, to offer additional options at a range of prices. Check the conference website in January 2006 for information on how to book.

Registration fees will range from £175-335 depending on your IIFET membership status, whether you're a student, and time of registration. See the conference website (still <http://www.iifet2006.org>) for details, and register there, anytime after January 9. Your registration fee entitles you to attend the welcoming reception, four days of conference sessions, conference lunches, morning and afternoon refreshments, and conference proceedings. The conference banquet is optional, at an extra charge.

### Optional Pre-Conference Tour

The conference organiser is delighted to offer an optional four-day guided tour of the South West of England with emphasis on the fishing industry, past and present. This area also boasts a rich cultural heritage, which the tour will provide opportunity to explore. The itinerary is still being finalised, but full details, including the cost, will be available on the conference website (that would be <http://www.iifet2006.org>) before registration opens on Monday 9 January 2006.

### Companion Programme

Although we're not organizing a structured companion programme this time, an orientation session will be held after the opening ceremony on the first day of the conference (Tuesday 11 July 2006). This session will provide information on what to do and see in Portsmouth and the surrounding areas, in addition to giving companions an opportunity to meet each other. Companions will also be able to visit a stand in the atrium of the conference venue throughout the week. Staff there will be able to offer guidance on excursions and post-conference tourism etc. Tourist information about the vicinity can be found at <http://www.portsmouthand.co.uk>.

### Contact Us:

In the unlikely event you experience any difficulties using the online systems, please contact Nicola Waterman or Deborah Osborne by fax (+44 23 9284 4614) or email ([enquiries@iifet2006.org](mailto:enquiries@iifet2006.org)) for further information.

Please note: unless otherwise stated, all prices are in Pounds Sterling (GBP) and include VAT at 17.5%. As at November 2005, GBP 1 = USD 1.72.

## Scientific Committee

Prof. **Frank Asche**, Prof. **Trond Bjorndal**, Prof. **Jean Boncoeur**, Mr. **Anthony Cox**, Dr. **Hakan Eggert**, Prof. **Patrice Guillotreau**, Dr. John Lock, Dr. Inés Herrero, Mr. **Shabbar Jaffry**, Dr. **Simon Mardle** (Chair), Dr. **Rebecca Metzner**, Prof. **Sean Pascoe**, Prof. **David Whitmarsh**.

## Organising Committee

Dr. Helen Glenn (nee Pickering), Dr. **Simon Mardle**, Ms. Deborah Osborne, Prof. **Sean Pascoe** (Chair), Ms. **Ann Shriver** (Advisor), Ms. **Diana Tingley**, Ms. Nicola Waterman and Dr. **Premachandra Wattage**.

## Conference Sponsors

IIFET 2006 Portsmouth is organised by the Centre for the Economics and Management of Aquatic Resources (CEMARE) with the support of the University of Portsmouth and Portsmouth Business School. The conference is in receipt of financial support from DEFRA (UK), NOAA Fisheries (US) and the Aquaculture Collaborative Research Support Program (ACRSP) (US). Additional sponsorship opportunities are available; please contact [enquiries@iifet2006.org](mailto:enquiries@iifet2006.org) or [Ann.L.Shriver@oregonstate.edu](mailto:Ann.L.Shriver@oregonstate.edu) for more information.



## NEWS NOTES



### IIFET Mourns Passing of Joel Dirlam

*Dr. Joel Dirlam, well known and respected by many in IIFET, passed away recently. The following reminiscence was sent by John Gates of the University of Rhode Island.*

Joel was acting Chair in the Economics Dept. when Virgil Norton came to URI from the Bureau of Commercial Fisheries (now NMFS) in the late '60s. They put together our Ph.D program as a joint program drawn from Economics, Resource Economics and Business, administered by a Graduate Economics Faculty. I was vice Chair and Elton Rayack in Econ. was Chair of the Graduate Econ. Faculty. Joel & Virgil also had joint appointments in both Departments.

Joel was an Industrial Organization economist who later became interested in fisheries and had numerous fisheries projects over the years as well as serving on many student committees. He also served as an advisor to a NOAA fisheries committee and at the time of his death was a member of the Social Sciences Advisory Committee. Dan Georgianna, Phil Logan and I attended the memorial service at the University Club. More than a hundred attended and many spoke eloquently of his activism, from liberal political causes, no matter how hopeless, to saving the historic Kingston Train Station (now doing a lively business, I might add), to befriending "lost" students & faculty from France, Yugoslavia etc. Fred Kahn, a colleague and former head of the Federal Aviation Administration drove over from Ithaca and reminisced of their days in and after graduate school.

My wife and I were good friends with Joel and his wife, Barbara, who passed away about 3 years ago. Joel was 90 years young and still displayed an insatiable curiosity. It was not uncommon to get a call in the evening with a (somewhat odd) question, such as: "What do you know about the Lombard Rate?" After a long pause while I wracked my brain, I replied, "I would expect it had something to do with banking in Northern Italy." Joel proceeded to give me an outline of financial instruments he was interested in, from that region. He was like that. The night before his death, Jon Sutinen and I visited Joel in his nursing home where he was recovering from heart surgery. We posed a question about macroeconomics and capital flows about which we had been arguing while en route. We left him still pondering the question, but very much intrigued. The next day, my cell phone had a message from him spelling out the issues and the answer. It was the last time I heard his voice.

## Hot Internet Sites: oneFish, Many Ideas



Joan Baron  
Varley

IIFET members will be pleased to learn that our friend Joan Baron Varley is still plying her trade—premier purveyor of information, par excellence—at one of the internet’s hottest and most useful sites: <http://www.onefish.org> . This site, under Joan’s able coordination, has become a huge collection of every kind of information on fisheries you can conceive of—projects, donors, aquaculture, processing, technology, fishing, stakeholder organizations, and, importantly for IIFET, virtual offices.

A “Virtual Office” is a space in which information can be uploaded, stored, organized, and disseminated throughout the world by means of the magical wardrobe door which is the world wide web. IIFET’s Virtual Office <http://www.onefish.org/id/3892> has been in existence since 2001 and has developed in several useful directions. We’d like to invite you in for a visit to look at the latest additions, so please take a minute to pop down the hall for a cup of coffee and settle in for a tour.

### IIFET Proceedings

On the right side as you enter the IIFET office you’ll see a neat stack of items including proceedings of our biennial conferences from 1982 through 2004. They have stimulating and original titles such as “IIFET 1982” and “IIFET 2004”. Click on one of these and you will see a list of titles of all of the articles contained in the proceedings. Click on one of the titles and you’ll see a complete bibliographic reference, including an abstract and keywords. In some cases, e.g. 1998 and 2000, there are links to full text of the articles.

Why is this more convenient than thumbing through the dusty books of the past, you may ask? The main advantage is what I’ll call, for lack of a better term, “searchability”. In the search box present at each level of the bibliography, you can enter search terms—keywords or authors’ names—and come up with a list of items within that particular proceedings, or ALL IIFET proceedings, or the entire oneFish site, on the topic you’re interested in. (Be sure to limit your search to “current topic and subtopics” if you want to look only within a specific proceedings. If you want to search all IIFET proceedings, select the topic “IIFET Conference Papers” before you begin your search.)

### FEN

Through a generous agreement with the UK Seafish Industry Authority, IIFET has taken over dissemination of the publication formerly known as *Fisheries Economics Newsletter*. This publication was issued in print format for many years, and provided a list of fisheries economics articles published in a variety of journals, with abstracts. Recent past issues have been entered into the IIFET Virtual Office; issues 46-49 are accessible to anyone while more recent issues 50-51 and any future issues we are able to organize, will be available to IIFET members only.

### Topic Bibliographies

At the top of the stack you’ll notice several topic-specific bibliographies. One contains a listing of references on the “Economic effects of climate change on fisheries”. Another is our newest addition, the “Fisheries Economics Theses and Dissertations” registry. (Note: by theses and dissertations, we mean the major research projects which are normally done in conjunction with obtaining a master’s or doctoral degree.)

We’d like to ask for your help in building these last two resources. If you log in to oneFish (put in your username and password), and “enter” one of these resources by clicking on it, you should see a red “+suggest” button right in the middle of the page. To enter your thesis, or a resource on climate change and fisheries, click on this suggest button after selecting “document” (or other appropriate medium). You’ll see a form with blank spaces, some of which are required and some optional. It is very desirable to include both keywords (required) and an abstract (optional—please put it in the “description” space). When you’re done, click “submit” at the bottom, and it will come to me (the great and powerful IIFET VO editor) for approval. After I approve it, it will be added to the bibliography so that the next visitor can find your thesis or useful reference on climate change.

Ideally we would like to see every fisheries economics thesis or dissertation ever written listed in this registry. Don't assume you are ineligible just because you wrote yours in 1968, before I was born! And please, urge—nay, require!—your graduate students to participate.

I will end as I began this article, with a bow in the direction of the oneFish Goddess, Joan Baron Varley. If you have any questions at all about how this thing works, please do contact Joan, who is both pleasant and informative, and will be delighted to assist you, at [joan.baron@fao.org](mailto:joan.baron@fao.org).

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## PUBLICATIONS

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### ***Assessment, Management and Future Directions for Coastal Fisheries in Asian Countries***

Edited by Geronimo Silvestre, Len Garces, Ilona Stobutzki, **Mahfuzudin Ahmed**, Rowena Andrea Valmonte-Santos, Cesar Luna, Lualhati Lachica-Alino, Patricia Munro, Villy Christensen, and Daniel Pauly.

In Asia, the fisheries sector is important in terms of food security, livelihoods and foreign exchange earnings. However, as in many parts of the world, there are signs that capture fisheries are fully exploited or overfished. Management of fisheries in the region is often hampered by lack of information on the status of fisheries in terms of biological, social, economic, policy and governance aspects. This regional project documents an alarming decline on coastal fishery resources, based on historic research surveys in South and Southeast Asia. Socio-economic analyses and policy reviews highlight the importance of the fisheries sector but also the challenges facing it. Potential interventions to improve fisheries management in the countries are outlined and defined with environmental, socioeconomic and institutional objectives.

For more information, or to purchase, please visit:

<http://www.worldfishcenter.org/>



### ***GLOBEFISH Research Programme Vol. 80 Fishery Industry Profile – Russia***

Published by: FAO/GLOBEFISH, Rome, Italy

Before the Soviet Union disintegrated, the Russian fishery industry was the world's third largest behind Japan and China. It accounted for one-quarter of the world's production of fresh and frozen fish and about one-third of the world output of canned fish. Despite a significant fall in output after 1990 for economic, politic and climatic reasons, Russia is still among the world's top ten fishery producers. Moreover, due to high seafood exports, growing imports and high population, Russia represents a very interesting market for the seafood industry.

The aim of this report is to give a comprehensive overview of the Russian fishery sector and highlight the latest trends in catches, production and trade. The first chapter briefly introduces basic characteristics of the country: geography, population and economics. The second chapter is dedicated to the national capture fisheries; in particular the main fishing regions and the status of the Russian fishing fleet. The chapter also gives an overview of the most important farmed species (trout, carp, sturgeon, whitefish and scallop) and the latest trends in the national aquaculture sector. The price of this publication is €30.00.

For more information see:

<http://www.eurofish.dk/index.php?id=3103>

## Recently Completed Fisheries Economics Theses from the IIFET Thesis Registry

The following recently completed fisheries economics PhD theses are available in full text online at <http://www.foi.kvl.dk/Publikationer/Ph,-d,-d,-afhandlinger.aspx>

### *Production Economic Models of Fisheries: Vessel and Industry Analysis*

By **Jesper Levring Andersen**, Food and Resource Economics Institute, November 2005

Investigation of fishermen's behavioural patterns has been an important area within fisheries research. The importance hereof for both and economists is related to the fact that reduced economic benefits and collapse of fish stocks may be the outcome, if fishermen's behaviour is not accounted for. Fishery is an economic activity and the economic methodology is preferable to use, when the topic is approached from the perspective of producers, i.e. the fishermen. Since Jens Warnings seminal paper in 1911, economists have therefore participated in the behavioural analysis of fishermen.

The objective of this PhD thesis is to contribute with new aspects into fishermen's behaviour. The thesis is divided into two parts. The first part focus on factors influencing individual fishermen's behaviour. Besides a general review, some of the less investigated factors are analysed in detail, including which factors influence inefficiency, how to account for fish stocks and how fishermen seek to deal with uncertainty. The second part address the question of how to account for behavioural changes at the industry level following management changes. The primary method used in the thesis is Data Envelopment Analysis.

### *Managing Capacity in Fisheries*

By **Erik Lindebo**, University of Southern Denmark, December 2004

The inherent problem of overcapacity in world fisheries has been at the forefront of fisheries management discussions in recent years. The main cause has been the lack of property rights and negative externalities, resulting in a race for fish and fleet capacity overinvestment. A global approach to addressing overcapacity was formally initiated under the auspices of the FAO International Plan of Action on the Management of Fishing Capacity in 1999 and served as the motivation of this thesis.

The rationale is to apply FAO recommendations to measuring fishing capacity in European Union (EU) fisheries. Given the availability and level of physical and economic catch and vessel/fleet data, fishing fleets are analysed using Data Envelopment Analysis. Analytical extensions of economic capacity and industry multi-national capacity are offered. The thesis further considers inter alia the role of subsidies in EU fleet capacity management and the application of vessel decommissioning schemes.

### *Linkages between Seafood Markets, Fisheries Management and Trade Liberalisation: Theory and Applications*

By **Max Nielsen**, University of Southern Denmark, October 2004

Integrated models applied to study the linkages between seafood markets, fisheries management and trade liberalisation is an important field of research. On traditional non-seafood markets the development of integrated models focus on linking markets and trade liberalisation, with resource implications being of secondary importance. Owing to the presence of externalities in seafood markets, models should take into account that fisheries management plays a key role.

The objective of this PhD thesis is to contribute to the understanding of interaction between seafood markets, trade liberalisation and fisheries management. Subjects like does fish trade liberalisation increase welfare or is the result over-exploitation? and how does the structure and integration of international markets affect the fish price formation? are studied. Calibrating a Beverton-Holt based backward-bending supply curve of the east Baltic cod fishery identifies small welfare effects of eliminating tariffs under regulated open access, owing to elastic supplies, but large welfare gains of the potential introduction of optimal management. Partial integration of European first-hand whitefish markets is further identified using co-integration of price series.

## ***A Social Snapshot of the Columbia River Gillnet Fishery***

Many of you will remember IIFET Member Reverend **Irene Martin** from her presentation in the session on the Columbia River Pastoral Letters Project, which examined the work of religious denominations in resource management. Rev. Martin has just completed a study entitled “A Social Snapshot of the Columbia River Gillnet Fishery “. The study was done for Salmon For All, a not-for-profit organization of fishers and processors headquartered in Astoria. The study includes an examination of the permits in the session on the Columbia River Pastoral Letters Project at the IIFET 2000 Conference, their counties of residence, and social statistics including mortality rates, poverty rates, and other social indicators. Incomes from distant water fisheries are also included.

If you would like a copy, free of charge, please contact Rev. Martin at [imartin@tdn.com](mailto:imartin@tdn.com)



## ***Why Fish Piracy Persists: The Economics of Illegal, Unreported and Unregulated Fishing***

Published by OECD (Organisation for Economic Co-operation and Development)

Illegal, Unreported and Unregulated (IUU) fishing is a major factor undermining sustainability of fisheries. It occurs in both small-scale and industrial fisheries, in marine and inland water fisheries, as well as in zones of national jurisdiction and on the high seas. Recognizing the serious economic, social and environmental problems caused by IUU fishing activities, the OECD’s Committee for Fisheries, in the programme of work for 2002-2005 launched a study of which the detailed objectives were to:

- examine the environmental, social and economic effects of IUU fishing activities;
- explore the importance of high seas fisheries and the component of it which is IUU type fishing activity;
- identify and analyse the economic drivers behind IUU fishing; and
- provide an inventory and analysis of possible actions that can be taken.

The price of this publication is \$70.00. For more information, please visit:

<http://www.oecdbookshop.org/>



## ***Ocean Yearbook 19***

Edited by Aldo Chircop, and Moira L. McConnell

Published in cooperation with the International Ocean Institute and Dalhousie University Law School, *Ocean Yearbook*, Volume 19 presents original, peer-reviewed articles, reviews, and reference materials from experts in such diverse fields as governance and sustainable development, integrated coastal and ocean management, global and regional cooperation, and international law and environmental policy.

Volume 19 includes articles on: Canada’s Opportunity for Global Leadership in Ocean Resource Governance; Roles for a Precautionary Approach in Marine Resources Management; the First International Ocean Science Conference; Management Measures to Restore Sustainability to Shrimp Fry Fishing in Bangladesh; Subsistence Fishing Rights in South Africa; Poland’s Baltic Sea Fishery; the Importance of Controlling Eutrophication; the Economics and Ethics of Making Polluters Pay; the South Pacific Region’s Influences on Global Marine Environmental Policy-Making; the Challenges of Rising Sea Levels, Storm Surges and Shoreline Erosion; the Socioeconomic Implications of Siting Marine Protected Areas in the U.S.; Evaluating and Enhancing the Implementation of the Convention on biological Diversity; Maritime Security, Terrorism and the Consequences for the Shipping Industry; the Strategic Development of Liner Shipping Companies and Terminal Operators; Container Shipping in the European Ranges; Recent Seafarers Research; and a 21st Century Profile of Global Seafarers. The price of this publication is \$130.00

For more information, please visit:

<http://www.press.uchicago.edu/Complete/Series/OY.html>



# INTERNATIONAL INSTITUTE OF FISHERIES ECONOMICS AND TRADE

## Goals and Activities

The International Institute of Fisheries Economics and Trade is organized to promote discussion of factors which affect international production of and trade in seafood and fisheries policy questions. Designed to be attractive to individuals from governments, industry, and universities from all over the world, a major goal of the organization is to facilitate cooperative research and data exchange.

Membership in the organization is open to any individual for a fee of \$50.00 U.S. annually. Student memberships are \$15.00. U.S. Corporate/institutional memberships are \$250 US annually. Among its activities are preparing a directory which provides names, addresses and interests of Institute members, publishing a semiannual newsletter, and serving as a clearinghouse for cooperative research undertakings by bringing together members with common interests. Our most important activities in this regard are our biennial conferences, where academics, industry and government representatives, and international organizations from all of the world's major fishing and aquaculture regions gather to exchange and review academic, scientific and industry-oriented research on a broad variety of fisheries and seafood economics-related topics. To date, conferences have been held in the U.S., New Zealand, Canada, Denmark, Chile, France, Taiwan, Morocco, Norway, at Oregon State University in the U.S, and Australia. The 2004 Conference was held in Japan.

The Executive Committee of the Institute addresses policy issues and assists in planning conferences. **Dr. Mahfuz Ahmed**, WorldFish Center (formerly ICLARM), Malaysia, is the Institute's President. He and the following individuals comprise the Executive Committee: **Dr. Cathy Roheim**, University of Rhode Island, USA (President-Elect); **Dr. Jim Anderson**, University of Rhode Island, USA; **Dr. Claire Armstrong**, University of Tromso, Norway; **Dr. Tony Charles**, St. Mary's University, Canada; **Dr. Mafaniso Hara**, University of Western Cape, South Africa; **Dr. Richard S. Johnston**, ex-officio, Oregon State University, USA; **Dr. Yoshi Matsuda**, Kagoshima University, Japan; **Dr. Rebecca Metzner**, FAO, Rome; and **Dr. Carlos Wurmman**, Chile.

The Institute's Secretariat, located at Oregon State University, carries out the day-to-day activities of the organization: publications, correspondence, facilitating communication and cooperation among researchers, preparation of publications, and other administrative activities. We also maintain an electronic mailing list and up-to-date directory of electronic addresses. Our home page at <http://oregonstate.edu/Dept/IIFET/> contains many useful types of information for fisheries economists, including a directory of fisheries-related internet resources.

Several research and trade oriented sub-groups are coordinated by IIFET. These have included the Global Groundfish Markets Research Group, the Socioeconomics Network, and the Salmon Network. New subgroups are formed, as necessary, to meet membership needs.

The Institute provides an exciting opportunity for exchange of ideas among people from different countries and with different professional orientations. Please request a free copy of our Newsletter and application form from the IIFET Secretariat at [Ann.L.Shriver@oregonstate.edu](mailto:Ann.L.Shriver@oregonstate.edu) or by regular mail at the address on the membership application (verso). Any correspondence pertaining to this Institute can be sent to that address or to any member of the Executive Committee.

### Membership Fee Payments

Please refer to the application form for details. Members are billed annually in December for the following calendar year's fees.

### New Applicants

IIFET's annual membership period is January 1- December 31. New members should indicate which calendar year's membership they wish to purchase on their application form. If you join in the middle of a year, you will receive all membership materials for the year you indicate, including back issues if appropriate.

# **INTERNATIONAL INSTITUTE OF FISHERIES ECONOMICS AND TRADE**

## **MEMBERSHIP APPLICATION**

To join IIFET: Please **fill** in this form, and return it with your membership fee to the address indicated below.  
IIFET Memberships are sold on a *calendar* year basis. **Please indicate which year(s) you wish to purchase:** \_\_\_\_\_  
Please place an "x" next to the type of membership you would like to establish:

- Regular, Individual Membership: \$50/year (US)
- Student Membership: \$15/year (student memberships should be signed by department head)
- Corporate/institutional Membership: \$250/year (US)
- Family Membership: \$75/year (two individual listings, one set of publications)
- Library membership: \$100/year

**PAYMENT OPTIONS: You may pay by CHECK, payable in US \$ to: IIFET. Mail, with your completed application to:**



International Institute of Fisheries Economics and Trade  
Dept. of Agricultural and Resource Economics  
Oregon State University  
213 Ballard Extension Hall  
Corvallis, OR 97331-3601 USA

**OR you may pay by CREDIT CARD. Please DO NOT e-mail us any credit card information. You may fax or mail this form to the Secretariat. Please indicate which credit card you wish to use:**

- Visa                       Master Card                       Discover                       American Express

**Credit Card Number** \_\_\_\_\_ **Expiration Date:** \_\_\_\_\_

**Signature** \_\_\_\_\_

YOUR NAME (last, first) \_\_\_\_\_

Position or title: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing address: \_\_\_\_\_

City, State, Country: \_\_\_\_\_

Phone and Fax: \_\_\_\_\_

Electronic Mail and website addresses: \_\_\_\_\_

**Areas of interest (to be included in membership directory; please limit to 160 characters, including spaces)**

**Names and addresses of others who might be interested in IIFET:**

## ***Out of the Hands of Fishermen***

By Gary D. Sharp, Menakhem Ben-Yami and J. 'Russ' McGoodwin

This fully illustrated, full color volume provides readers from high school to professional levels with an account of the development of ocean fisheries from early hominid hunter-gatherers to the present. In the recent two to three centuries, humans have changed the structures and support systems for all the world's aquatic resources, often with devastating consequences to riparian, estuarine, and coastal fishing cultures. Ecological relationships and human roles within these are carefully illustrated to show their interdependencies.

The ultimate message is that humans must restructure their fisheries management around the idea that they are not the sole beneficiaries, nor the major consumers in the world ecosystem. Sustainability will be defined and reclaimed only by their rehabilitation of the hydrologic and habitat functions along with the full width and breadth of ecological functioning.

The authors maintain that it is not fishermen who have 'extincted' their options, but an ever-growing denial by the larger and more reluctant shorebound cultures who pretend that 'stability' is possible, particularly that of aquatic ecosystems, despite Nature's historical patterns and surprises. This publication is available for \$20.00.

For more information, please visit:

[http://sharpgary.org/FishermensHandsBrief\\_Order.pdf](http://sharpgary.org/FishermensHandsBrief_Order.pdf) OR <http://sharpgary.org/>



## ***Fisheries Co-Management: A Practical Handbook***

By **R.S. Pomeroy**, published by CAB International

During the last decade, there has been a shift in the governance and management of fisheries to a broader approach that recognizes the participation of fishers, local stewardship, and shared decision-making. Through this process, fishers are empowered to become active members of the management team, balancing rights and responsibilities, and working in partnership with government. This approach is called co-management. This handbook describes the process of community-based co-management from its beginning, through implementation, to turnover to the community. It provides ideas, methods, techniques, activities, checklists, examples, questions and indicators for the planning and implementing of a process of community-based co-management. It focuses on small-scale fisheries (freshwater, floodplain, estuarine, or marine) in developing countries, but is also relevant to small-scale fisheries in developed countries and to the management of other coastal resources (such as coral reefs, mangroves, sea grass, and wetlands). This handbook will be of significant interest to resource managers, practitioners, academics and students of small-scale fisheries. This publication is available for \$65.00

For more information, please visit:

<http://www.cabi-publishing.org/bookshop/BookDisplay.asp?SubjectArea=&Subject=&PID=1913>



## ***The Gulf of Alaska: Biology and Oceanography***

Edited by Phillip R. Mundy

The findings of expert researchers in several disciplines have been brought together in this book on the science of the Gulf of Alaska, a productive ecosystem hard hit by the 1989 oil spill. *The Gulf of Alaska: Biology and Oceanography* is a resource guide for scientists, students, and managers working in the Gulf of Alaska. Published by Alaska Sea Grant with financial support from the Exxon Valdez Trustee Council. This publication is available for \$25.00.

For more information, or to order, please visit:

<http://www.uaf.edu/seagrant/bookstore/pubs/AK-SG-05-01.html>

## Five Publications From Resources for the Future

### ***National Environmental Accounting: Bridging the Gap between Ecology and Economy***

By Joy E. Hecht

This book presents national environmental, or “green”, accounting as it has developed in Europe and other parts of the world. It introduces the most recent methods developed through the United Nations Statistical Department and other international organizations, but bridges the gap between the superficial treatment of environmental accounting in economics textbooks and environmental literature, on the one hand, and the highly technical manuals of international organizations, on the other. A nontechnical introduction to an increasingly important field, National Environmental Accounting is a must-read for anyone interested in how environmental accounts can help society move toward greater sustainability. Price: \$60.

### ***Managing Natural Wealth: Environment and Development in Malaysia***

By Jeffrey R. Vincent and Rozali Mohamed Ali

*Managing Natural Wealth* is an update to *Environment and Development in a Resource-Rich Economy: Malaysia under the New Economic Policy*. First published in hardcover in 1997, this book emphasized economics as a source for analyzing the issues involved in environmental and natural resource management in developing countries. This book analyzes major natural resource and environmental policy issues in the country during the 1970s and 1980s—a period of profound socioeconomic change, rapid depletion of natural resources, and the emergence of serious problems with pollution. It also includes a review of key developments since the 1990s. Price: \$85 (cloth) or \$32.95 (paperback).

### ***The Politics and Economics of Indonesia’s Natural Resources***

Edited by Budy P. Resosudarmo

The fall of Soeharto in 1998 provided the impetus for the transformation of Indonesia’s political system to one that is considerably more democratic and decentralized. But what has this meant for Indonesia’s natural resources? The stakes for the nation and the international community are considerable. In physical and biological resources, Indonesia is a wealthy country. It is a world leader in mineral exports, its rainforests account for more than 50 percent of the tropical forests in Southeast Asia and more than 10 percent of the world’s total, it has unique and extensive biodiversity resources, and its fisheries are some of the world’s most productive and threatened. The challenges in using and managing the vast natural resources of Indonesia, the world’s fourth most populous nation, are immense. They include ensuring that resources are exploited in a manner that is optimal for the economy, equitable for the population, and sustainable for future generations. Price: \$45.

### ***Private Rights in Public Resources: Equity and Property Allocation in Market-Based Environmental Policy***

By Leigh Raymond

Privatizing public resources by creating stronger property rights, including so-called rights to pollute, is an increasingly popular environmental policy option. While advocates of this type of market-based environmental policy tend to focus on its efficiency and ecological implications, such policies also raise important considerations of equity and distributive justice. *Private Rights in Public Resources* confronts these ethical implications directly, balancing political theory and philosophy with detailed analysis of the politics surrounding three important policy instruments—the Kyoto Protocol, the 1990 Clean Air Act Amendments, and the 1934 Taylor Grazing Act.

Raymond’s study reveals that, despite the different historical and ecological settings, the political actors struggled to reconcile similar arguments—and were often able to achieve a similar synthesis of conflicting ownership ideas. Price: \$55.

***Climate Change Economics and Policy: An RFF Anthology***

Edited by Michael A. Toman

In concise, informative chapters, *Climate Economics and Policy* considers the key issues involved in one of the most important policy debates of our time. Beginning with an overview and policy history, it explores the potential impact of climate change on a variety of domains, including water resources, agriculture, and forests. The contributors then provide assessments of policies that will affect greenhouse gas emissions, including electricity restructuring, carbon sequestration in forests, and early reduction programs. In considering both domestic and international policy options, the authors examine command and control strategies, energy efficiency opportunities, taxes, emissions trading, subsidy reform, and inducements for technological progress.

Both policymakers and the general public will find this volume to be a convenient and authoritative guide to climate change risk and policy. It is a useful resource for professional education programs, and an important addition for college courses in environmental economics and environmental studies.

*Climate Economics and Policy* is a collection of Issue Briefs, prepared by the staff of Resources for the Future (RFF) and outside experts. Many are adapted from pieces originally disseminated on Weathervane, RFF's acclaimed web site on global climate change. Price: \$30.95.

For more information, or to purchase, please visit:

<http://www.rffpress.org/>



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**Two Publications from NOAA**

***Benthic Habitats and Effects of Fishing***

Source: Fishnews Digest (September 9, 2005)

NOAA Fisheries Service announces the publication of *Benthic Habitats and Effects of Fishing*, edited by Peter W. Barnes (USGS) and James P. Thomas (NOAA). The volume will be released by the American Fisheries Society (AFS) for \$75 per copy (\$53 for AFS members) at their annual conference in Anchorage, AK. The book's contents result from a jointly sponsored NOAA-USGS-AFS-Ecological Society of America international symposium, *Effects of Fishing Activities on Benthic Habitats: Linking Geology, Biology, Socioeconomics, and Management*, held November 12-14, 2002, in Tampa, FL. The publication's papers and panel discussion provide a cross-section of research and analysis from physical and geological characterization and mapping of the seabed, its living resources, and effects of fishing to socioeconomic concerns and management of those effects.

For more information, contact [James.Thomas@noaa.gov](mailto:James.Thomas@noaa.gov)

**NOAA Releases Annual Status Of U.S. Fisheries Report for 2004**

NOAA has released its annual Report to Congress on the *Status of U.S. Fisheries for 2004*. For previously assessed stocks, the report shows the following changes: one stock has been fully rebuilt; six are no longer overfished; three stocks are no longer subject to overfishing; five stocks are now subject to overfishing; and three stocks are now overfished. In 2004, overfished and/or overfishing determinations were made for twenty stocks and stock complexes whose status was previously unknown.

On the Web: NOAA: <http://www.noaa.gov>

Status of Stocks Report to Congress: <http://www.nmfs.noaa.gov/sfa/reports.htm>

Fact Sheet listing overfished/overfishing changes in 2004:

[http://www.nmfs.noaa.gov/mediacenter/docs/status\\_of\\_stocks\\_fact\\_sheet.pdf](http://www.nmfs.noaa.gov/mediacenter/docs/status_of_stocks_fact_sheet.pdf)

## Three Publications from Eburon

### *Interactive Fisheries Governance: A Guide To Better Practice*

By Maarten Bavinck, Ratana Chuenpagdee, Mamadou Diallo, Peter van der Heijden, Jan Kooiman, Robin Mahon and **Stella Williams**

This guide presents a new and creative approach to the governance of fisheries and aquaculture in the world. Called interactive governance, this approach addresses the diversity, complexity and dynamics of fisheries and aquaculture systems through an inclusive, holistic and adaptive framework that is principle-based, with an emphasis on partnership and learning. The guide suggests that all governance systems stand to benefit from the change in perspective that is proposed in this volume.

The practitioner's guide is meant for policy makers, scientists, and other stakeholders in the fields of fisheries and aquaculture. The guide is the outcome of a three-year collective exchange of ideas that arose out of concern with the way in which fisheries governance is commonly conceived and practised. The enhancement it proposes is interactive governance, which is based on the idea that the challenges in fisheries can be addressed only if the participants work and learn together. The contributors to this practitioner's guide are part of the network FISHGOVFOOD (now known as FISHGOVNET), which includes natural and social scientists from different parts of the globe. The Centre for Maritime Research (MARE) in the Netherlands acts as the network co-ordinator. SISWO/Social Policy Research provided the necessary facilities. This publication is available for €17.50.

### *Closing the Commons: Norwegian Fisheries from Open Access to Private Property*

By **Bjørn Hersoug**

After working more than 25 years with the Norwegian fisheries, Professor Bjoern Hersoug thought it was high time to present some of the writing hitherto only available in Norwegian. Bjorn indicates that this is the first publication in English describing the entire closing process from the 1930s to present days (2005). An excerpt from the cover text:

According to the Norwegian Minister of Fisheries “to date no public right has been turned into private property and no one has gained rights in perpetuity to even one kilo of fish” (Ludvigsen 2005). Still rights and accompanying quotas are being bought and sold at increasing prices, without much political attention. The Closing the Norwegian Commons traces the development of limited access back to the 1930s, when a licencing system was established for trawlers operating in Norwegian waters. The process is followed through the closing of the offshore fleet in the 1970s, and the coastal fleet in the 1990s. As per 2005 more than 90% of all Norwegian fisheries are closed through various licence systems and rights of participation.

This process is not the result of any grand design, but the gradual development through 70 years of fisheries policy, where the present “end result” is rapidly approaching a system based on Individual Transferable Quotas (ITQs), well known from Iceland and New Zealand, among others. The book describes and analyses the process, including also related sectors, such as aboriginal fisheries by the Saami, recreational fisheries and aquaculture. Price: €35.00

### *Successful Fisheries Management: Issues, Case Studies and Perspectives*

Edited by **Stephen Cunningham** and **Tim Bostock**

Fisheries management has been characterised by failure rather than by success. Weak or dysfunctional governance systems have resulted in fishers operating under perverse incentive structures, leading to the economic and biological overexploitation of fish resources, and threatening the very existence of some species.

Amongst the widespread failure, there are nonetheless some success stories. This book centres around seven case studies, ranging from the Pacific halibut fishery to traditional community-based management in India, from the Australian Northern prawn fishery to artisanal fishing in Senegal, and from co-management initiatives in Shetland, the

management of hake fisheries in Namibia, to the Mauritanian fish trade, each of which demonstrates some facets of successful fisheries management.

The failure of fisheries management has been widely analysed, its successes far less so. *Successful Fisheries Management* outlines ways to improve fisheries management, by drawing on successful management experience to identify the fundamentals of good practice. Given the multi-faceted nature of success, there is no unique recipe. The book suggests however that, for those involved in the development and promotion of more effective fisheries management, the major challenge is not to do the same things better, but to do them differently. This publication is available for €25.00.

For more information on these publications, please visit:

<http://www.eburon.nl/>

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## ELECTRONIC PUBLICATIONS AND OTHER RESOURCES

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### ***FDA's Evaluation of the Seafood HACCP Program for Fiscal Years 2002/2003***

This evaluation covers the status of domestic and international seafood processors and importers in Fiscal Years 2002 and 2003 in operating preventive controls under the U. S. Food and Drug Administration's Hazard Analysis Critical Control Point (HACCP) Program. These Fiscal Years essentially represent the fifth and sixth years of the seafood HACCP program.

This is the third such evaluation. The first was issued on December 8, 2000, and the second was issued on September 30.

HACCP is a science-based system of preventive controls for food safety that commercial seafood processors develop and operate to identify potential problems and keep them from occurring. The FDA HACCP program was designed to increase the margin of safety that U.S. consumers already enjoyed and to reduce those illnesses that do occur to the lowest possible levels.

Please visit: <http://www.cfsan.fda.gov/~comm/seaeval3.html>



### ***Fish Economics: The Benefits of Rebuilding U.S. Ocean Fish Populations***

By **Ussif Rashid Sumaila** and Elizabeth Suatoni

U.S. fish stocks are a valuable natural resource that provides a wealth of environmental and economic benefits.

This technical paper assesses some of the economic benefits associated with rebuilding a number of valuable federally managed ocean fish populations that have been declared overfished, determining the potential net present value (NPV) that can be derived by the commercial and recreational sectors from rebuilding 17 different overfished stocks from around the United States. Two management scenarios were analyzed and compared.

The results indicate that the potential to increase net economic benefits from currently overfished stocks of the United States is high if the stocks are rebuilt. It is therefore economically sensible to stay the course with respect to restoration of overfished U.S. stocks. Indeed, it appears that much can be gained from strengthening these efforts.

To view this technical paper, please visit:

<http://www.e2.org/ext/doc/2005%20Fish%20Economics.pdf> OR  
<http://www.fisheries.ubc.ca/announce/index.php>

## **NOAA Fisheries Hosts Constituent Call on Magnuson-Stevens Reauthorization**

Source: Fishnews Digest (August 26, 2005)

On September 20, Assistant Administrator for Fisheries Dr. Bill Hogarth hosted an open conference call with constituents interested in the Administration's proposal to reauthorize the Magnuson-Stevens Fishery Conservation and Management Act. After some brief remarks, most of the call was devoted to a question and answer session. An audio recording of the call is available online along with a copy of the bill, press release, and sectional analysis. Related fact sheets are also posted online.

Please visit: <http://www.nmfs.noaa.gov/msa2005/>



## **New Document Provides Information on Navigating the Nation's MMAs**

Source: Fishnews Digest (August 19, 2005)

The National Marine Protected Areas Center and NOAA's Office of Coast Survey are working jointly to include information about the nation's Marine Managed Areas (MMAs) in the U.S. Coast Pilot series (produced by NOAA) to improve safe navigation and coastal stewardship. A new document, now posted at <http://www.mpa.gov>, provides an overview of the "Navigating the Nation's MMAs" project, using the coast of central California as a model to demonstrate NOAA's approach. It is estimated that by the end of 2005, information about existing MMAs will start making its way into U.S. Coast Pilot books.

For more information contact: [Aaron.King@noaa.gov](mailto:Aaron.King@noaa.gov)



## **NOAA's Coral Bleaching E-mail Alert System Now Active**

Source: Fishnews Digest (August 19, 2005)

The NOAA Coral Reef Watch Satellite Bleaching Alert system is an automated e-mail system designed to monitor the status of thermal stress conducive to coral bleaching. The Alert System was developed by the NOAA Coral Reef Watch satellite team as a tool for coral reef managers, scientists and the interested public. Currently, the alert messages are available for 24 coral reefs around the world. Click here to sign up for bleaching alerts for any or all of these reefs. Reefs may be added or removed from a subscriber's list at any time.

For more information on the entire suite of NOAA's Coral Reef Watch satellite products, visit: <http://coralreefwatch.noaa.gov/satellite/index.html>



## ***Fisheries Ecosystem Planning for Chesapeake Bay***

Source: Fishnews Digest

At the recent Chesapeake Bay Colloquium of the Estuarine Research Federation 2005 Conference, NOAA Fisheries Service convened a special session to explore "Challenges to & Prospects for Large Marine Ecosystem-based Fisheries Management". For more information, read *Fisheries Ecosystem Planning for Chesapeake Bay* at [http://noaa.chesapeakebay.net/docs/FEP\\_DRAFT.pdf](http://noaa.chesapeakebay.net/docs/FEP_DRAFT.pdf) or contact [Margaret.McBride@noaa.gov](mailto:Margaret.McBride@noaa.gov)

## Gulf of Mexico - NOAA Web Site Addresses Hurricane Environmental Impacts

Source: Fishnews Digest (October 23, 2005)

NOAA is working with other agencies to evaluate the potential environmental impacts of Hurricane Katrina on living marine resources. Objectives include:

- survey water, sediment and fish/shrimp for indications of toxics and pathogens, and assisting in monitoring seafood safety
- satellite monitoring
- assess impact on species distribution and abundance
- assess marine mammal and turtle health
- model movements of water masses that may contain harmful agents
- assess impacts on coastal wetlands
- assess socioeconomic impacts
- monitor for harmful algal blooms

More information on each of these topics is available at: [http://www.st.nmfs.gov/hurricane\\_katrina/](http://www.st.nmfs.gov/hurricane_katrina/)



## NOAA'S National Marine Sanctuary Program Launches Online Encyclopedia of Marine Life

Source: Fishnews Digest (August 19, 2005)

NOAA's National Marine Sanctuary Program has announced a new free online resource that highlights the diverse marine life of America's ocean and Great Lakes treasures. The *Encyclopedia of the Sanctuaries* offers photos, streaming video and important facts for more than 100 key animal and plant species from each of the national marine sanctuaries.

The *Encyclopedia of the Sanctuaries* allows users to search for their favorite species or browse the wildlife of each sanctuary by category, ranging from spiny lobster to killer whales and from white-tipped reef sharks to sea anemones. The encyclopedia entry for each species includes a photo, quick facts, information about its diet, habitat, distribution and status, and links to outside resources for more information. Many of the entries also offer engaging, high-quality video clips of species in their natural habitats, making the "Encyclopedia of the Sanctuaries" a great resource for educators, students of all ages, zoos and aquaria, science and technology centers, and natural history museums.

The online encyclopedia was developed by NOAA in partnership with the National Marine Sanctuary Foundation and The Ocean Channel, Inc., a California-based new-media corporation. It is part of a continuing effort to enhance the public's understanding and appreciation of the ocean environment.

The Encyclopedia is available online at: <http://sanctuaries.noaa.gov/education>



## NMFS' Annual Yearbook Publishes FAO's Estimates of Per Capita Consumption

Source: Fishnews Digest

NMFS' annual yearbook, *Fisheries of the United States*, is available electronically.

The current edition, *Fisheries of the United States-2004*, is a preliminary report for 2004 on commercial and recreational fisheries of the United States with landings from the U.S. territorial seas, the U.S. Exclusive Economic Zone (EEZ), and on the high seas. It contains lots of useful data, including historical US consumption figures.

For more information, and to download the document, please visit: <http://www.st.nmfs.gov/st1/fus/fus04/index.html>

## Resources Available Online from Fisheries Management Science Program

The UK Department for International Development (DFID) Fisheries Management Science Programme (FMSP) has recently made available a booklet and briefs containing lessons and experiences relating to fisheries co-management arising from FMSP research. The associated briefs on data collection guidelines for co-managed fisheries and ParFish integrated stock assessment toolkit will also be of interest to many of you. All of these products can be accessed through the webpage <http://www.fmsp.org.uk/r8470.htm>. Among the resources are:

1) Co-management booklet: This document reviews the experiences of FMSP in fisheries co-management. The document is structured around the steps in the co-management process: policy formation; management planning; implementation and evaluation. It provides a collection of experiences and lessons learned together with tools and criteria that can be used at different stages of the management process. The booklet has been prepared for all institutions, individuals and organisations interested in fisheries management in a developing country context.

2) Synthesis brief: This is a rapid overview of the lessons learned and the tools developed through the FMSP projects covering the challenges of co-management, the principles that have been developed through international experience and how FMSP has developed tools to put these principles in practice. Key lessons are drawn out for the planning and evaluating of local co-management plans, and the wider institutional, legal and vulnerability constraints. This brief is targeted at fisheries managers, researchers and facilitators working to achieve successful fisheries co-management in a developing country context.

3) Policy Brief. The policy brief provides a summary of the lessons for co-management from a policy perspective. It describes the lessons learned through the FMSP programme of developing, implementing and evaluating policies to support co-management. It is targeted at fisheries policy and decision makers involved in the fisheries sector.

4) Keysheets: New knowledge about how to manage common pool resource (CPR) fisheries in Developing Countries is emerging from a project funded through the DFID-funded Fisheries Management Science Programme (FMSP). On behalf of FMSP, IDDRA (an EU-based research institution) has prepared four keysheets, which address the problems of CPR fisheries. The keysheets are based on FMSP funded research conducted over the past 11 years on a wide range of fisheries (coastal, inland, industrial, artisanal) and regions (the South Pacific, West and East Africa, South Asia, the Caribbean).

For further information, please visit <http://www.fmsp.org.uk> or contact Robert Arthur ([r.arthur@mrag.co.uk](mailto:r.arthur@mrag.co.uk))



### ***Wasted Fishery Resources: Discarded By-Catch in the USA***

By Jennie M. Harrington, Ransom A Myers & Andrew A Rosenberg

Fishery by-catch, especially discarded by-catch, is a serious problem in the world's oceans. Not only are the stocks of discarded species affected, but entire trophic webs and habitats may be disrupted at the ecosystem level. This paper reviews discarding in the marine fisheries of the USA; however, the type, diversity and regulatory mechanisms of the fisheries are similar to developed fisheries and management programmes throughout the world. The authors have compiled current estimates of discarded by-catch for each major marine fishery in the USA using estimates from existing literature, both published and unpublished. The authors did not re-estimate discards or discard rates from raw data, nor did they include data on protected species (turtles, mammals and birds) and so this study covers discarded by-catch of finfish and fishable invertebrates. For some fisheries, additional calculations were required to transform number data into weight data, and typically length and weight composition data were used. Specific data for each fishery are referenced in Harrington et al. (*Wasted Resources: Bycatch and discards in US Fisheries*, Oceana, Washington, DC, 2005).

This paper can be found at [http://oceana.org/fileadmin/oceana/uploads/Big\\_Fish\\_Report/faf\\_201.pdf](http://oceana.org/fileadmin/oceana/uploads/Big_Fish_Report/faf_201.pdf)

## FAO Launches Website on Agricultural Practices and Resources, Including Fisheries

Source: SAMUDRA News Alert (November 30, 2005) & the UN website

The best way to get rid of rodent pests is now just a mouse click away for farmers around the world with the launch today of two web-based information services by the United Nations Food and Agriculture Organization (FAO) which provide general and technical information on global agriculture and natural resources.

The web sites, called Ask FAO and Best Practices, are attached to FAO's main site and will be constantly updated by its agricultural experts, the agency said. Ask FAO includes an area where anyone can ask for advice on individual problems, as well as answers to a range of frequently asked questions. The Best Practices site will contain continually-updated information on food production techniques that have proven effective in various parts of the world. Both sites feature links to "Fisheries and aquaculture management and conservation".

Visit the websites at:

Ask FAO: <http://www.fao.org/askfao/home.do>

Best Practices: [http://www.fao.org/bestpractices/index\\_en.htm](http://www.fao.org/bestpractices/index_en.htm)



## Catch-22: Conservation, Communities and the Privatization of B.C. Fisheries

Catch-22: Conservation, Communities and the Privatization of B.C. Fisheries is a new study that investigates the economic, social and ecological impacts of federal fisheries licensing policy, especially those promoting individual fishing quotas (IFQs). Under an IFQ system, an individual or company owns a preset portion of the total allowable catch. Quotas can be bought, sold or traded like shares on a stock exchange. IFQs are considered a form of resource privatization.

The Department of Fisheries and Oceans (DFO) has implemented IFQs in the geoduck, halibut, sablefish, groundfish trawl and three shellfish fisheries. It is currently developing a controversial plan to implement IFQs in B.C.'s salmon fishery.

The report found that many of the major reforms of B.C. fisheries in the 1990s, including the introduction of IFQ programs and Mifflin Plan in the salmon industry, represented a catch-22 for fishing-dependent communities. DFO's solutions created as many economic, social and ecological problems as they solved.

Website: <http://www.ecotrustcan.org/catch-22.shtml>

Whole article: <http://www.ecotrustcan.org/pdf/Catch-22-November2004.pdf>



## Marine Priority Conservation Areas Identified in New Report

The Commission for Environmental Cooperation (CEC) of North America and the Marine Conservation Biology Institute (MCBI) have released a report, *Marine Priority Conservation Areas: Baja California to the Bering Sea*, that highlights 28 important places to protect biodiversity along the Pacific coast of North America. To produce the report, the CEC and MCBI convened marine scientists in a series of scientific workshops to discuss which areas are essential for protecting the biological diversity of North America's west coast. This report synthesizes the recommendations of nearly 200 scientists from non-governmental organizations, academic institutions and the governments of the three nations in North America, including National Marine Protected Areas (MPA) Center scientists.

The map and 132-page book of the marine priority conservation areas are available upon request from the National MPA Center while supplies last; contact [Daphne.Pee@noaa.gov](mailto:Daphne.Pee@noaa.gov) to obtain a hard copy. The book and map are also posted online.

The CEC is an international organization created by Canada, Mexico, and the United States under the North American Agreement on Environmental Cooperation. It was established to address regional environmental concerns, help prevent potential trade and environmental conflicts, and promote the effective enforcement of environmental law. Click here to learn more about the National MPA Center's involvement with CEC.

Please visit: <http://www.cec.org/home/index.cfm?varlan=english>



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## Resources From The Institute for European Environmental Policy (IEEP)

### *Ghost Fishing by Lost Fishing Gear*

By James Brown , **G. Macfadyen**; Poseidon Aquatic Resource Management Ltd , T. Huntington; Poseidon Aquatic Resource Management Ltd , J. Tumilty; Poseidon Aquatic Resource Management Ltd , Jessica Magnus

'Ghost fishing' is the term given to the continued fishing by fishing gear that has been lost or abandoned. It is largely confined to 'passive gears' such as gillnets, trammel nets, wreck nets, and traps. It is a phenomenon that has attracted attention over the past two decades given the sometimes graphic images of fish and other marine life entangled in lost nets, illustrating the potentially wasteful and destructive impacts of lost fishing gear. However, the real extent of the problem is not well known at the present time. This report is the output of a six-month research project funded by the Environment Unit of DG Fisheries and Maritime Affairs of the European Commission. Evidence suggests that ghost fishing from 'active' fishing gears such as trawl nets and from 'static' pot fishing is not significant in European Union (EU) waters, and the focus of this project is therefore on ghost fishing in static set-net fisheries. The work in essence attempted to answer the following three questions: What are the main gaps in our knowledge about the extent of ghost fishing; based on what we do know, to what extent is ghost fishing a serious issue in European Union waters; and if it is a problem, how effective are gear retrieval programmes and other management options in dealing with it? The project involved a detailed literature review, brief surveys with selected fisheries in the EU, a workshop of industry participants and specialist fisheries researchers, and desk-based analysis and report writing.

For more information see: <http://www.ieep.org.uk/publications/pdfs/2005/ghostfishing.pdf>

### *An Account of the Dolphin-Safe Tuna Issue in the UK*

By James Brown

Virtually all canned tuna in the UK is labelled as dolphin-safe despite the fact that the market is almost exclusively skipjack tuna. It is thus not implicated in the dolphin bycatch problem associated with the yellowfin tuna of the Eastern Tropical Pacific consumed in the USA. There were a range of different motives among processors and retailers in adopting the labelling scheme in the UK. The scheme may be more of a marketing ploy, promoted by the major processors, than an eco-label forced upon the market through consumer and environmentalist power. Environmental groups can nonetheless be credited with driving the development of initial first-party labelling schemes into the present, more independent, second-party scheme. The scheme now in place in the UK is different from that in the USA, being preventative, ensuring that tuna sold does not become dolphin-un-safe, rather than actively addressing a specific existing environmental problem. This article is published in *Marine Policy* 29 (2005) 39-46.

<http://www.ieep.org.uk/publications/pdfs/2004/dolphinsafetuna.pdf>

### *INDECO: Indicators - An Overview Internal Paper for Discussion*

By James Brown, Dirk Reyntjens

This note was prepared as a follow-up on the INDECO kick-off meeting on 15.12.2004. It is not intended to be an exhaustive literature review. Rather its function is to assist in forging an agreement on terminology and definitions; conceptual frameworks; and criteria for indicator selection

<http://www.ieep.org.uk/publications/pdfs/indeco/overviewdiscussion.pdf>

### ***Managing Europe's inshore fisheries: harnessing the new European Fisheries Fund***

By Clare Coffey

The overall goal of this report is to enable decision-makers, fisheries managers and other practitioners, to harness the potential of the EFF for inshore waters. The report begins by placing the unique qualities and role of inshore waters and their fisheries in the context of the EU, then addresses the challenges facing the emerging EFF for promoting the sustainable development of the inshore sector. Opportunities arising from the proposed EFF are defined in relation to past aid with FIFG, which, it is argued, is failing to counteract the special pressures on inshore waters or cater positively for their special attributes. Specific funding needs of the inshore sector are identified and measured against the capacity of the EFF to deliver for them. Overall, the analysis is intended to help shape the EFF proposal. It should also assist Member States and regional managers to maximise the opportunities for inshore waters afforded by the EFF once it is adopted, given that they will have considerable latitude in how they deploy the available funds.

<http://www.ieep.org.uk/publications/pdfs/inshorefisheries/harnessingeuropeanfisheriesfund.pdf>

### ***Sustainable Development and the EC Fisheries Sector***

By Clare Coffey

The purpose of this report is to set out some critical issues for the EC fisheries sector from an environmental perspective, and to contribute ideas to the development of alternative policies and management approaches. Chapter 2 provides an analysis of relevant environmental issues and policies, followed in Chapter 3 by an outline of the European fisheries sector. The main structure and workings of the Common Fisheries Policy are detailed and analysed from an environmental perspective in Chapter 4. Chapter 5 looks at the impending review of the fish stock conservation and management policy in the run up to the year 2002 and discusses some options for realigning European fisheries policy towards the goal of sustainable development.

<http://www.ieep.org.uk/publications/pdfs/1999/SDandECFisheries.pdf>

### ***INDECO: A Review of the Current Management Framework - Policy Objectives for Which Indicators are Needed***

By James Brown, Dirk Reyntjens

This report constitutes deliverable number 4 of the INDECO project. The aim of the report is to identify the policy objectives for which indicators are needed as a tool to measure effectiveness. INDECO is a Sixth Research Framework Programme on the 'Development of Indicators of Environmental Performance of the Common Fisheries Policy'.

<http://www.ieep.org.uk/publications/pdfs/indeco/D04indicators.pdf>

### ***INDECO: Review of the Usage of Socio-economic Indicators on the Environmental Impact of Fishing Activities***

By Helene Rey-Valette, Clotilde Bodiguel, **Steve Cunningham**, **Poul Degnbol**, Troels Jacob Hegland, **Sten Sverdrup-Jensen**, **Robert Aps**

This report constitutes deliverable number 8 of the INDECO project. The aim of the report is to review the usage of socio-economic indicators on the environmental impact of fishing activities. INDECO is a Sixth Research Framework Programme on the 'Development of Indicators of Environmental Performance of the Common Fisheries Policy'.

<http://www.ieep.org.uk/publications/pdfs/indeco/INDECOD08socioeconomicindicators.pdf>

### ***Analysis of the Legal and Institutional Policies relating to the South West***

By James Brown, Clare Coffey

The report commissioned by IEEP for Invest in Fish South West reviews fisheries management options within the current international, EU and UK legislation.

<http://www.ieep.org.uk/publications/pdfs/2004/investinfishreport.pdf>

## CONFERENCES, WORKSHOPS AND SEMINARS

*Due to the proliferation of conferences of potential interest to our diverse membership, we have limited information to a simple calendar format. Detail will be provided on selected conferences only (featured conferences are marked with a \* in the calendar).*

### Calendar of Events

Date	Topic/Title	Location	Contact Information
January 25, 2006	Salmon 2100 Project: Alternative Futures for Wild Pacific Salmon in Western North America	Portland, Oregon, USA	E-mail: <a href="mailto:lackey.robert@epa.gov">lackey.robert@epa.gov</a>
February 26- March 2, 2006	*Sharing the Fish - Allocation Issues in Fisheries Management 2006 Conference	Fremantle, Western Australia	Web: <a href="http://www.fishallocation.com/">http://www.fishallocation.com/</a> E-mail: <a href="mailto:info5@eventedge.com.au">info5@eventedge.com.au</a>
March 5-7, 2006	Seafood Mideast Oman Conference	Muscat, Oman	Web: <a href="http://www.infofish.org">http://www.infofish.org</a> E-mail: <a href="mailto:infish@po.jaring.my">infish@po.jaring.my</a> OR <a href="mailto:infish@tm.net.my">infish@tm.net.my</a>
March 21-22, 2006	2006 FAMPS Conference "Guiding Food and Agricultural Marketing Policy in the Face of Changing Market Structures"	Arlington, Virginia, USA	Web: <a href="http://www.famps.uga.edu/">http://www.famps.uga.edu/</a>
March 24, 2006	Envecon 2006: Applied Environmental Economics Conference	London, UK	Web: <a href="http://www.eftec.co.uk/home.php?section=8">http://www.eftec.co.uk/home.php?section=8</a>
March 26 - April 2, 2006	DISCCRS II Symposium	Pacific Grove, California, USA	Web: <a href="http://www.aslo.org/phd/discrsposter.pdf">http://www.aslo.org/phd/discrsposter.pdf</a> <a href="http://aslo.org/phd.html">http://aslo.org/phd.html</a>
April 19-21, 2006	17th Global Warming International Conference and Expo (GW17)	Miami, Florida, USA	Web: <a href="http://globalwarming.net/">http://globalwarming.net/</a>
May 17-19, 2006	International Conference on Economics of Poverty, Environment, and Natural Resource Use	Wageningen, The Netherlands	Web: <a href="http://www.socialsciences.wur.nl/enr/research/conference2006/">http://www.socialsciences.wur.nl/enr/research/conference2006/</a> E-mail: <a href="mailto:conference.enr@wur.nl">conference.enr@wur.nl</a>
May 25-27 2006	Tuna 2006 Bangkok	Bangkok, Thailand	Web: <a href="http://www.infofish.org">http://www.infofish.org</a> E-mail: <a href="mailto:infish05@yahoo.com">infish05@yahoo.com</a>
June 3-8, 2006	12th International Symposium on Society and Resource Management (ISSRM)	Vancouver, BC, Canada	Web: <a href="http://www.issrm2006.rem.sfu.ca">http://www.issrm2006.rem.sfu.ca</a>
June 25 – 28, 2006	2006 World Conference on Natural Resource Modeling	Bergen, Norway	E-mail: <a href="mailto:stein.steinshamn@snf.no">stein.steinshamn@snf.no</a> OR <a href="mailto:martha.smoras@snf.no">martha.smoras@snf.no</a>
July 3-7 2006	3rd World Congress of Environmental & Resource Economists	Kyoto, Japan	Web: <a href="http://www.eaere.org/eaere_conf.html">http://www.eaere.org/eaere_conf.html</a>
July 10-12, 2006	6th Mtg on Game Theory & Practice in Development, Natural Resources and Environment	Zaragoza, Spain	Web: <a href="http://www.iamz.ciheam.org/GTP2006/">http://www.iamz.ciheam.org/GTP2006/</a>

Date	Topic/Title	Location	Contact Information
July 11-14, 2006	IIFET 2006 Portsmouth: Biennial Conference of the International Institute of Fisheries Economics and Trade (IIFET)	Portsmouth, UK	Web: <a href="http://www.iifet2006.org">http://www.iifet2006.org</a> E-mail: <a href="mailto:enquiries@iifet2006.org">enquiries@iifet2006.org</a> OR <a href="mailto:Ann.L.Shriver@oregonstate.edu">Ann.L.Shriver@oregonstate.edu</a>
September 10-14, 2006	AFS Socioeconomics Symposium Balancing Stakeholder Interactions	Lake Placid, NY, USA	Web: <a href="http://www.fisheries.org">http://www.fisheries.org</a>

## CONFERENCE HIGHLIGHT

### Sharing the Fish Worldwide

How are fisheries resources going to be allocated equitably within countries and between nations in the future? Will more national and international laws be needed to monitor and regulate fisheries allocations? How can indigenous and recreational fishers ensure they also get a piece of the pie?

These are some fundamental questions that will be deliberated on during the *Sharing the Fish – Allocation Issues in Fisheries Management 2006 Conference* at the Esplanade Hotel, Fremantle, Western Australia from February 26 to March 2, 2006.

The conference is hosted by the Western Australian Department of Fisheries in cooperation with the United Nations' Food and Agriculture Organization (FAO) and supported by the Australian Government Department of Agriculture, Fisheries and Forestry (DAFF) and the New Zealand Ministry of Fisheries.

*Sharing the Fish 06* will allow participants to focus on resource allocation issues and the sustainability of fisheries worldwide. Fisheries managers, policy makers, researchers and fishers will benefit from a wide range of topics and experiences of allocation issues presented by speakers (<http://www.fishallocation.com/speakers/index.html>) from Canada, the United States, Iceland, Argentina, India, Bangladesh, New Zealand and Australia.

Other abstracts have been received from the Solomon Islands, Papua New Guinea, the United Kingdom, Norway, Finland, the Netherlands, Ukraine, Brazil, West Africa, South Africa, Zambia, Cameroon, Iran, Pakistan, Sri Lanka, Japan, and the Philippines.

The three key themes of the conference are:

- Allocation across jurisdictions - including governmental, regional and multilateral issues (Monday, February 27);
- Allocation between sectors (Tuesday, February 28); and
- Allocation within sectors (Wednesday, March 1).

Also subject to expressions of interest, the FAO will also organise a two-day pre-conference workshop; "Ways & Means of Allocating Resources" (<http://www.fishallocation.com/program/Preworkshop.html>) for Thursday, February 23 (Explicit and Direct Means of Allocation) and Friday, February 24 (Indirect, Implicit and de facto Means of Allocation).

For further information about the conference, its speakers, plenary sessions and workshops, the social program and partner activities, please visit <http://www.fishallocation.com.au> or contact the Conference Secretariat, EventEdge (<http://www.fishallocation.com/contact/index.html>).

## NOTE TO MEMBERS

Any comments or suggestions members may have on the content and style of the *IIFET Newsletter* are appreciated. Please send your comments as well as news items to the IIFET Secretariat.

The *IIFET Newsletter* is issued semiannually by the International Institute of Fisheries Economics and Trade. The newsletter editorial assistant is Kara Keenan. Correspondence pertaining to items which appear in this newsletter (except where identified to the contrary) and any news items should be sent to:

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### Which Way to the Internet?

All IIFET members are automatically subscribed to the IIFET electronic list. This list is used to distribute important announcements about IIFET and other events, job openings and publications. Traffic is deliberately kept low to avoid burdening members with unwanted mail. If you have an e-mail address and are not receiving one to five messages from IIFET per week, we do not have your correct address. Please send e-mail to: [Ann.L.Shriver@oregonstate.edu](mailto:Ann.L.Shriver@oregonstate.edu) and notify us of the problem.

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