



IIFET 2000: Growth and Change

Our tenth biennial conference took us to new heights of variety and interdisciplinary interaction. July 10-14 this year, 540 academics, industry members, and resource managers from 46 countries (47 if you count Scotland!) met in Corvallis, Oregon to share a unique experience which revolved around, but did not limit itself to, fisheries and seafood economics, at IIFET's tenth biennial conference.

The conference theme, "Microbehavior and Macroresults", was examined by renowned economist Thomas Schelling, who put participants in the right state of mind to begin an analysis of the root causes of individual human behaviors which cumulate in results affecting the whole of society. From this wellspring ran a variety of concurrent themes, comprised of over 80 individual sessions.

IIFET 2000 Speaker Awarded Nobel Prize for Economics

Daniel McFadden of the University of California, Berkeley, has been awarded the "Bank of Sweden Prize in Economic Sciences in Memory of Alfred Nobel 2000", aka the Nobel Prize for Economics. His most significant contribution, according to the Royal Swedish Academy of Sciences, is "his development of the economic theory and econometric methodology for analysis of discrete choice. A recurring theme in McFadden's research is his ability to combine economic theory, statistical methods and empirical applications, where his ultimate goal has often been a desire to resolve social problems"

Dr. McFadden's presentation at IIFET 2000 was on "The Travel Cost Method for Valuing Recreational Fishing — Issues of Sampling, Estimation, and WTP for Site Improvements."

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Themes included:

- The Food Industry: Views of those who are in it and those who study it
- Capacity and Efficiency: Measurement and conceptual issues
- Fishery Management and Fishery Development
- Applying Biological and Social Science Concepts to Resource Management
- Markets and Prices: Industry, Research and Policy Perspectives
- Aquaculture: Pros, cons and the future
- Resource Use: Perspectives of different religions, cultures and disciplines
- International Trade: Conceptual, empirical and policy issues
- Property Rights
- Communities
- Obeying the Law and Political Economy
- Consumer Choice: Perspectives of the health, behavioral and social sciences
- Non-market Valuation and Recreational Fisheries
- Collaboration with Industry and Across Disciplines
- Creative thinking in Economics and Other Disciplines: Lessons for fishery analysts?
- Interdependencies between Seafood Markets and Fishery Management

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IIFET 2000 Speaker Chosen President-elect of AAEA

Jean Kinsey has recently been elected President-elect of the American Agricultural Economics Association. Dr. Kinsey is a Professor in the Department of Applied Economics at the University of Minnesota, where she has been on the faculty since 1976. She is also the Director of the University of Minnesota's Retail Food Industry Center. Her Ph.D. is from the University of California at Davis, CA. Her research and teaching have been on topics of food consumption trends and demographic changes in the household, information economics, the value of time, Indian gambling impacts on local communities and on consumer confidence and buying behavior.

At IIFET 2000, Kinsey spoke on "Retail Food Distribution: The Race to Efficiency". According to Rod Moore, Executive Director of the West Coast Seafood Processors Association, who chaired the session in which Dr. Kinsey's presentation was made, "She gave an excellent presentation on the future of retail markets. The changes she described will have a great deal of impact on the buying and selling of seafood. It is the sort of information all should be aware of, from harvester, processor and wholesaler to retailer, since it really shows trends in what is going on with the consumer."

Jean Kinsey was instrumental in obtaining funding support for other speakers at the conference and, in fact, the University of Minnesota Retail Food Industry Center is listed as one of the IIFET 2000 Conference Sponsors.

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Sessions of particular interest to the seafood industry were concentrated on Wednesday, and included Generic and Brand Promotion, The Food Industry, Industry Development, Innovations and Product Forms, and Industry Sourcing. These sessions featured speakers from the food industry.

Given the size of the program, it is only possible to mention a small fraction of all the sessions here; I apologize for neglecting so many valuable and important contributions. To see the complete program, please visit the Website at <http://osu.orst.edu/dept/IIFET/2000>. In the following article, Dick Johnston will begin to provide summary and perspective on some of the presentations.

With all of these sessions to choose from, many were ready for a break by the end of each afternoon. Monday evening featured a reception, Tuesday an American-style

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His theory of discrete choice resolves the problems of traditional demand analysis, which assumes that individual choice can be represented by a continuous variable, and thus makes it inappropriate for use in analyzing choices from a finite set of decision alternatives (occupations, modes of travel, recreation sites, energy using appliances, housing location and types). Furthermore, available data cannot include measures of all factors that affect such choices. McFadden's work addresses both the conceptual and empirical issues of modeling discrete choices and allows the researcher to "predict the share of a population that will choose different alternatives".

In addition to his work on discrete choice analysis, Dr. McFadden was a pioneer in the "reformulation of production theory, using duality, in terms of market data" and, in recent years, has been a major contributor to environmental economics, especially on contingent valuation methods.

In Dr. McFadden's well-attended talk at IIFET 2000, he reported on a survey of recreational fishermen in Montana and, in the process, reviewed methodological developments involving three sets of related issues: approaches to collecting appropriate data, specification and estimation of demand models, and translation of demand estimates to measures of willingness-to-pay for improvements in fishing sites. According to University of Alberta economist Peter Boxall, who delivered a paper of his own on recreation demand models, "Dan McFadden is one of the few Nobel Prize winners who are working in the resource economics area. In his IIFET paper, he illustrated some of the problems in the area and outlined new econometrics methods developed by him and his colleagues."

For further information, please visit <http://www.nobel.se/announcement/2000/econfoen.html>.

barbecue in the park, Wednesday a difficult choice between dinner at a local winery, a "walk in the woods" with a demonstration of forestry management techniques used to mitigate negative effects on fish, and a showing of Makah filmmaker Sandy Osawa's films "Usual and Accustomed Places" and "On and Off the Res with Charlie Hill". Thursday evening featured a closing banquet with entertainment.

Friday offered a chance to escape the conference rooms for Oregon's scenic and productive coast. Some participants chose to take advantage of the sunshine to visit scenic areas, while others were regaled with tales of the

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development of the West Coast fishing industry, led by Captain Barry Fisher.

One of the most impressive and productive things about IIFET 2000 was the degree of interest and respect shown by the original IIFET members, to our "guests" from other disciplines. Many who were unfamiliar with fisheries economists were clearly enjoying themselves, due to the hospitality and interest we demonstrated. Conference coordinator Pam Garland (aka the registration lady), perhaps expressed it best when she said, "Wow! These

folks really enjoy each other! I've never seen anything like it." High praise, from a person who has seen many conferences come and go.

When small problems arose the tolerant and positive attitude of the participants made everything turn out well. From a professional perspective, many participants demonstrated openness to, and interest in, the new ideas presented. So, all the hard work has paid off, and from the organizing team-Dick Johnston, Ann Shriver, Pam Garland, and Debi Mandigo- to all participants, a hearty thanks for coming, interacting, and making the very best of everything.

IIFET 2000: Reflections and Summaries, Part 1

by Conference Organizer **Richard S. Johnston**

The article below is part 1 of a contribution by Dick Johnston to a better comprehension of the variety of topics presented at IIFET 2000. Additional installments will be found in future IIFET Newsletters.

"Too much to choose from," was a common lament of participants in IIFET 2000, reflecting the neoclassical economics problem of choice in the presence of resource (here, time) constraints. But, no matter what sessions you attended, you were likely to hear suggestions for improving, rejecting or better utilizing the economics paradigm. Many of the suggestions came from economists, themselves. Here is a smattering of some of the observations.

Oregon State University's **William Robbins**, echoing the sentiments of other respected historians, argued against the view that there are "technical solutions to all human problems...(and)...the belief that scientific modeling and econometric principles would usher in the brave new world of sustainable resource extraction." He suggests that "defining salmon (or any fishery...) solely in economic terms...ignores the fundamental, qualitative values of our cultural world." Robbins shares the view of economist Robert Samuelson that the American people don't "merely expect things to get better. We (expect) all social problems to be solved." He suggests that this attitude has led to failed attempts to use computer models, aquaculture, enhancement programs and other technical "solutions" to reverse the decline of the world's fisheries.

Three participants in The Catholic Bishops' Pastoral Letter Project added another dimension: what they see as the abuse of economic and political power. **Frank Fromherz**, Director of the Office of Justice and Peace of the Archdiocese of Portland, **Irene Martin**, a Presbyterian minister who also fishes commercially with her

husband, and **Steven Kolmes**, a biologist at the University of Portland, outlined the issues pertaining to endangered salmonid restoration, with particular reference to the Columbia River and detailed the goals of the Project, which includes "to promote a vision of a just and sustainable way for the people of the watershed region to relate to the rivers." Fromherz reminded the audience of the roles of rivers and watersheds in human history and, reflecting a worldview similar to those expressed by the indigenous peoples at the conference, urged decision-makers to choose watershed restoration over construction of water purification plants. This is more likely if we return to the view that "rivers and watersheds are our teachers and mentors, not only our servers and caretakers."

Is economics capable of dealing with the views of different religious and cultural groups? Consider the evidence. Australia's **Alistair McIlgorm**, an economist, puts forward a Christian perspective, arguing that "the biblical and eco-theological worldview is significantly different from that of the "western mind"...which (as Robbins argued) emphasizes reason, is highly categorical (A, B, C,...,Z) and searches for perfect solutions..." The latter view leads to dependence on fisheries enforcement and "the letter of the law." McIlgorm asks, instead, "How do we get people to act responsibly and maturely when no one is looking?" It is a matter of the attitude of the individual and "transformation of character is required to produce the good steward." Christianity can contribute.

But so can Islam. OSU's **Karim Hamdy**, of the Office of International Research and Development, argues that,

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in the case of natural resource management in Islamic countries, use of the participatory approach, drawing on local belief and traditions (Islamic-based indigenous knowledge of nature) trumps the Western emphasis on improved productivity and the use of cost-benefit analysis. According to classical Muslim dogma, for example, the preservation of water is a form of worship. Nonetheless Hamdy demonstrates the consistency of the Qur'an with current secular/scientific criteria for resource sustainability, from respect for natural ecosystems to the need for environmentally sound development strategies.

Differences between the cultural values of indigenous peoples and the practices of the dominant cultures characterize resource management in many countries. In his discussion of "Indigenous Relationships within Their Environment", Nuuchahnulth (Canada) Chief **Tom Mexsis Happynook**, Founding Chairman of the World Council of Whalers, suggested that "cultural diversity and bio-diversity are not separate but in fact need each other." Thus "most indigenous practices, such as fishing, hunting, and gathering have a (deep) ecological management role." In contrast to the view that humans are dominant over the environment, indigenous peoples have lived within the "law of nature." These two perspectives lead to different systems of justice, laws and cultural practices. For example, in the case of small scale whaling, Happynook argued that calling it "subsistence" in the sense of "survival" demeans the indigenous peoples' view that humans have a responsibility to preserve "the ecological relationships that unite hunters and the hunted," a perspective totally missed by both environmentalists and resource managers from the colonial world.

David Natcher, of the University of Alberta's Canadian Circumpolar Institute, reported on the differences between the views of professional foresters trained in the "western" tradition and those of the aboriginal occupants of a vast forested region in Alberta, Canada (that houses numerous wildlife species and rare vegetation). A project to uncover aboriginal cultural values revealed problems with the standard methodologies (e.g., contingent valuation methods) in this setting, including their failure to account for spiritual, health and identity values, the danger of missing the worldview of the native community by using survey questions that focus on specific biophysical features of the environment, and the difficulty of capturing the "pluralism of values" (e.g. gender differences) within native communities. OSU ecologist **Jesse Ford** drew on her own research experience to argue that utilizing traditional ecological knowledge can help in the quest for successful sustainability

planning. She points out that "...conservation practices are often produced as a byproduct of cultural practices that are not necessarily focused on conservation."

Are these views necessarily in conflict with the perspective of the social scientist, especially the economist, and, for that matter, with the western view of science? This is a question for the ages but a couple of ongoing efforts to address parts of it were identified. In their "Back to the Future" work, a University of British Columbia team that includes fishery scientist **Tony Pitcher**, psychologist **Nigel Haggan**, economist **Rashid Sumaila**, and Haida Nation Fisheries Programme Director **Russ Jones** is developing models of past ecosystems, reconstructed from "historical documents, archaeology, local and traditional environmental knowledge....Economic evaluation of past systems can then be compared with present and alternative ecosystems."

University of Arizona economist **John Tschirhart** has struggled with aspects of the question from the perspective of embracing the many linkages between economies and ecosystems. He reported on a computable general equilibrium model of an ecosystem in which "organisms demand and supply biomass between each other." In this model, individual organism behavior is central to population adjustments, rather than adjustments of entire populations to each other. The approach, which is illustrated with data from an Alaska ecosystem, permits a detailed view of the complex interdependencies and interactions among species and has important policy implications.

But is this an example of "misplaced concreteness?" Iowa State University historian **Joseph (Jay) Taylor**, sharing his own search for understanding of the relationship between fish landings and El Nino, cautions against drawing cause and effect conclusions from apparent correlations between time-series values of different variables, especially if one of the variables is generated from outside one's own discipline. But in seeking help from other disciplines, Taylor was given conflicting information and joined those scholars who "have grown skeptical of objective truth. We are increasingly willing to admit that bias is intrinsic to social knowledge." In the end he, himself, would have to "choose among competing claims." Taylor's experiences with interdisciplinary research, culminating in his 1999 publication, *Making Salmon: an Environmental History of the Northwest Fisheries Crisis*, forced him to "grow comfortable with ambiguity."

Is there a lesson here for economists? Economist **Cornelius (Casey) van Kooten**, now at the University of Nevada, reviews "fuzzy logic" approaches to valuation of non-market goods. Van Kooten argues that these approaches

address the problems of uncertain preferences arising from ambiguity in the description of the amenity being valued (e.g., an ecosystem) or through difficulty in expressing tradeoffs. He applies the measures to forest preservation and water quality issues, using estimates of the degree to which survey respondents are comfortable with bid prices they provide for these amenities. It is tempting to ask if such approaches hold promise for assessing values (perhaps appropriately re-defined) held by individuals outside of western cultures?

Australian economist **David Campbell**, in the context of discussing compensation for the loss or diminution of native title rights, offers some concrete suggestions for valuing cultural and material benefits. He proposes examining how the behavior of indigenous communities is affected by changes in rights through analysis of the effects on the communities' choice sets.

Clearly many fine scholars are addressing these tricky, but critical, issues. Only some of the contributions have been touched on here. More summaries will be provided in future newsletters.



News & Notes

2000 Distinguished Service Award

The IIFET Distinguished Service Award was presented at the IIFET 2000 conference to **Rognvaldur Hannesson**, Professor of Economics at the Centre for Fisheries Economics of the Norwegian School of Economics and Business Administration. Rognvaldur was recognized for his many contributions to both IIFET and the fishery economics discipline. An active participant in IIFET conferences for years, Rognvaldur served as the Chair of the Executive Committee during one of its most productive periods.

Rognvaldur has also contributed greatly to the literature on resource economics. The author of respected books on fishery economics, he has papers in some of the leading academic journals, including the Journal of Environmental Economics and Management, the Canadian Journal of Economics, Land Economics, and the European Economic Review. He has also participated in the fishery management debate in a variety of forums, to which he always brings leadership, intellect, insight and a terrific sense of humor, the very attributes he has brought to IIFET. Congratulations, Rognvaldur, on this well-deserved recognition.

➤ IIFET XI 2002: NEWS FLASH! ➤

The site of IIFET 2002 has been selected by the Executive Committee. Brisbane, Australia will provide an exciting conference venue. The conference, tentatively titled "Sustainable Seafood for Trade, Tradition, and Tourism", will be organized by **Noel Taylor-Moore** of the Queensland Department of Primary Industries.

Proposed themes include:

1. Multi-dimensional and integrated decision making processes: Health and seafood; Social and psychological processes; Gender issues; Indigenous management and philosophy; Success of economics in fisheries management; Socio-economic impacts of adjustment; Seafood and culture; Recreation and fishing; Anthropology of fisheries; Food-chain economics; and Futuring.

2. Precautionary approaches to fisheries management: Mining the environment, restoration, enhancement of ecosystems; Bio-economic modelling; Ecosystem modelling; Industry economic performance; Fisheries data and management; Seafood quality; Downstream effects; and Sustainability indicators for fisheries management.

3. Global dimensions of environmental impacts of actions and policies: International environmental instruments; Coastal and off-shore fisheries; Jurisdiction and governance; and Economics of aquaculture bio-remediation.

4. Diversified and growing economy and conservation capacity building: Marine protected areas and buffer zones; Endangered and threatened species; Ecopolitics of fisheries; and Fish stocking.

5. Ecologically sustainable international competitiveness: International trade barriers; International food chains; Seafood demand and supply; Marine Stewardship Council and ecolabeling; Market competition; Free trade v fair trade; Economics of seafood standards (ISO); New products from aquaculture.

6. Cost effective and flexible policy instruments: Monitoring, surveillance and compliance; Fishery management; Fishing rights; and Valuing the environment.

7. Community engagement: Traditional economies and community fishing; Recreational fisheries; Industry associations; Consultation processes; and Valuing fisheries.

The tentative dates for the conference are **July 14-19, 2002**. Please mark your calendars! (And beginning to get the all-important funding support in order!) We hope to see all of you down under.

News & Notes, continued

New Executive Committee Members

The Executive Committee and Executive Director would like to thank outgoing IIFET President **Trond Bjorndal**, and Executive Committee members **Pablo Alvarez**, **Harry Campbell**, **Mounir Lamine**, and **James Muir** for their years of service to IIFET. **Trond Bjorndal's** leadership has moved IIFET into a new millenium in a strong position to face many new challenges.

New Executive Committee members were elected in June to represent you for the 2000—2004 term. These are **Ola Flaaten** of OECD, **Arcadio Cerda** of the University of Talca, Chile, **Faathin Hameed** of the Maldives Ministry of Fisheries, Agriculture & Marine Resources, and **Jenny Sun** of the National Taiwan Ocean University. **Harry Campbell** of the University of Queensland has been re-elected, this time to serve as President Elect until the 2002 conference, and as President from July 2002 until mid 2004. Congratulations to the new President Elect and Executive Committee members, and thanks to all who participated in the election.



IIFET 2000 Proceedings?!

On to the question burning in the minds of all readers: what about the proceedings? We are indeed in the throes of preparing these, and will be greatly assisted in this if all of you who have missed the July 13 deadline for submission would SEND YOUR PAPERS IN! It's not too late; send an email to Debi.Mandigo@orst.edu and let her know your plans (we'd like to know for sure if you do not plan to submit a paper, too, but hope there aren't too many of you out there!). She will be very grateful if you comply with the author guidelines (see the Website at <http://osu.orst.edu/dept/IIFET/2000/authinst.html>). You may well imagine the amount of work it would be to reformat each of your 500 papers! As we receive the papers, we are attaching them to the revised program— <http://osu.orst.edu/dept/IIFET/2000/program.html>— on the Website. There, they will be internet accessible to all participants who wish to check their own formatting, and download the papers they were unable to see presented. However, this is not the final product—all papers submitted will be included in a permanent proceedings. Stay tuned to your IIFET channels (e-list, Newsletters, word of mouth) for updates.

New IIFET Members

For the first time, IIFET membership for the year was included in the price of registration for the IIFET biennial conference. Therefore, we are in the process of welcoming several hundred new members to our network. We hope that their experience is so positive and useful that they will choose to continue the association in future years, making our network grow in size, breadth, and depth. These new members have been added to the IIFET electronic list, the Membership Directory, and Newsletter mailing list. Please make them welcome and encourage them to stick with us for the long haul, as we continue our biennial migration around the world to new conference sites.



Membership Fee... "Developments"

Given the steadily increasing cost of running the IIFET Secretariat, the Executive Committee has found it necessary to raise annual membership dues from \$40 to \$50 for individuals, beginning at the end of calendar year 2000. Student membership fees will be \$20.

It may help you to deal with the sticker shock to understand how the IIFET Secretariat is run. Our entire budget must be covered by funds raised by IIFET; there is no central funding from any governmental or international body. Oregon State University generously provides office space, but no funding for salaries, printing and mailing costs, etc. Currently, all support comes from you, the members-- which is as it should be, since you receive the benefits. This support comes from membership dues, and a portion of your conference registration fees.

We currently have about 400 individual members, but only about 75% of you are able to pay membership dues. We never turn anyone away for an inability to pay fees, preferring to enlarge our network and be as inclusive as possible. Therefore many from developing countries or countries where foreign exchange is impossible to come by, are given fee waivers. We will continue to offer the option of sponsoring members who can not pay, on your membership dues form; please consider helping out with any level of subsidy you can provide. Or, offer a gift membership to a colleague—it's a great way to improve our network, which benefits all of us. Your Secretariat is grateful for every dollar, and we do our best to stretch them as far as possible. Thanks for your continued support!

PUBLICATIONS

To have your publication included in the IIFET NEWSLETTER, send a review copy or announcement to the secretariat (address on back page).



Oregon Sea Grant Publications



Tuna Sandwich HACCP Plan

By K.S. Hilderbrand Jr. A model HACCP plan for companies producing tuna sandwiches. Includes samples of process flow diagram, hazard analysis and HACCP plan. 2000. Publication No. ORESU-I-00-001 Project No. A/ESG-4. Available only on-line: <http://seagrant.orst.edu/sgps/onlinepubs.html#i00001>

Lower Columbia River Estuary Program Biological Integrity Workshop

Edited by S. Ridlington Proceedings of a conference held May 13-14, 1999 in Sandy, OR. Among the questions addressed were: Is biological integrity a philosophy, or is it a measurable quality? Can we identify the subsystems that constitute biological integrity? Can the subsystems be measured by a suite of indicators? If so, what would they be? Can the health of the river be described by a metric or a number of metrics? ORESU-W-99-002; 36 pages; \$5.

Change and Resilience in Fishing

Edited by Susan Hanna and Madeleine Hall-Arber. This collection of papers provides information on the human components of fisheries by looking at fishing families, communities, and regions in their resource contexts and examining some of the difficult challenges of management and outreach. ORESU-B-00-001; 176 pages; \$10 plus \$3 shipping and handling.

Salmon: Why Bother?

Six concerned Oregonians give their own views about why they are involved in helping restore salmon and their watersheds. ORESU-V-99-001; 12 Minutes, Color, VHS; Purchase Price: \$12, Rental: \$5, Shipping \$3.50 except rentals.

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Dangerous Waters!

An interactive CD-ROM computer game that puts players through a series of fast-paced recreational boating simulations. Boating information is presented with colorful clips, splash graphics, and amusing sound effects. Dangerous Waters! is intended to be used at educational exhibits and boat shows where boating safety is taught. Sample cruise: <http://seagrant.orst.edu/sgps/multimedia.html>. 1999. ORESU-C-99-001. 1-10 CD-ROMS-- \$19.95 each, plus postage.

The following publications may be available from your local library, on interlibrary loan from the Oregon State University library, or from the National Sea Grant Depository, Pell Library Building, University of Rhode Island, Bay Campus, Narragansett, RI 02882.

Firm-Level Hedonic Analysis of U.S. Produced Surimi: Implications for Processors and Resource Managers

By S.L. Larkin and G. Sylvia. 2000. Publication No. ORESU-R-00-009 Project NO. R/SF-5 Source: Marine Resource Economics 14:179-198. 20 Pages.

From Single-Species to Biodiversity- Making the Transition in Fisheries Management

By S.S. Hanna. 1999. Pub. No. ORESU-R-99-018 Project No. R/OPF-48 Source: Biodiversity and Conservation 8:45-54. 10 pages.

Institutional and Legal Arrangements for Coastal Management in the Asia Pacific Region

By R. Hildreth. Publication No. ORESU-R-97-029 Project No. R/PPA-41; Source: Integrated Coastal and Marine Resource Management. Proceedings of International Symposium, Batu, Malang, November 25-27, 1997.

Human and Habitat Needs in Disaster Relief for Pacific Northwest Salmon Fisheries

C.L. Smith and J. Gilden. 2000. Publication No. ORESU-R-00-005 Project No. R/FDF-2 Source: Fisheries 25(1):6-14. 9 pages.

Books by Edward Elgar Publishing

Development Policies in Natural Resource Economies

Edited by Jörg Mayer, Brian Chambers and Ayisha Farooq

This book examines the factors that influence economic growth and sustainable development in countries with a significant natural resource sector. It addresses the key issue of how to make the primary sector sufficiently productive to provide for investment in both itself and other sectors of the economy. 1999. 232 pages. 1 84064 009 X \$80

Global Environmental Problems and International Environmental Agreements: The Economics of International Institution Building

By Timothy M. Swanson and Sam Johnston

Global environment problems arise out of the accumulated impacts from many years' and many countries' economic development. To address these problems the states of the world must cooperate to manage their development processes together - this is what international environmental agreements are designed to do. But can the world's countries cooperate successfully to manage global development? How should they manage it? Who should pay? 1999 204 pages. 1 85898 751 2 \$95.00



Climate Policy and Development

Edited by Axel Michaelowa and Michael Dutchke

Industrialized countries strive to fulfill at least part of their obligation to reduce greenhouse gases by investing in projects in developing countries rather than at home. Developing countries have been rather critical of this idea. This book outlines the development of the international negotiations on the subject and analyzes different design options for the Clean Development Mechanism (CDM), taking into account the various groups, especially host countries.

Two case studies show the problems that are likely to be encountered by CDM and illustrate the importance of active host country involvement. The authors discuss the problems that will be addressed by forthcoming negotiation rounds and propose practical solutions for the CDM including baseline-setting, institutional structure and credit sharing. Moreover, a long term view on linking climate and development policy is taken to achieve an equitable allocation of emission rights. July 2000. 240 pages. 1 84064 331 5 \$85.00

Reconciling Trade & the Environment: Lessons from Case Studies in Developing Countries

By Veena Jha, Anil Markandya and René Vossenaar

Based on eleven case studies undertaken by research institutes in developing countries, this book provides detailed empirical evidence from Brazil, China, Columbia, Costa Rica, India, Malaysia, The Philippines, Poland, Thailand, Turkey and Zimbabwe. The central questions addressed :

- Has the international program of trade liberalization affected the environment negatively?
- Are stricter environmental regulations in both developed and developing countries having an effect on exports and imports; how can these effects be addressed?
- What impacts, if any, result from differences in environmental standards between richer and poorer countries?
- What impacts have multilateral environmental agreements had on trade flows between developed and developing countries?
- What impacts are firms' voluntary measures to protect the environment having on the export flows from developing and transition countries?

1999. 384 pages. 1 84064 072 3 \$95.00

The Economics of Transition in Laos - From Socialism to ASEAN Integration

By Yves Bourdet

Since 1986 Laos has been engaged in radical reform designed to transform its repressed socialist economy into a market economy open to international trade and investment. This book analyzes the successes and failures of economic transition in the context of the institutional and political constraints faced by the reform process. It focuses on the change from a socialist economic system to a market oriented system, and the transfer from subsistence to market agriculture. May 2000. 192 pages. 1 85898 747 4 \$75.00

Biodiversity, Conservation and Sustainable Development: Principles and Practices with Asian Examples

By Clem Tisdell.

A case for integrating biodiversity conservation with economics, demonstrating how this integration can work in practice. 1999. 288 pages. 1 85898 735 0 \$90.00

Contact:

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<http://www.e-elgar.com>



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 seafoods 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 anyone 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 US, New Zealand, Canada, Denmark, Chile, France, Taiwan, Morocco, and Tromsø, and Norway. The 2002 Conference will be held in Brisbane, Australia.

The Executive Committee of the Institute addresses policy issues and assists in planning conferences. **Dr. Lee Anderson**, University of Delaware, USA, is the Institute's President. He and the following individuals comprise the Executive Committee: **Dr. Mahfuz Ahmed**, ICLARM, The Phillipines; **Dr. Harry Campbell**, University of Queensland, Australia, (President-Elect); **Dr. Arcadio Cerda**, Univeristy of Talca, Chile; **Dr. Ola Flaaten**, University of Tromso, Norway; **Dr. Faathin Hameed**, Ministry of Fisheries, Maldives; **Dr. Susan Hanna**, Oregon State University, USA; **Dr. Richard Johnston**, Oregon State University, USA (ex-officio); **Dr. Jenny Sun**, National Taiwan Ocean University, Taiwan; and **Dr. Cathy Wessells**, University of Rhode Island, USA.

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 World Wide Web Home Page can be found at <http://www.orst.edu/Dept/IIFET/> It 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 include the Global Groundfish Markets Research Group, which is comprised of members from most nations participating in groundfish trade. The group has published descriptive and analytical reports, models global and regional trade flows in groundfish, and collects data on groundfish trade and landings. The Socioeconomics Network serves as a vehicle for planning, coordination, and information sharing on subjects at the interface of economics and other social sciences. The Salmon Network aims to facilitate interaction between research and trade in its subject area.

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@orst.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 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 print out this form, fill in the blanks, and send it with your membership fee to the address indicated below.

IIFET Memberships are sold on a *calendar* year basis. **Please indicate which year 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)
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- ____ 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
fax: 1(541) 737-2563 phone: 1(541) 737-1414

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:

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Credit card number _____ Expiration Date _____

Signature _____

YOUR NAME: (last, first) _____

Position or title: _____

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:

Note: Upon receipt of your completed application, you will be given an opportunity to subscribe to the *Marine Resource Economics Journal*. Look for an optional subscription form with your welcome packet.

If you have any questions about IIFET, its goals or activities, please do not hesitate to contact Ann Shriver (Executive Director) at Ann.L.Shriver@orst.edu, or call 1(541) 737-1416.

Publications, continued

Review of Fisheries in OECD Countries - 2000 Edition

Volume I: Policies and Summary Statistics

This publication describes major developments affecting fisheries in OECD countries in 1997, including changes in government policies, trade, and fisheries and aquaculture production. Resource managers in OECD countries continued to be occupied with ensuring the sustainable use of capture fisheries. In many cases ensuring sustainable use involved reductions in fishing capacity, effort and catch limits. With both capture fisheries and aquaculture, countries moved to implement policies to mitigate the impact of these activities on wider ecosystems.

Volume II: Country Statistics

This publication contains statistics on fisheries and aquaculture in OECD countries for 1995, 1996 and 1997. Information is provided on landings, employment, fleet capacity, aquaculture production and trade in fish and fish products. 720 pages \$129 US, £ 79 ISBN 92-64-17180-0. Both volumes available in English and French, from:

OECD Paris Centre
2, rue Andre Pascal
75775 Paris Cedex 16, FRANCE
Tel: +33 (0) 1.45.24.81.67
Fax: 33 (0) 1 49 10 42 76
E-mail: sales@oecd.org
<http://www.oecd.org/agr/fish/index.htm>

ACP-EU Fisheries Research Initiative: Proceedings of the Expo Conference Ocean Food Webs and Economic Productivity

Edited by D. Pauly, V. Christensen and L. Coelho

This report presents the proceedings of a three day scientific conference on "Ocean Food Webs and Economic Productivity", held from July 1-3, 1998 at the Instituto de Investicao das Pescas e do Mar (IPIMAR) in Lisbon, Portugal, under the auspices of the ACP-EU Fisheries Research Initiative and the European Commission (DG VIII). The conference was based on the premise that the continued economic productivity of the oceans depends on the maintenance of their ecological integrity, much threatened by a global fisheries crisis which manifests itself in runaway fishing mortality and vanishing social benefits. ISSN 1025-3971

Copies are available in English and French, free of charge from:

The Information Desk

Directorate General for Development
200 rue de la Loi
B -1049 Brussels
BELGIUM

Comparative Evaluation of the Cod and Herring Fisheries in Denmark, Iceland and Norway

Ragnar Arnason, Leif K. Sandal, Stein I. Steinshamn, **Niels Vestergaard**, Sveinn Agnarsson and **Frank Jensen**

The aim of this report was to perform a comparative study of the total allowable catch policy in the three countries with respect to economic return and sustainability. Some interesting differences between these countries may have impact on their fisheries policies. ISBN:928930443X
ISSN: 09086692

Contact:

Nordic Council of Ministers
Store Strandstaede 18
DK-1255 Kobenhavn K, NORWAY
Phone (+45) 3396 0200
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<http://www.norden.org>



The Aquaculture Gazette

A monthly paper, published in Canada. Yearly subscription rates are \$20 per year US or Canada, Overseas, surface US \$35.00; Overseas, airmail: US \$70.

Contact:

Maureen Gracey
PO Box 58
Morell, Prince Edward Island COA 150 - CANADA
Tel: (902) 961-2347
Fax: (902) 961-2405
E-mail: gci@isn.net

SEAFDEC 1999 Annual Report

Highlights of the activities of the Southeast Asian Fisheries Development Center and its members for the year 1999.

Contact:

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Bangkok 10903
THAILAND
Tel: (662) 940-6326-9
Fax: (662) 940-6336
E-mail: secretariat@seafdec.org

EcoAmericas

A monthly report on development and the environment in Latin America. Coverage of Latin American environmental issues for international businesses, NGOs and public agencies. EcoAmericas is published monthly by Fourth Street Press, Inc. in print and electronic versions. One-year charter subscription: \$225, with discounts available for organizations needing multiple subscriptions.

Contact:

Editorial/Subscriptions Office
Fourth Street Press
1424 4th Street, Suite 605
Santa Monica, CA 90401 USA

Publications, continued

Price Formation on the Sydney Fish Market

By **Perry Smith**, Greg Griffiths and Nick Ruello

Market prices are largely ignored in the management of fisheries. However, marketing factors potentially have a large impact on the efficiency of fisheries resource use. The relationships between prices and both the quantity supplied and the characteristics of the product influence the decisions of operators to target particular species of fish and the income they earn as a result of their activities.

If prices received by fishing operators are determined by catches in the fishery then the effects on industry incomes of any changes in catch will be partly offset by changes in prices received. Information on price relationships for different size grades of fish is also relevant both the guiding operators' decisions to target particular sizes and to developing strategies for marketing their catches. It is also relevant to addressing key fisheries management issues, such as catch discarding, which tends to be of smaller size fish, unsuited to market demands.

The research was funded in part by the Fisheries Research and Development Corporation. ISBN 0 642 26631 X

Contact:

Australian Bureau of Agricultural & Resource Economics
GPO Box 1563
Canberra 2601
AUSTRALIA
Tel: +61 2 6272 2000
Fax: +61 2 6272 2001
<http://www.abare.gov.au/pubcat/fisheries.htm>

Advances in Agricultural Economic History: New Frontiers in Agricultural History, Vol. 1

Edited by Kyle D. Kauffman

This series publishes a wide range of topics broadly categorized as agricultural economic history. This work endeavors to bring together works from all areas of this broad field, covering all time periods and geographic locations. This first volume includes articles about Italian sharecropping, agricultural wage discrimination, factor endowment and contract choice, and new total factor productivity measures for the United States. \$78.50 £50.50 (20% discount for prepaid orders.) ISBN 0-7623-0612-1

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EC Co-operation on Oceans and Seas—A review of policies, programmes, financial instruments, and projects

European Commission, 1999. Brussels, European Commission, Directorate General for Development, 80 p. The publication is also available in French, Spanish and Portuguese.

The European Community and the Union's member states have translated concerns over the management of oceans and seas into a wide range of policies, commitments and legislation. These are, among others, reflected in the Community's scientific and development co-operation with developing and emerging economies. Marine and policy research are considered critical for improving understanding and governance of oceans and seas. Other important areas of co-operation have been small-scale local fisheries, coastal communities and integrated coastal zone management. Long-term sustainability is promoted through the direct participation and capacity building of local communities and partner institutions. Increasing efforts aim at involving stakeholders ranging from political and economic decision makers, civil society and researchers.

Contact:

Information Officer, European Commission
Directorate General VIII - Development
200 rue de la Loi
B-1049 Brussels - BELGIUM
E-mail: info@cec.dg8.be
<http://europa.eu.int>



Queensland's Commercial Fishing Fleet License Packages - Fleet Structure and Fish- ing Port Activities, 1996-97

by John Switala and Noel Taylor-Moore

This report is the first in a series generated by an economic study into Queensland's commercial fishing industry. It provides an overview of the composition of the state's fishers at a state and port level. It includes only product taken during 1996-97 under Queensland fishing licenses, and excludes product taken under commonwealth licenses. ISBN 0 7345 0055 6

Contact:

DPI Call Centre
Dept. of Primary Industries
GPO Box 46
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Tel: 13 25 23

Electronic Publications

U.S. Fish Harvesters Up on Financial Rocks

Report by Donald Sutherland on the US fisheries harvesting industry.
<http://ens.lycos.com/ens/apr2000/2000L-04-25-01.html>

Fish Briefs

Fish Briefs is a "plain language" summary of the latest scientific papers about fish with a focus on their interactions with habitat. It is distributed every three months by American Oceans Campaign and is peer reviewed by a volunteer scientific panel to ensure that the scientific results are not lost in the translation.

Fish Briefs is an experiment in translation of technical research papers for those who are trying to apply the information. Our audience includes fishermen, fishery managers, scientists, conservationists, government officials and others.

Articles in Issue Three:

Lincoln Freese et al. "Effects of trawling on seafloor habitat and associated invertebrate taxa in the Gulf of Alaska" in *Marine Ecology Progress Series* 182: 119-126. June 11, 1999.

Michael J. Fogarty & Steven Murawski. "Large scale disturbance and the structure of marine systems: Fishery impacts on Georges Bank" in *Ecological Applications* 8 (1): S6-S-22. 1998.

Kent Gilkinson, Mike Paulin, Shawn Hurley, Peter Schwinghamer. "Impacts of trawl door scouring on infaunal bivalves: results of a physical trawl door model / dense sand interaction" in *Journal of Experimental Marine Biology and Ecology* 224 (1998) 291-312.

Email: aoccb@wizard.net

Internet Guide to International Fisheries Law

Designed to be a comprehensive resource centre for international fisheries law and the international law of the sea.

Contact:

Chris Hedley Cardiff Law School
hedleyc@cardiff.ac.uk
<http://www.oceanlaw.net>

International Association of Fish Inspectors Website

<http://www.iafi.net>

In addition to a new look, the site also boasts a variety of new features, some of which are exclusive to members. These include free your_name@iafi.net email, privileged access to the Members Only section of the site, and exclusive ability to post messages on the new Bulletin Board. Active members should visit the site to obtain the username and password they'll need to access these features.

Two other new features added are the Inspector Spotlight and the Country Profiles. The Inspector Spotlight is a showcase of one member's career. Persons interested in submitting should visit the web site to download the submission guidelines. The Country Profiles offer information on the fishing industry and fish inspection program in selected countries. IAFI will also be offering these profiles as downloadable PDF files, which you can print and keep for your reference.

More info:

Mr. B. John Emberley, Executive Director
International Association of Fish Inspectors
Box 225
Ottawa, ON K2G 5Y7, CANADA

Please forward any information you may wish to have disseminated through this newsletter to:

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World Catch Website

<http://commerce.worldcatch.com/>

WorldCatch is an online seafood auction and industry information resource, created by people in the seafood industry for people in the seafood industry. Their goal is to provide the seafood industry with the tools necessary to compete effectively in the global marketplace.

The Wave Mailinglist, News for Seafood Professionals to subscribe: thewave-request@listserv.worldcatch.com with "Subscribe <your name>" in the body of the message. Please remove the quotes and <> marks and substitute your name for <your name>.

CONFERENCES AND WORKSHOPS

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).

First North American Fisheries Economics Forum, New Orleans, Louisiana April 1-4, 2001

The first North American Fisheries Economics Forum will be held on April 1-4, 2001 in New Orleans, Louisiana. The goals of the Forum are to strengthen communication between North American fisheries economists in industry, government and academia, and to provide opportunities to discuss research results, research in process and future research needs and plans.

The Forum will include special sessions on a wide variety of topics related to fisheries economics and trade. Currently planned special sessions include the following:

- The Future of Aquaculture
- Aquaculture Regulation and Policy Issues
- Catfish Economics and Marketing
- Seafood Trade and the Internet
- Implications of Trade Liberalization for Fisheries
- The Role of Economics in Canadian Fisheries Management
- U.S. Fishery Management Councils and Economics: What is Needed and How to Get It?
- Using Economic Incentives in Managing Bycatch

Abstracts are invited for papers for special sessions or on other topics related to fisheries economics and trade. The deadline for submitting abstracts is January 19, 2001. Suggestions for additional special sessions are invited, as well as volunteers to organize sessions.

Four informal "Introductions and Ongoing Activities" sessions will provide opportunities for industry, government, academic and student fisheries economists to introduce themselves and briefly discuss their areas of interest and ongoing activities.

An overview of Gulf Coast fisheries economic and management issues will be held on April 4, which will include visits to processing facilities and fishing vessels. The Forum will serve as the inaugural meeting of the North American Association of Fisheries Economists. This Association will be affiliated with International Institute of Fisheries Economics and Trade (IIFET),

Conference Calendar

2000

Nov. 1-4 **East Coast Live** - The Business of Marketing Aquatic Products. Annapolis, MD, USA (Don Webster, Sea Grant Ext. Program, Tel: (410) 827-8056, Fax: (410) 827-9039 dw16@umail.umd.edu <http://www.eastcoastlive.seagrant.org>)

Nov. 16-18 **FISH EXPO and WorkBoat Northwest** - Seattle, Washington, USA (Denielle Davis, Marketing Administrator, (207)842-5596 fs@divcom.com <http://www.fishexpoSeattle.com> <http://www.workboatnw.com>)

2001

*April 1-4. **NAFE Forum** - New Orleans, Louisiana, USA (Gunnar Knapp (907) 786-7717 afgpk@uaa.alaska.edu) [*see article, this page*]

2002

July 14-19 (tentative) **IIFET 2002** - Brisbane, Australia (Noel Taylor-Moore taylor@dpi.qld.gov.au 1 (800) 501-578) [*see page 5*]

an international organization of fisheries economists which meets in even-numbered years in different countries around the world. Future North American Fisheries Economics Forums will be held in odd-numbered years in different coastal areas of North America. (The most recent IIFET meeting was held in Corvallis, Oregon in July 2000, and the next meeting will be in Brisbane, Australia in July 2002.)

For additional information about the First North American Fisheries Economics Forum, to submit abstracts, or to volunteer to organize a session, contact:

Gunnar Knapp, University of Alaska, Anchorage 907-786-7717 afgpk@uaa.alaska.edu

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.

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

Email: Ann.L.Shriver@orst.edu

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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 1-2 messages from IIFET per week, we do not have your correct address. Please send e-mail to: Ann.L.Shriver@orst.edu and notify us of the problem. Visit IIFET's web pages at:

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