

Microbehavior and Macroresults: Proceedings of the Tenth Biennial Conference of the International Institute of Fisheries Economics and Trade Presentations

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Chair: Ann Shriver

Hamady Diop, Wes R. Harrison and Walter R. Keithly, Jr.:

**Non-Stationary Markov Process Analysis of the Size Distribution
of Shrimp Processing Firms in Southeast United States**

Patrice Guillotreau and Frederic Le Roy:

Raising Rivals' Costs In The Tuna Industry

John R. Isaksen and Brent Dreyer:

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Josué Martínez-Garmendia and James L. Anderson:

An Examination of the Shrimp Futures Market

Measuring Capacity: Overview and Definitional Issues

Organized by: Rolf Fare and John M. Ward

Chair: Rolf Fare

Dominique Greboval:

The FAO International Plan of Action for the Management of Fishing Capacity

Catherine J. Morrison Paul:

Thoughts on Productivity, Efficiency, and Capacity Utilization Measurement for Fisheries

Daniel Primont:

Measures of Excess Capacity

Eric Thunberg:

Latent Effort and Vessel Ownership Transfer in the Northeast US Groundfish Fishery

John Ward:

Capacity, Excess Capacity, and Fisheries Management

Natural Resources: Perspectives of Indigenous Peoples

Chair: Judith Vergun

Tom Mexsis Happynook:

Cultural Biodiversity: Indigenous Relationships with their Environment

Helen Marie Redbird-Smith:

Taking the Pulse of the Universe

Non-market Valuation: Issues and Approaches

Chair: Mary Ahearn

Robert P. Berrens:

Internet Versus Telephone in Contingent Valuation: Application to the Kyoto Protocol (Extended Abstract)

Peter C. Boxall and W.L. Adamowicz:

Incorporating Endogenous Perceptions of Environmental Attributes in RUMS: The Case of Congestion

G. Cornelis Van Kooten and Emina Krcmar:

Fuzzy Logic and Non-market Valuation: A Comparison of Methods

Non-market Valuation: Recreational Fisheries

Chair: Steve Beare

Edi Defrancesco and Paolo Rosato:

Recreation Management in the Venice Lagoon

Diane Dupont:

Gender and Willingness-to-pay for Recreational Benefits from Water Quality Improvements

Frank Lupi, John P. Hoehn, Heng Zhang Chen, and Theodore D. Tomasi:

Michigan Recreational Angling Demand Model

Daniel L. McFadden:

**The Travel Cost Method for Valuing Recreational Fishing -
Issues of Sampling, Estimation and WTP for Site Improvements
(Extended Abstract)**

Political Economy

Chair: Gil Sylvia

John Boyce:

**Conservation for Sale: A Dynamic Common Agency Model of Natural
Resource Regulation**

Steve Edwards:

Rent-Seeking in the U.S. Atlantic Sea Scallop Fishery

Michael Healey and Tim Hennessey:

**Ludwig's Ratchet and the Collapse of New England Groundfish
Stocks (Extended Abstract)**

Frank Millerd:

**The Evolution of Management Institutions for the British Columbia
Salmon Fishery, 1900 to 1930**

Ernst-August Nuppenau:

**Cleaning of Eutrophic Inland Waters for Fishery and Amenities:
On the Treatment of Dynamic Aspects in Political Economy Modeling
of Statutory Regulations in Polluting Communities**

Erik Poole:

Income Subsidies and Incentives to Overfish

William E. Schrank:

Bureaucracy, Policy, Economics: The Pathology of Fisheries

Paul Wallis and Ola Flaaten:

Fisheries Management Costs: Concepts and Studies

Poster Session

Tim Bostock, Joan Baron and Greg Searle:

OneFish: One Internet Portal, All Fisheries Research

Dolores Garza Gil, Juan Surís Regueiro and Soledad Otero Giráldez:

**Cointegration and Causality: An Application to Fresh Hake in the
Spanish Market**

Jimi Jinadu:

**Small-Scale Fisheries of Lagos State, Nigeria:
Economic Sustainable Yield Determination**

Ho-Shui Li, Jack Houston (presenter), Kuo-Lon Chen, and Hwang-Jaw Lee:

Factors Affecting Consumer Choice of Canned Fish in Taiwan

Oumarou Njifonjou and Jean Calvin Njock:

African Fisheries: Major Trends and Diagnostic of the 20th Century

Manuel M. Varela-Lafuente, Dolores Garza-Gil (presenter)
and Carlos Iglesias Malvido:

**Fisheries Management Institutions: Perceptions of Economic Agents
in Galicia (Spain)**

Price Analysis and Demand Estimation

Chair: Scott Matulich

Jessica Hartmann and Jose Perez:

**Price Relationships Along the Value Chain: An Analysis of Hake
Markets in France**

Jack Houston and Ho-Shui Li:

Factors Affecting Consumer Preferences for Shrimp in Taiwan

Jeffrey T. LaFrance:

U.S. Income Distribution and Gorman Engel Curves for Food

Hwang-Jaw Lee:

Consumer Demand for Meat, Poultry, and Seafood in Taiwan

Joaquin A. Millan:

Interdependent Preferences for Seafood Consumption

Diane F. Primont:

On the Construction of Price Indexes

Minoru Tada:

Japanese Fish Demand and the Price Linkage with Foreign Markets

Terje Vassdal and Espen Sirnes:

Structural Breaks in the European and US Market for Salmon

Property Rights: Building Flexibility into Property Rights Systems

Organizer: Susan Hanna

James D. Hastie:

**Permit Stacking as an Approach to Implementing Harvest Rights
That Can Be Transferred and Accumulated**

Property Rights: Co-management/Self-management

Organizer: Susan Hanna

Henrik Bruun, Janne Hukkinen (presenter) and Erland Eklund:

**Scenarios as Radical Alternatives: The Case of Aquaculture in the
Finnish Archipelago Sea**

Khondker Murshed-e-Jahan, Nik Mustapha Raja Abdullah,
and Kuperan Viswanathan (presenter):

**Welfare Impacts and Transaction Costs of Fisheries Co-Management
at Oxbow Lakes in Bangladesh**

Pekka Salmi and Riku Varjopuro:

Private Water Ownership and Fisheries Governance in Finland

Olivier Thebaud:

**The Economics of Fisheries Self-regulation:
Analytical Issues and a Historical Case Study**

Property Rights: In the Wake of IFQs

Organizer: Susan Hanna

Thorolfur Matthiasson:

Changing Rules for Regulation of Icelandic Fisheries

Sevaly Sen, Barry Kaufmann, and Gerry Geen:

ITQs and Property Rights A Review of Australian Case Law

Property Rights: States and Other Interests

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Sara Singleton:

Cooperation or Capture? The Paradox of Comanagement and Community Participation in Natural Resource Management and Environmental Policymaking

Tadashi Yamamoto:

**Collective Fishery Management Developed in Japan:
Why Community Based Fishery Management Has been Well
Developed in Japan**

Property Rights: System Complexities

Organizer: Susan Hanna

Anthony T. Charles:

Use Rights in Fishery Systems

Steve Edwards:

An Elemental Basis of Property Rights to Marine Fishery Resources

Property Rights: The Social Context of Fisheries Management

Organizer: Susan Hanna

Robin Alden and Jennifer Brewer:

Apprenticeship and Conservation Incentives

Parzival Copes and Gísli Pálsson:

Challenging ITQs: Legal And Political Action In Iceland, Canada and Latin America: A Preliminary Overview

Michael Healey and Tim Hennessey:

The Paradox of Fairness: The Impact of Escalating Complexity on Fishery Management (Extended Abstract)

Torbjorn Trondsen:

Market Orientated Value Adding (MOVA) and Fisheries Management

Recreational Fisheries: Surveys and Allocation

Chair: David Campbell

David Campbell, Laurie West, Jeremy Lyle, David McGlennon, Anne Coleman, Gary Henry and Dennis Reid:

The Australian National Recreational Fishing Survey: 2000-01

Brad Gentner, Robert Hicks and Dave Van Voorhees:

**Economic Data Collection for Marine Recreational Angling:
The U.S. Approach**

Chuck Hamel, Mark Herrmann, S. Todd Lee, and Keith R. Criddle:

**An Economic Discussion of the Marine Sport Fisheries in Central
and Lower Cook Inlet**

Robert L. Hicks:

**Approaches for Measuring the Economic Value of Marine
Recreational Angling: the U.S. Approach**

Khem R. Sharma and Pingsun Leung:

**Economic Impacts of Catch Allocation from Commercial Fishery to
Recreational Fishery in Hawaii**

Scott Williamson:

**Economic Value of New Zealand Marine Recreational Fishing and its
Use as a Policy Tool**

Reflections on Co-management, Consensus and Conditions for Labor

Chair: Patrick Corcoran

Steve Donda:

**Journey to Sustainable Fisheries Management: Organisational and
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Regional and International Fisheries Issues

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Trond Bjørndal and Gordon Munro:

**The Management of High Seas Fishery Resources and the
Implementation of the U.N. Fish Stocks Agreement of 1995:
Problems and Prospects**

Joseph Catanzano, Pierre Failler (presenter), Helene Rey and Sonia Carrier:

**Evaluation of Fishing Agreements Concluded by the European
Community (PowerPoint Presentation)**

Kathleen Miller, Gordon Munro, Robert McKelvey, and Peter Tyedmers:

**Climate, Uncertainty And The Pacific Salmon Treaty:
Insights On The Harvest Management Game**

Research and Teaching: Across Disciplines, Countries, and Universities

Chair: Gil Sylvia

George Kennedy:

New Directions in Interdisciplinary Teaching

Joseph Taylor:

**Misplaced Concreteness: Prospects and Problems with
Interdisciplinary Approaches to the Fisheries**

Rethinking Resource Management

Chair: Carmel Finley

Kathleen S. Carter:

**"The More Things Change...": Oysters, Public Policy, and Species
Decline in the Pamlico Sound, 1880-1900**

Christopher Corkett:

**Fisheries Stock Assessment: an Inductive Science with the Logical
Form of "Primitive Magic": Replacing an Inductive View with a
Critical Rational One**

Arthur McEvoy:

Fisheries Management and Rule of Law

William G. Robbins:

**Species Extinction and Cultural Arrogance:
The Perils of Ignoring History**

Marie-Therese Sarch:

**Institutional Evolution at Lake Chad: Traditional Administration and
Flexible Fisheries Management**

Steve Scannell:

Market Quota System: The Ultimate in Public Resource Management

Glen Spain:

Rethinking Fisheries Management: Why Fisheries Management Fails

Gregory Valatin:

**On Demand-side Approaches to Solving the "Tragedy of High
Prices" in Fisheries**

Salmon: Industry and Research Perspectives

Chairs: James Anderson and Knut Heen

Stewart Anderson:

Salmon Color and the Consumer

Barbara Belknap:

**Alaska Seafood Marketing Institute Research on Salmon
Consumption (PowerPoint Presentation)**

Joyce Nettleton:

Fatty Acids in Cultivated and Wild Fish

Science and Public Policy

Chair: Jeff Ramsey

Denise Lach and Peter List:

Credibility and Advocacy of Environmental Scientists in Resource Decision Making: A Regional Study

Bryan Norton:

Models as Languages: How Can Scientific Modeling Improve Environmental Policy Process? (Extended Abstract)

Seafood Markets and Fishery Management: Conceptual and Empirical Issues

Chair: Ken Roberts

Quentin S.W. Fong and James L. Anderson:

From Shark Fin Markets to Shark Populations: An Integrated Market Preference - Cohort Analysis of the Blacktip Shark (*Carcharhinus Limbatus*)

Charmaine Marie Gallagher, Gilbert Sylvia and Robert Hannah:

The Development of a Bioeconomic Model of the Oregon Ocean Shrimp Fishery

Daniel Georgianna and Joel Dirlam:

The Effect of Reduced Supply on Fish Processing in New England

Michelle James:

Industry Perspective on the Effect of Fisheries Management on Seafood Markets: The B.C. Geoduck Example

Patricia Koss:

Reciprocal Exposure and Holdup in Fisheries: Implications of Fishery Management Policy

Josué Martínez-Garmendia, James L. Anderson and Michael T. Carroll:

Incorporating Market Information in the Management of the US North Atlantic Bluefin Tuna

Yoshiaki Matsuda:

History of Fish Marketing and Trade with Particular Reference to Japan

Haruko Yamashita:

Problems of Export-Oriented Yellowfin Tuna Industry - Indonesia and the Philippines

Small Scale Fisheries and Fishery Development

Chairs: Hillary Egna, Wade Griffin, and Stella Williams

Jimi Jinadu:

Economic Efficiency in the Coastal Small-Scale Fisheries in Lagos State, Nigeria

Razack-Bakari Lokina:

An Economic Analysis To Sustainable Fisheries Management

Carlisle A. Pemberton and Marsha A. Fridle:

Fishing Versus Farming in a Fresh Water Swamp in Trinidad in the Caribbean

David Whitmarsh, Carl James, Helen Pickering, Carlo Pipitone, Fabio Badalamenti and Giovanni D'Anna:

Economic Effects of Marine Protected Areas on Small-Scale Fisheries: A Case Study of the Trawl Ban in the Gulf of Castellammare, Sicily

Stella Williams:

Economic Potentials of Women in Small-scale Fisheries in West Africa

James R. Wilson and Jean Boncoeur:

Micro-economic Efficiencies and Macro-economic Inefficiencies: Theoretical Reflections on Renewable Resources Policy in Very Poor Countries

Social Capital: Communities and Fishery Management

Chair: Bruce Weber

Emery N. Castle:

Economic and Social Change in the Fishery

Jonathan Isham:

Can Investments in Social Capital Improve Well-Being in Fishing Communities? A Theoretical Perspective for Assessing the Policy Options

Subsistence Whaling

Organizer and Chair: Mark Herrmann

William Aron:

The International Whaling Commission- A Case of Malignant Neglect

Tom Mexsis Happynook:

The Social, Cultural and Economic Importance of "Subsistence" Whaling

Trade, Growth, Natural Resources, and the Environment

Chair: John Ward

Chi-Chur Chao and Eden S. H. Yu:

Environmental Impacts on Optimal Trade Policies

Ali Emami and Richard S. Johnston:

International Trade in Resource Goods and Returns to Labor in the Non-Resource Sectors

Carol McAusland:

Cross-Hauling of Polluting Factors (Extended Abstract)

Trees, Water, and Fish

Chair: K. Norman Johnson and John Sessions

John Sessions:

**Improving the Efficiency of Timber Supply While Saving the Fish:
The Umpqua Land Exchange Project**

Benno Warkentin:

**Changes in Decision-Making in Diffuse Water Pollution Control
(Extended Abstract)**

Valuing Indigenous Rights

Chair: David Campbell

Randall Bess:

New Zealand Maori Claims to Fisheries Resources

David Campbell:

Valuing of Indigenous Rights to the Sea Estate

David C. Natcher:

**Arriving at Appropriate Criteria and Indicators for Sustainable Forest
Management: A First Nation's Perspective**

What and How are we Measuring?

Chair: Gil Sylvia

Patty L. Clayton:

Using Fishermen's Expertise to Improve Fisheries Management

R.Quentin Grafton:

**A Guide to the Economic Evaluation of Individual Transferable
Quota Fisheries**

Michael G. Haby, Lawrence L. Falconer and John L. Parker:

**Developing An Economic Profile Of Texas Shrimp Trawling
Operations In The Gulf Of Mexico**

John Harms and Gil Sylvia (presenter):

**The Economics of Cooperative Fishery Research: A Survey of U.S.
West Coast Groundfish Industry and Scientists**

Ken Hughey, Ross Cullen (presenter), Ali Memon, Geoff Kerr, and Nick Wyatt:

**Developing a Decision Support System to Manage Fisheries
Externalities in New Zealand's Exclusive Economic Zone**

Mike Katz, Patricia Koss (presenter) and Jennifer Shawcross:

**Addressing Fish Uncertainty: The Quest for Rational
Decision-making**

Elizabeth Mitchell:

The Necessity of Observer Programs in the World's Fisheries

Roger Rose, Matthew Stubbs, Peter Gooday and Anthony Cox:

Economic Performance Indicators for Fisheries

Noel Taylor-Moore, Jeff Bibby, Elisa Burger, John Dexter, Tracy Henderson,
Wez Norris, and John Switala:

[The Business of Fishing in Queensland, Australia, 1997-98](#)

Why Not Merge the Social Sciences?

Chair: Courtland Smith

John Edwards:

[Notes from the IIFET 2000 Session on “Why Not Merge the Social Sciences?”](#)

Roberta Hall:

[Why Not Merge the Social Sciences?](#)

Ronald B. Mitchell:

[Why Not Merge the Social Sciences? A Political Science Perspective \(Outline\)](#)

Closing Session

Parzival Copes, James Anderson, and Ola Flaaten:

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