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

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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 Simes: 
**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
Organizer: Susan Hanna
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 Institutional Limitations in Fisheries Co-Management: The Cases of Lakes Malombe and Chiuta in Malawi

Regional and International Fisheries Issues

Chairs: Trond Bjorndal and Gordon Munro

Trond Bjorndal 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. Fridie:  
**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:
    IIFET 2002: Invited Closing Comments