IIFET 2004 JAPAN

What are Responsible Fisheries?

Program
I. Regular Paper Presentation Sessions

Sub-themes
1. Fisheries Management for Coastal Fisheries
2. Fisheries Management for Industrial Fisheries including Capacity Reduction Issues
3. International Trade of Fisheries Products
4. Capture Fisheries including Multi-species Fisheries and Ecosystem Approach
5. Aquaculture Economics and Management
6. Fish Processing, Marketing and Consumption
7. Demand and Supply
8. Theoretical and Empirical Bio-Economic Analyses
9. Infrastructure including Artificial Reefs and Resource Enhancement as Means to Sound Fishery and Aquaculture Development
10. Fisheries-Related Activities
11. Medical and Ornamental Substances from the Sea
12. Management of Multiple Use Conflicts
13. Asian Fisheries and Aquaculture
14. Gender Issues in Fisheries and Aquaculture
15. Contributions of Fisheries and Aquaculture to Society
16. International Cooperation in Fisheries and Aquaculture
17. Fisheries Education
18. Fisheries and Biodiversity
26 July, 2004
Session A: 14:00-15:40

Room 1  Sub-theme 1 (1)

1. Imperfect Compliance, Credibility, and Heterogeneous Governance in a Metapopulation, Herrera, Guillermo
2. Cost-Benefit Analysis of a Project Concerning the Management of an Invasive Species in a Coastal Fishery: The Case of *Crepidula Fornicata* in the Bay of Brest (France), Fresard, Marjolaine, Jean Boncoeur
3. Local Fisheries and Game Theory: Are Fishermen Rational?, Longo, Alberto
5. Can Right-Based Fisheries Management Protect Coastal Sustainable Livelihoods? The Case of Ocean View, South Africa, Isaacs, Moenieba

Room 2  Sub-theme 1 (2)

1. Examining Target Species Substitution in the Face of Changing Recreational Fishing Policies, Gentner, Brad
2. Managing the French Norway Lobster Fishery: Are the Fishermen Proposals Relevant ?, Metz, Sebastien, Pascal Le Floch
3. Responsible Wetland Fishing and Policy Options: An Economic Analysis, Rahman, Aminur
4. Based on Capture Product and Relation to Socio-Economic Aspects Towards Responsible Fisheries, Imam, Triarso
5. Experimental Testbedding Institutions for Tradable Fishing Allowances, Anderson, Christopher, Jon G. Sutinen

Room 3  Sub-theme 8 (1)

1. A Bioeconomic Analysis on the Evaluation of Buyback Program in the Korean Fisheries: Should It be Stopped or Continued?, Kim, Dohoon
2. A Bioeconomic Model of Partial Closures and Habitat Effects - The Case of a Migratory Fish Species, Armstrong, Claire W., Richard J. Armstrong, Siv Reithe
4. Can We Stabilize Fisheries' Benefits from a Fluctuating Stock? The Bioeconomic Assessment of the Pacific Whiting Fishery, Ishimura, Gakushi, Daniel D. Huppert, Andre E. Punt
5. Landing Fees Versus Fish Quotas, Hannesson, Rognvaldur

Room 4 Sub-theme 5 (1)

1. Economics of Sustainable Aquaculture in Asian Region, Issues Revisited, Bhattacharya, Poulomi
2. Development of Brackish Water Aquaculture Emphasizing Sustainability in Western Visayas in the Philippines, Matsuura, Tsutomu
3. Challenges in Open Water Fisheries Management in Bangladesh, Khan, A.K.M
4. Socio-Economic Impact of Freshwater Pond Fish Farming in Rural Bangladesh, Chowdhury, Masudul Hoq
5. Responsible Shrimp Farming in Vietnam: Call for Promoting and Strengthening Community Based Management Approaches, Tran, Van Nhuong

Room 5 Sub-theme 12 (1)

2. Estimating the Economic Impact of the Steller Sea Lion Conservation Area: Developing and Applying New Methods for Evaluating Spatially Complex Area Closures, Haynie, Alan, David Layton
3. Conflicts between Recreational and Commercial Fishing in Lake Toya, Hokkaido, Japan, Matsuishi, Takashi, Hiroshi Ueda
4. Cost-Effectiveness of Nutrient Pollution Reduction in Taal Lake, Philippines, Vista, Arvin

Room 6 Sub-theme 16 (1)

1. BC-to-Alaska Transboundary Salmon: Conflict, Enhancement, Moral Hazard, Paper-Fish and Folly, Wright, Christopher Stephen, Robert Gould
2. International Plan of Action for the Conservation and Management of Sharks (IPOA-Sharks) is Considered to be a Significant Element of the Code of the Conduct for Responsible Fisheries, Ishihara, Hajime
3. International Jurisprudence Contributions to Responsible Fisheries, Rey, Adela
4. Responsible Fisheries in the Caribbean: Balancing Regional, National and Community-Based Management, Haughton, Milton Oswald
5. Fish for All Initiative, Williams, Stella, Worldfish Center
Session B: 16:00-17:40

Room 1  Sub-theme 1 (3)

2. Different Approaches to Responsible Fisheries: Global Standards Versus Local Initiatives, Watanuki, Naohiko, Alassane Dieng, Isabelle Antunes
3. Coastal Fisheries Management in Indonesia: The Case of Awig-Awig in West Lombok, Wawan, Oktariza, Akhmad Solihin, Osamu Baba
5. Experiences with Fisheries Co-Management in the Sultanate of Oman, Al-Oufi, Hamed, Younis Al-Akhzami

Room 2  Sub-theme 2 (1)

1. Is Output Control Effective as a Measure to Adjust Reduction of Over-Capacity?, Kuronuma, Yoshihiro
2. Implicit and Explicit Prices of Quotas in the Icelandic Fisheries, Matthiasson, Thorolfur
3. Fish Quota Auctions in the Russian Far East: A Failed Experiment, Anferova, Elena Nicolayevna, Markus Vetemaa, Rognvaldur Hannesson
4. Rights of Exclusive Users: Case of Licences of Fishing in the Breton Inshore Fisheries, Mettouchi, Myriam, Boude Jean Pierre
5. Spanish Plan of Action to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fisheries, Sobrino, Jose Manuel, R.M. Mugo, D. Liti

Room 3  Sub-theme 6 (1)

2. Willingness to Pay for Seafood Quality Improvement in Taiwan, Chuang, Ching-Ta, Cheng-Ming Chang, Li-Hsien Yeh
4. An Analysis of Consumer Perception and Acceptance of GM-fed Salmon in Taiwan, Chiang, Fu-Sung
Room 4  Sub-theme 7 (1)

1. The Determinants of Aquatic Products Retail Price Fluctuations in China 1978-2000, **Zhang, Xiaoshuan**, Brian J Revell, Fu Zetian
2. Demand and Supply of Fish in and around Delhi and Its Impacts on the Socio-Economic Conditions of Fishermen in Gazipur Fish Market, **Sharma, JaiGopal**
3. Study on Fishery Household Management Improvement Based on Interactive Information System (Making Distribution Efficiency Increase of Snow Crab *Chionoecetes Opilio* Using IC Tag into Example), **Abe, Ryusuke**, Masamitsu Nakaizumi, Naohiro Takahashi, Shouki Ueda, Mitsunori Yahiroyo
4. Economic Modelling of the Live Reef Fish Trade in Asia-Pacific: Developing an Approach and Preliminary Analysis, **Petersen, Elizabeth Helen**

Room 5  Sub-theme 15 (1)

1. Fisheries in Atlantic Canada after the Collapse of Cod, **Higashimura, Reiko**
3. Toward a Positive Feedback Between Fish Abundance and Dense Forest to Enhance Biodiversity: Responsible Fisheries from a Viewpoint of Nutrient Cycling, **Murota, Takeshi**
27 July, 2004

Session C: 9:00-10:40

Room 1  Sub-theme 1 (4)

1. The Fishermen Guilds in Spain (Cofradías): Economic Role and Structural Changes, Franquesa, Ramon
2. Three-year Closure of Sailfin Sandfish, Arctoscopus japonicus Fisheries and Resources Management in Akita Prefecture, Japan, Sugiyama, Hideki, Kazumi Sakuramoto
3. The Japanese Consolidation Movement: Changing Notions of Territoriality in Coastal Japan, Delaney, Alyne Elizabeth
4. Coastal and Marine Resources in East Kalimantan- A Case in Balikpapan Bay and Mahakam Delta, Helminuddin
5. Community Based Fishery Management in Hyogo Prefecture, Seto Inland Sea, Tokrisna, Ruangrai

Room 2  Sub-theme 7 (2)

2. Effects of Import and Inventory Amounts on Changes in Wholesale Prices of Salmon in Japan, Shimizu, Ikutaro
3. Is There Any Learning Effect of Using Markets: The Impact of Electronic Auction Systems on Fish Prices, Guillotreau, Patrice, Ramon Jimenez Toribio
4. Modelling Japanese Import Demand Function for Indian Seafood Products, Bose, Shekar, Soumil Bharat Redkar
5. Estimation of Market Power for Fresh Salmon Products in the UK Retail Market, Jaffry, Shabbar, Abduali Fofana

Room 3  Sub-theme 8 (2)

2. The Relative Efficiency of Fees and Quotas Applied to Fisheries under Different Types of Uncertainty, Kennedy, John O S, Rognvaldur Hannesson
3. Finance Mechanisme for Governing the Commons: Paying for Research, Enforcement, Decision-Making and Administrative Costs, Andersen, Peder, Jon G. Sutinen
4. Landings Fees Versus Individual Transferable Quotas: A Disaggregated Stochastic Analysis, **Anderson, Lee G.**

**Room 4  Sub-theme 6 (2)**

2. Consumers Willingness to Pay for Irradiated Seafood Product in the United States, **Huang, Chung**, Kent Wolfe, John McKissick
3. American Consumers’ Eating Patterns of Fish and Knowledge of Fish Rich in Omega-3 Fatty Acids, **Kudo, Koei**, Anna B. Marin
4. Evaluation of Frozen Fish Marketing in Southwestern Nigeria, **Afolabi, J.A.**, Oyedapo Adewale Fagbenro

**Room 5  Sub-theme 13 (1)**

1. Using Real Options to Estimate a Benefit of the Adaptive Resource Management, **Makino, Mitsutaku**
2. The Role of Knowledge Interpreters in Japanese Fisheries: Three Case Studies of Local Fishery Policy in Japan, **Suenaga, Satoshi**
3. Global Bio-Economic Model Building of Bigeye Tuna, **Ariji, Masahiko**, Minoru Tada
4. Marine Protected Areas and Fishers Involvement, **Alban, Frederique**, S. Pennanguer, A. Sabourin, J. Boncoeur
5. Linking Economic, Social and Environmental Sustainability in Shrimp Farming in Asia, **Bailly, Denis**, Pascal Raux

**Session D: 11:00-12:40**

**Room 1  Sub-theme 1 (5)**

1. Locally Based Coastal Fisheries Management: People's Participation and Local Management Body to Sustainability of Coastal Resources in Case of Thailand, **Suanrattanachai, Phattareeya**, Masahiro Yamao
2. Fishers' Responses in Shellfisheries Management: A Comparative Analysis of Cases in the United States and Japan, **Takahashi, Satsuki**
3. Cost Structure and Profitability of Small-Scale Fisheries in Ambon, Indonesia, **Apituley, Yolanda Maria Tania Nangkah**
4. Community-Based and Adaptive Coastal Resources Management in Nasidman Island, Philippines, Fernandez, Pepito R.
5. Roles of NGOs in Open Water Fisheries Resources Management in Bangladesh, Ahmed, Md. Muzaffar

Room 2  Sub-theme 2 (2)

1. Racing for Crabs: Difficult Management Options in California's Commercial Dungeness Crab Fishery, Dewees, Christopher M., Kristen Sortais, Matthew J. Krachey, Steven C. Hackett, David G. Hankin
2. Vessel Decommissioning in Danish Fisheries, Lindebo, Erik, Niels Vestergaard
3. A Bioeconomic Analysis on the Evaluation of Buyback Program in the Korean Fisheries: Should it be Stopped or Continued?, Lee, Sang Go
4. To IUU or not to IUU: Economics of Illegal, Unregulated and Unreported Fishing, Sumaila, U.R., J. Alder, H. Keith

Room 3  Sub-theme 8 (3)

1. Analysis of Coastal and Offshore Fishermen's Willingness to Accept the Reward of Reducing Fishing Activities in Taiwan, Chiang, Frank Fu-Sung, Chia-Chen Liu
2. An Economic Analysis of Harvesters Cooperatives as an Alternative Management Scheme for Atlantic Sea Scallops, Valderrama, Diego, James L. Anderson
3. A Bioeconomic Simulation Model of a Fishery Using Area Based Management Under Uncertainty, Quigley, Kathryn, Gil Sylvia
4. An Analysis of the Characteristics of Fishers and Their Behaviour Strategies Following Area Closures, Coglan, Louisa, Sean Pascoe, Simon Mardle, Trevor Hutton
5. Optimizing Rents from an Ephemeral Resource: A Bioeconomic Management Model of the Falkland Islands Loligo Squid Fishery, Larkin, Sherry, Michael Harte, Gilbert Sylvia

Room 4  Sub-theme 9 (1)

1. A Prototype Study for Evaluation of Algal Beds, Kaneko, Tomomi, Yoshikazu Takashima
3. Relationship between Spawning Behavior of Spear Squids (Loligo Bleekeri) and Structures of the Port, Kitahara, Shigeshi, Sadayuki Oka, Akihiro Honma, Kenji Yano, Hideto Narumi, Kiyoto Koganezaki
4. Development of Fukuro Funori (Gloiopeltis Furcata) Breeding Reef Using an Artificial Substrate, Yoshida, Toru, Sadayuki Oka, Masao Sasa, Makoto Ueda, Kouki Watanabe, Masashi Shimokura, Kiyoto
Koganezaki, Hideto Narumi
5. Preliminary Study on the Introduction of Set-Net Fishery to Develop the Sustainable Coastal Fisheries Management in Southeast Asia (Case Study in Thailand), Munprasit, Aussanee

Room 5  Sub-theme 16 (2)

1. Climate, Competition and the Management of Shared Fish Stocks, Miller, Kathleen, Gordon R. Munro, Trond Bjorndal
2. Transboundary Fisheries Management under Implementation Uncertainty, Laukkanen, Marita
4. The Economics of the Longline Industry in the South Pacific Islands: Will Implementing the National Tuna Management Plans Lead to Long-Term Sustainable Fishery? A Case Study of Fiji Islands, Bidesi, Vina Ram
5. Fishing and Farming: A Comparison of the Governance of Southern Bluefin Tuna Industries in Japan and Australia, Barclay, Kathryn May, Koh Sunhui

Session E: 14:00-15:40

Room 1  Sub-theme 1 (6)

1. Management Plan for Coastal Resources in the North Coast of Central Java, Indonesia, Setiarto, Agung, Stepanus A. Samson, Winda M. Mingkid, Seiichi Watanabe, Masashi Yokota
2. Are the Japanese Fisheries Responsible?: From Responsible Fisheries to Authentic Fisheries, Watanabe, Hiromoto
3. Baseline Investigation and Promotion of Self-Organizing Networks in Two Southern Areas of Thailand, Henocque, Yves
4. Exploring the Avenues to Fight against IUU Fishing: Opportunities and Challenges, Le Gallic, Bertrand

Room 2  Sub-theme 1 (7)

2. Sustainable Management of Swimming Blue Crab (*Portunus pelagicus*) Fishery in Sikao District, Trang Province, Thailand, Nitiratsuwan, Thongchai, Kungwan Juntarashote

3. Determinants of Fishermen’s Compliance - Lessons from a Coastal Fishery in Biscay Bay, Roncin, Nicolas, Denis Bailly, Pascal Raux

4. Critical Enabling Conditions (CECs) for Sustainability in Community-Based Fishery Management (CBFM): Analysis from Cases in Chile and Japan, Oliva, Luis Francisco, Masahiro Yamao

5. Institutionalization of Coastal Area and Fisheries Co-Management in Western Visayas, Philippines, Fernandez, Pepito R.

**Room 3  Sub-theme 6 (3)**

1. Quality Schemes and Quality Labels in the French Fish Farming Sector, Mariojouls, Catherine, Marion Fischer

2. Price Relationships on the Spanish Hake Market, Guillen, Jordi, Ignasi Sole

3. The Challenge of Improving Fish Consumption in Developing Countries: The Case of Indonesia, Kusumastanto, Tridoyo

4. Empirical Analysis Factors Influencing Demand for Frozen Fish in Nigeria, Ojo, S.O., Oyedapo Adewale Fagbenro

**Room 4  Sub-theme 3 (1)**

1. International Trade and Natural Resources, Virtanen, Jarno


3. Whaling in the Presence of Ecological and Market Linkages and the Threat of Boycotts, Herrera, Guillermo


**Room 5  Sub-theme 10 (1)**

1. Stock Assessment in Indonesia: Current Status and Future Direction, Mingkid, Winda Mercedes, Eko Sri Wiyono, Benny Pinontoan

2. Resources: The Case of Aquaculture Fish Production in Cameroon, Medard, Modesta, K. Geheb

3. Promotion Strategy for Fishery Community Involvement, Laowapong, Amporn

4. Ocean in Peril on the Bight of Biafra, Williams, Stella
Session F: 16:00-17:40

Room 1  Sub-theme 1 (8)

1. Fisheries Profiles? the Basis for Multi-Disciplinary Fisheries Management in Vietnam, Pham, Thi Hong Van
2. To Support Sustainable Growth in and Equitable Distribution of the Benefits Generated from Increased Fish and Shrimp Production in Bangladesh, Hannan, Kazi Md Abdul
3. Characteristics and Changes of Trawl Fishery Management Institution in the Great Barrier Reef, Australia, Hidaka, Takeshi
5. Rights Based Management of Industrial Fisheries in a Small Coastal State, Harte, Michael James

Room 2  Sub-theme 2 (3)

1. Development of Effort and Fishing Fleet Capacity in the Icelandic Cod Fishery, Gudmundsson, Eyjolfur, Arnljotur Bjarki Bergsson, Thorir Sigurdsson
2. Nuts and Bolt in the Fisheries Management- A Technological Approach to Sustainable Fisheries?, Standal, Dag
4. Alternative Approaches to Evaluating Multispecies Fishery Efficiency, Gambino, Monica, Gianluigi Coppola, Massimo Spagnolo
5. Economies of Scale, Excess Capacity and Potential Rent in UK Demersal Whitefish Trawl Fisheries, Pascoe, Sean

Room 3  Sub-theme 8 (4)

1. The BEMMFISH Bio-Economic Model, Guillen, Jordi, Ramon Franquesa, Francesc Maynou, Ignasi Sole
2. A Dynamic Multi-Dimensional Model for Optimal Investment and Harvesting, Steinshamn, Stein Ivar, Ayoe Hoff, Leif K. Sandal
3. Using Reserves to Protect Fish and Wildlife -Simplified Modeling Approaches, Flaaten, Ola
5. Virtual Populations: A New Arrow in the Quiver of Rights-Based Fishing, Gates, John M., Jungsam Lee
Room 4  Sub-theme 5 (2)

1. Productivity and Technical Efficiency of Aquaculture Production in Nigeria- A Stochastic Frontier Production Function Approach, Fagbenro, Oyedapo Adewale, O. O. Fapohunda
2. The Economics of Shrimp Culture in Middle East and Future Strategies, Faizabakhsh, Reza
3. On the Finance Support System for Aquaculture Development in China, Zhang, Xiaoshuan, Liang Anbo, Shi Yan, Mu Weisong
4. A Profitability and Technical Efficiency Analysis of Tilapia Production Systems in Cagayan Valley, Philippines, Delos Trinos, Reynald, Ruben C. Sevilleja

Room 5  Sub-theme 17 (1)

1. Report about an Effort to Offer Marine Products Safely by High-Level Hygiene Management in an Advanced Area, Wakabayashi, Takashi, Akira Nagano, Sadayuki Oka, Makoto Kawaguchi, Shinji Tani, Masahiro Kamata
2. The Role of IIFET in Building Capacity for 21st Century Fisheries Management, Harte, Michael, Gilbert Sylvia, Laura W. Jodice
3. Adaptability of Updating Technology vis-à-vis Fish Production Economics? An Effective Linkage of Rural Farm-Fisheries in Indian Subcontinent, Adhikary, Manas Mohan
4. Current Situation of E-Learning for Fisherman in Taiwan, Chen, Su-Chang
5. Research on Relationship between Fisher Education and Fishery Industry Management, Han, Xingyong, Ye Jun
28 July, 2004
Session G: 9:00-10:40

Room 1  Sub-theme 1 (9)

1. Fishers Knowledge and Perceptions on Fisheries Management in the North Sea Cod Case, **Alban, Frederique**, Denis Bailly
4. Fishers’ Participation in Development Activities in the Community with Different Level of Co-Management Processes (Case Study in Demak and Pemalang, Central Java-Indonesia), **Susilowati, Indah**, Waridin
5. Auctions for Initial Sale of Annual Catch Entitlement, **Anderson, Christopher**, Dan Holland

Room 2  Sub-theme 2 (4)

1. Was the Establishment of EEZ Effective to the Fisheries Management in the World?, **Yamamoto, Tadashi**
2. Fisheries Management: Unhelpful, Unkind, and Unjust, **Wright, Christopher Stephen**
4. Foreign Investment and Small-Scale Fisheries Development in Indonesia: The Experiences of Katsuobushi Processing Industry in North Sulawesi, **Mantjoro, Eddy**
5. Governance of High Seas Fisheries: Changing the Role of the Nation State, **Crothers, G. T. (Stan)**, Lindie Nelson

Room 3  Sub-theme 8 (5)

1. Welfare Implications of the EU Enlargement: The Case of East Baltic Cod, **Nielsen, Max**
2. Comanagement of the Shrimp Fishery in Madagascar, **Rojat, Dominique Guy**, Christian Chaboud
3. Solving Real Options Models of Fisheries Investment When Salvage Value is Difficult to Estimate, **Tomberlin, David**, Valentina Bosetti
Kyuji, Hideki Sugiyama, Shigeo Sugishita, Naoki Suzuki, Kazumi Sakuramoto

5. Economic Evaluation of Fisheries Policies in Lamon Bay, Philippines, Campos, Maria Rebecca

Room 4 Sub-theme 4 (1)

1. Individual Transferable Quotas in New Zealand Tuna Fisheries, Peacey, Jonathan
2. Production Technology and the Role of Skipper Skills in Lake Victoria Fisheries, Lokina, Razack Bakari
3. Seasonal Dynamics and Interaction of Fishing Gear in Multispecies of Coastal Small Scale Fisheries of Pelabuhanratu Bay, Indonesia, Wiyono, Eko Sri, Sakutaro Yamada, Eiji Tanaka, Toshihide Kitakado
4. Is Domestic Fish Superior? An Experiment of the Effects of Varied Question Wording on Consumer Survey Results, Ahvonen, Anssi, Asmo Honkanen, Petri Godenhjelm

Room 5 Sub-theme 12 (2)

1. Hagfish Needs the New Paradigm of Japan's Domestic Fisheries Management, Kameda, Kazuhiko, Akari Nishida
2. Testing the Limits. Co-Operative Mechanisms in Multiple Use Management, Kailis, George Michael
3. Multilevel Conflicts in Community Based Coral Reef Management Systems: Case Study in West-Lombok, Indonesia, Satria, Arif, Yoshiaki Matsuda, Masaaki Sano
4. The Social and Environmental Effects of an Unregulated Fishery Trade in Marine Protected Area (MPA) (Case Study of the Sea Cucumber (Isostichopus Fuscus) Fisheries in the Galapagos Islands), Espinoza, Eduardo, Kazumi Sakuramoto
5. Fisheries, Aquaculture and Environmental Issues in Nigeria, Williams, Stella

Session H: 11:00-12:40

Room 1 Sub-theme 1 (10)

1. Co-Management Approach to Improve the Marlborough Sounds (New Zealand) Paua Fishery, Creswell, Paul
2. Participatory Fisheries Management Programme around Lake Malombe: Status and Lessons Learnt, Matiya, George, Yoshikazu Wakabayashi
3. Community Based Management for Sustainable Sea Horse (*Hyppocampus spp*) Fisheries in Tana Keke Islands, South Sulawesi, Indonesia, **Ambas, Irfan**, Yusran Nur Indar

4. Community Fisheries: A Milestone for the Small Farmers, **Kaphle, Netra Prasad**

5. Prospect of Pelagic Fisheries in Northern Sulawesi, Indonesia, **Farnis B., Boneka**, Markus T. Lasut

**Room 2  Sub-theme 1 (11)**

1. Growing the Seafood Sector: Technical Change and Innovation, **Sharp, Basil**, Jeffs Andrew

2. Interactions Between Professional Fishing and Recreational Fishing: Data Collection and Regulation Scenarios Elaboration in a Responsible Fishing Viewpoint, **Drouot, Boude**, Daures F.J.P., Morizur Y Guyader O, Thebaud O

3. Assessing Local Fisheries Sustainability of Small Island Region, **Adrianto, Luky**, Yoshiaki Matsuda, Yoshiaki Sakuma

4. The Influence of Social Actors in Community Development: The Case of a Fishing Community in Eastern Philippines, **Mangada, Ladylyn**

5. Using Local Knowledge in Community-Based Marine Resource Management, **Ruddle, Kenneth**

**Room 3  Sub-theme 6 (4)**

1. Fish Market and Marketing Issues in Bangladesh, **Chowdhury, Masudul Hoq**

2. Enabling Secured Traceability of Fishery Products Using 2D Code and Digital Encryption, **Mikami, Sadayoshi**, Yuta Takahashi, Mayumi Yoshikawa, Akira Nagano, Shinji Kuwabara, Hideto Narumi, Takashi Wakabayashi

3. The Harsh Market and Business Realities Facing the West Coast of Canada Seafood Industry, **Gislason, Gordon**

4. Study on Building a Traceability System for Whale Meat, **Wakabayashi, Takashi**, Akira Nagano, Sadayoshi Mikami, Shinji Kuwabara, Hideto Narumi, Sadayuki Oka

5. Seafood Processing and Trade in Vietnam, **Nguyen Thi, Tram Anh**

**Room 4  Sub-theme 5 (3)**

1. Economic and Biological Factors in Commercial Fish Farming Venture in Africa- The Nigerian Situation, **Ajani, Emmanuel Kolawole**

2. Constraints and Financial Profitability to the Exploitation of Natural, **Meke Soung, Pierre Nolasque**

3. Aquaculture Economics and Management: A Study on Successful Key Factors of Supply Chain System for Offshore Cage Culture Aquaculture Products, **Li, Sui-Ling**
4. Financial Returns from a Tilapia and Catfish Enterprise Using Maize, Wheat and Rice Bran as Supplemental Feed in Fertilized Ponds, **Sobrino, Jose Manuel**, R.M. Mugo, D. Liti


**Room 5  Sub-theme 15 (2)**

1. The Analysis of Economic Effects on Island Eco-Tourism: Wang-An Island Green Turtle Protected Area in Pescadores as Case Study, **Hsu, Chiung-Hsin**, Ching-Ta Chuang, Yu-Lan Chien, George C.T. Chen

2. Economic Results of the Australian National Recreational Fishing Survey, **Campbell, David**

3. Responsible Fisheries: Balancing Objectives and Applying Management, **Copes, Parzival**

4. Hobbyists Preferences for Ecolabeled and Tank-Bred Marine Aquarium Fish, **Alencastro, Liliana**, Sherry Larkin, Charles Jacoby

5. Economic Viability of Private Fish Farmers in Southern Nigeria, **Oyelakin, Oladayo Gbolagunte**

**Session I: 14:00-15:40**

**Room 1  Sub-theme 1 (12)**

1. With Rapid De-Industrialisation, Is It Possible to Devise a Sustainable Policy to Protect Fishery - Hong Kong Experience, **Chan, Peter P.F.**

2. Moving to Fisheries Co-Management in New Zealand: Green-Lipped Mussel Case Study, **Workman, Martin**

3. Cultured Marine Forest as a Key Concept for Responsible Fisheries, **Matsuda, Yoshiaki**

4. Social Economics Impact of Co-Fish Project in Bengkalis, **Yuni Asli Yunus**


**Room 2  Sub-theme 2 (5)**

1. The British Columbia Salmon Fishery “Buyback” Program: A Case Study in Capacity Reduction, **James, Michelle**

2. Tuna Resource Management in High Seas: FOC/ IUU Issue, **Sakamoto, Hiroshi**

3. Cost Recovery and Structural Adjustment: Revealing and Applying Costs of Fisheries Management Services, **Rawlinson, Peter**
4. Russia Needs Successful Fisheries Management Strategies, Shchegoleva, Liudmila
5. An Evaluation of the Commercial Fishing License Policy in the Philippines, Cruz-Trinidad, Annabelle

Room 3  Sub-theme 3 (2)

1. Impacts of EU Food Safety Rules on Thai Shrimp Farming, Dao Huy, Giap, Yang Yi
2. Trade, Environment and the Fishers in Thailand, Tokrisna, Ruangrai
3. Problems with Unregulated "Liberalization of the Fishery Product Trade", Okamoto, Masaru
4. Globalisation of the Salmon Farming Industry, Iversen, Audun

Room 4  Sub-theme 7 (3)

1. Tuna Price in Relation to Economic Factors and Sea Surface Temperature, Pan, Minling, Samuel G. Pooley
2. Behavior of Consumption of Marine Products and Beef under BSE Problem, Ariji, Masahiko
3. Salmon Price Determinants, Myrland, Oystein
4. The Retail Demand for Demersal Fresh Fish in Great Britain, Revell, Brian James, Panos Fousekis
5. Structural Breaks in the Fishmeal - Soybean Meal Price Relationship, Kristofersson, Dadi, James L. Anderson

Room 5  Sub-theme 13 (2)

2. Responsible Action for Mangrove Deforestation in Southeast Asia, Hashizawa, Yuya, Masafumi Yokemoto
4. Traditional Resource Management in Japan: The Case of Seaweed, Wilhelm, Johannes
5. Effects of Fisheries Production Factors, Gao, Jian, Ping Ying

Session J: 16:00-17:40

Room 1  Sub-theme 1 (13)

1. Community Based Managements of Shell Dredge Net Fisheries by the 4 Fisheries Cooperative Associations in Kashimanada, Eastern Japan, Nihira, Akira
2. Towards Sustainable Coastal Fisheries Development: A Case in Trammel Net Fishery in the Northern Coast of Central Java, **Purbayanto, Ari**

3. Impact of Decentralization Policy on Community Based Fisheries Management: A Lesson from the Case of West-Lombok, Indonesia, **Satria, Arif**, Yoshiaki Matsuda

4. Decentralized Management the New Approach of Thai Coastal Fishery Management, **Juntarashote, Kungwan**

**Room 2  Sub-theme 2 (6)**

1. Comparing Bookkeeping and Field Survey Methods for Assessing Fishing Fleets Economic Performance: A Case Study of Brittany Fishing Fleets (France), **Boncoeur, Jean**, Fabienne Daures, Olivier Guyader, Annaick Martin, Pascal Le Floch, Olivier Thebaud

2. Resources Management Through Individual Transferable Quota System and Its Influence on the Trading Volume, A Case Study of New Zealand, **Ohnishi, Manabu**

3. Modeling Entry, Stay, and Exit Behavior of the Longline Fishers in Hawaii, **Pradhan, Naresh C.**, PingSun Leung

4. Valuation of Directed and Incidental Shark Permits for a Proposed Buyback Program for the U.S. Atlantic Shark Fishery, **Adams, Charles**, Sherry Larkin

5. Empirical Analysis of the Transboundary Dynamics for Georges Bank Groundfish, **Soboil, Mark Lucas**, Jon G. Sutinen

**Room 3  Sub-theme 8 (6)**

1. Incorporating Fisher Location Choice in a Multi-Objective Bio-Economic Model of the English Channel Fisheries, **Mardle, Simon**, Sean Pascoe

2. An Optimization Model of Marine Protected Area and Its Social Impacts to the Coastal Communities in Seribu Island, Indonesia, **Fauzi, Akhmad**, Suzy Anna

3. Evaluation and Simulation of Fishing Capacity and Backward-Bending Supply of the Offshore Fishery in Taiwan, **Sun, Jenny Chin-Hwa**

4. Individual Habitat Quotas for Fisheries, **Holland, Daniel S.**, Kurt Schnier

**Room 4  Sub-theme 6 (5)**

1. Expansion and Consolidation in the British Columbia Salmon Processing Industry, **Millerd, Frank**

2. Tsukiji: The Fish Market at the Center of the World, **Bestor, Theodore C.**

3. Nearly Two Centuries of Fish Canning. An Historical Look at European Exports of Canned Fish, **Guillotreau, Patrice**, Joao Ferreira Dias, Ramon Jimenez Toribio

5. Optimal Storage Temperature Design for Frozen Seafood Inventories: Application to Pacific Whiting Surimi, **Sylvia, Gilbert**, Merrick Burden, Edward Kolbe

**Room 5  Sub-theme 10 (2)**

1. Fisheries Management in the Social-Political Domain: Perspectives from Tanzania’s Lake Victoria Fishery, **Medard, Modesta**, K. Geheb

2. Potential Fishing Industry Activities and Financial Aspects of East Malaysian Marine Fishery, **Safa, Mohammad Samaun**

3. An Application of Neural Network on Early Warning System by Rating for the Credit Department of Fishermen Association in Taiwan, **Chuang, Ching-Ta**, Hsiang-His Liu, Ming-Feng Wu


5. Fishermen Cooperatives: A Tool for Socio-Economic Development, **Sapovadia, Prof. Vrajlal**
29 July, 2004
Session K: 9:00-10:40

Room 1  Sub-theme 1 (14)
1. Fisheries Management of Sandfish in Akita Prefecture, Tamaki, Yasuji
2. Management of Japanese Flounder Fishing by Fisheries Cooperative Associations and the Assistance of Local Government in Ibaraki Prefecture, Japan, Nihira, Akira
3. Community Based Fisheries Management (CBFM) as the Future Fisheries Management Option for Small-Scale Fisheries of Bangladesh, Hossain, Md.Monir, Md. Aminul Islam, Stephen Ridgway, Takashi Matsuishi
5. Fisheries Management In Dominican Republic: The Role of International Cooperation for Responsible Fisheries, Mateo, Jeannette

Room 2  Sub-theme 2 (7)
1. A Comparative Analysis of Italian Buyback Programs, Spagnolo, Massimo
2. Frustrating Sustainable Fisheries. Stake Holder Interpretation of the QMS and Sustainability as a Fisheries Imaginary in New Zealand, Rees, Eugene Bruce, Edwin Massey
3. The Use of Market-Like Instruments in OECD Countries, Le Gallic, Bertrand
4. Global Marine Species Census Coordination Project, Rigby, Robin
5. Management of Pelagic Fisheries in South Africa -Transformation Requires Changes in Participation and the Knowledge Base for Management, Hara, Mafaniso

Room 3  Sub-theme 5 (4)
1. Aquatic Systems’ Potential to Recycle Organics and to Deliver Fish: Applying a Principal Agent Framework to Nature Service, Nuppenau, Ernst-August
2. A Comparative Study of Aquaculture Site Attribution by Public Agencies, Boudribila, Youssef
3. Shrimp Farming and Sustainability in Asia: Toward an Ecosystemic Management, Raux, Pascal, Denis Bailly, Le Thi Thu Ha
Room 4  Sub-theme 3 (3)

1. Fisheries Effects on Canadian Marine Ecosystems: Implications of International Trade, Marsden, Allan Dale, Ussif Rashid Sumaila
2. Assessing International Competitiveness of Taiwan's Fishery Products, Ling, Bith-Hong
3. Impact of Fisheries Management on International Trade and Fisheries for Northwest Atlantic Groundfish, Soboil, Mark Lucas, Jim Anderson

Room 5  Sub-theme 14 (1)

1. Roles of Women in Fishery and Community Development in Japan: Through Empowerment for Women's Entrepreneurship, Soejima, Kumi, Masahiro Yamao
2. Capacity Building of Women in Fisheries to Local Business Entity Development, Ruangsivakul, Sumitra
3. A Study of the Fishing Community Female Labor Participation and Job Searching in Taiwan, Lee, Yao-Hsien, Ching-Ta Chuang, Chiung-Wen Chang, Huang-Ju Chen
4. Community Based Fisheries Management in the Coastal Area of Bangladesh with Emphasis on Gender, Mowla, Runia
5. Innovative Diversification of Fishing Units Through Women Initiatives, Frangoudes, Katia, Christine Escallier
II. Poster Session (PS)
26-28 July, 2004
Poster Session A: 12:40-13:20

PSA 1  Diversified Selective & Non-Selective Fishing Gears and Impacts on the Inland Waters of Bangladesh, **Kibria, Md. Ghulam**, Runia Mowla

PSA 2  Toxicity of Puffer Fish: Impacts on Social Livelihood of Bangladesh & Vietnam, **Kibria, Md. Ghulam**, Runia Mowla

PSA 3  Studies on Japanese Fisheries Management in Western Languages: Overview, Summary and Outlook, **Wilhelm, Johannes**

PSA 4  Fisheries Policy Reforms and the Current Perceptions about Community Fisheries and Co-Management of Fisheries, **Pha, Sroy**

PSA 5  Induction of Triploidy in Australian Greenlip Abalone (*Haliotis laevigata*), with Cytochalasin B, **Li, Yan**

PSA 6  Study on the Effect of 17b-Estradiol (E2) on Calanoid Copepod, *Acartia omorii* (Bradford), **Hossain, Md. Khaled**

PSA 7  Indonesia's Aquaculture Industry: Current Status and Future Directions, **McElroy, James Kevin**

PSA 8  Indonesia's Coral Reef Rehabilitation and Management Program: Lessons Learnt and Future Directions, **McElroy, James Kevin**

PSA 9  Structure Analysis of Issues Regarding the Successor Shortage in Fishery Communities and Its Countermeasures (Example Analysis of Tomamae Town, Hokkaido, Japan), **Furuya, Atsumi**, Izumi Seki, Sadayuki Oka, Akira Nagano

PSA 10  Marine Production and Distribution System and Dispersed / Integrated Construction of Fishing Ports, **Nagano, Akira**, Atsumi Furuya, Sadayuki Oka, Minoru Shibai

PSA 11  Study on the Impact of Toxic Chemicals on the Biodiversity of the Bay of Bengal to Make It a Sustainable Life-Supporting System, **Khandaker, Borkot Ullah**

PSA 12  Culture of Tiger Shrimp *Peneaus monodon* Fabricius Using Probiotics in Brackish Water Pond at Perak, Malaysia, **Kamal, Abu Hena Mustafa**, Hishamuddin O, Misri K, Faridah A


PSA 14  Economic Activities and Participation Extension, **Laowapong, Amporn**

PSA 15  Broadening the Horizons of Inland Fish-Farming in the African Economy, **Tazoacha, Francis**

PSA 16  Evolution of the Strategies for Betterment of Future: A Case Study of Export Oriented Seafood Industry in Sri Lanka, **De Silva, Devarahandhi Achini Melda**, Masahiro Yamao

PSA 17  Natural Symbiosis Type Fishing Port Maintenance Using the Mangrove (Example of the Jakarta
Fishing Port), Kuwabara, Shinji, Sadayuki Oka, Sadao Orisimo, Akira Nagano  
PSA 18  The Effects of Selected Neurotransmitters and Compounds on the Motility of an Isolated Indian Major Carp (Cyprinus carpio) Gut Preparation, Sarker, Mukhlesur Rahman, Mahmudul Hasan  
PSA 19  Some Points of Fish Export and Internal Fish Market of Russia, Kurmazov, Alexandr
26-28 July, 2004

Poster Session B: 13:20-14:00

PSA 20 Effect of Pyridine Triphenyl Borane (KH101) on Calanoid Copepod, *Acartia omorii* (Bradford), Hossain, Md. Khaled, Takashi Ishimaru, Seiichi Takeda

PSA 21 Scottish Inshore Fisheries Management - How to Achieve a Sustainable Future, Watson, Jim

PSA 22 Spawning Migration of Perch, *Perca fluviatilis* (L.), in Different Coastal Waters in the Baltic Sea, Siddika, Mahruba, Hannu Lehtonen

PSA 23 Capacity Management in the Northeast United States Groundfish Fishery in Retrospect: Fishery Management: Court Orders, and Buybacks, Thunberg, Eric

PSA 24 Participation, Accountability, and the European Union’s Common Fisheries Policy, Delaney, Alyne Elizabeth, Doug Wilson

PSA 25 The Role of Fish Seed Production and Marketing Functionaries in Fisheries Extension, Chowdhury, Masudul Hoq

PSA 26 The Management of Yellowedge Grouper in the United States Gulf of Mexico, Kim, Dohoon, Lee G. Anderson

PSA 27 The Development and Prospect of the Aquaculture in Asia, Sun, Chen

PSA 28 The Dynamics of Recreational Angling in Namibia, Nashandi, Wilbard

PSA 29 Red Tide Events and Tourism in Coastal Florida, Morgan, Kimberly, Sherry Larkin, Charles Adams

PSA 30 The Diverse Value of Ecolabeling in Fisheries, Jacoby, Charles, Liliana Alencastro, Sherry Larkin

PSA 31 Credit Services and Women Empowerment in Coastal Fishing Communities: An Empirical Survey, Sultana, Tunazzina, Mohammed Solaiman, Mohammed Jamal Uddin

PSA 32 People’s Participation in Coastal Resources and Environmental Management for Tourism Development in Chang Islands, Thailand, Ajjimangkul, Sangtien, Sansanee Wangvoralak, Kungwan Juntarashote

PSA 33 The Establishment of a Computer Network System to Collect the Detailed Catch Data of Coastal Fisheries and Its Utilization in Ibaraki Prefecture, Japan, Nihira, Akira

PSA 34 Consumers Preferences for On-Farm Aquacultural Products, Wolfe, Kent, Chung Hunang, John McKissick

PSA 35 The Transformation of Production & Consumption Pattern of Canned Tuna Products with Reference to the Transnational Agribusiness Development, Yamashita, Haruko