

Ocean Management Research Network (OMRN) National Conference

Canada's Oceans: Research, Management and the Human Dimension

October 25-27, 2002: University of Ottawa

Paper and Poster Sessions

SUMMARY

Paper Sessions: Friday October 25: 1:30-3:00

Integrated Planning and Management (1) – Chair: Jim Wilson

Marine Knowledge / TEK (1) – Chair: Alan Penn

Offshore Oil and Gas – Chair: David VanderZwaag

The Ocean Environment, Health and Food Security – Chair: Erin Rankin

Ecosystem Approaches to Ocean Management (Sustainability-1)
Chair: Peter Sinclair

Paper Sessions: Friday October 25: 3:30-5:30

Marine Knowledge / TEK (2) – Chair: Evelyn Pinkerton

Integrated Planning and Management (2) – Chair: Rod Dobell

Fishery Management – Chair: Martin Weinstein

Issues in Sustainable Ocean Use (Sustainability-2) – Chair: Peter Sinclair

Paper Sessions: Saturday October 26: 1:30-3:00

Resilience and Adaptive Management – Chair: Craig Millar

Community and Regional Management – Chair: Ralph Matthews

Scientific Tools for Ocean Management – Chair: Patricia Gallagher

Aquaculture – Chair: Alison Gill

Fishery Management and Co-management (Sustainability-3) – Chair: Peter Sinclair

Paper Sessions: Saturday October 26: 3:30-5:30

Marine Protected Areas – Chair: Philip Dearden

Stakeholders, Communities and Learning – Chair: Rosemary Ommer

Ecosystem-Based Management – Chair: Dan Lane

Ocean Regulation and Rights – Chair: Michael Butler

Poster Session: Saturday October 26: 5:30-7:00

Paper Sessions: Friday 1:30-3:00

Integrated Planning and Management (1) – Chair: Jim Wilson

Bauer, Brenda

Linking Integrated Management Theory with Practice in the Pacific: The Central Coast Integrated Management Initiative

Rigg, Catherine

Salt in the Earth: Linking Marine and Terrestrial Conservation Initiatives in Island Communities on Haida Gwaii/Queen Charlotte Islands

Deacoff, Cameron J.

Managing the Cumulative Effects of Physical Alterations to the Halifax Harbour Environment

Marine Knowledge / TEK (1) – Chair: Alan Penn

Vodden, Kelly and Berry, Michael

"Seeing the World Through Our Eyes": Strategies and Tools for Incorporating Community and Local Knowledge in Responsible Coastal Planning

Cheeseman, Jackie

Using Local Ecological Knowledge (LEK) as a Tool for Measuring Population Changes

Parlee, Brenda and Kendrick, Anne

Community-Based Indicators and Monitoring: The Value of Local and Traditional Knowledge

Offshore Oil and Gas – Chair: David VanderZwaag

MacIsaac, Lucia and Shrimpton, Mark

Offshore Petroleum Exploration Rights Issuance in Cape Breton Island and Newfoundland

Muir, Magdalena A.K.

Reconciling Economic Development and Marine Conservation and Protection, Focusing on

Offshore Hydrocarbon Activities, Shipping and Navigation

House, Douglas

Oil and Gas Developments off Canada's Coastal Provinces: Retrospect and Prospect

The Ocean Environment, Health and Food Security – Chair: Erin Rankin

Myers, Heather; Berkes, Mina Kislalioglu; Fast, Helen and Berkes, Fikret

Feeding the Family in Times of Change

Bird, Ranjana P. and Bird, Glen A.

Biomarkers of Human Health

Thompson, Shirley; Blakney, Sherrie and Berkes, Fikret

At-risk Communities and Environmental Hazards: Environmental Justice in Canada's Ocean Strategy

Ecosystem Approaches to Ocean Management (Sustainability-1) – Chair: Peter Sinclair

LeDrew, Steve

Ecosystem-Based Fisheries Management: Critical Issues and Prospects for Social Science

Jiao, Yan; Chen, Yong and Wroblewski, Joe

Uncertainty associated with F(0.1) biological reference point for the Atlantic Cod (*Gadus morhua*) Fisheries in Division 2J3KL

Montevecchi, W.A.; Davoren, G.K.; Stenhouse, I.J.; Burke, C. and Hedd, A.

Learning from Avian Predators - Natural Assays of Fish Stock and Ecosystem Conditions

Paper Sessions: Friday 3:30-5:30

Marine Knowledge / TEK (2) – Chair: Evelyn Pinkerton

Sloan, Norm A.

Gwaii Haanas' Role in Gathering Regional Marine Knowledge

Manseau, Micheline and Parlee, Brenda

Traditional Ecological Knowledge and the Management of Natural Resources: Case Studies from Northern Canada

Paul, Kenneth D.

The Need for Ethical Guidelines and Policy for Protecting Indigenous Property in Traditional Ecological Knowledge Research

Nichols, Sue

Good Ocean Governance Means Managing our Knowledge Better

Integrated Planning and Management (2) – Chair: Rod Dobell

Alder, Jackie

Regional Marine Plans - Sinking or Swimming Australia's Ocean Policy: Lessons for Canada

Gill, Alison

The Challenges of Integrating Coastal and Marine Tourism into Coastal Zone Management

Rutherford, R.; Duggan, D.; Fenton, D.; Herbert, G.; Coffen-Smout, S. and Macnab, P.
Social Science Needs for Collaborative Oceans and Coastal Management in the Maritimes: A Practitioners' Viewpoint

Fishery Management – Chair: Martin Weinstein

Bendell-Young, Leah

Some Issues Facing the Expanding British Columbia Shellfish Industry

Gallaugher, Patricia; Farrell, Anthony and Routledge, Richard
Improving the Chances of Survival for Bycatch Fish

Rudd, Murray A.

An Institutional Framework for Objective-based Fisheries Management Policy Design and Monitoring

Miller, Robt. J.

What Would a Better Managed Lobster Fishery Look Like and Can We Get There from Here?

Issues in Sustainable Ocean Use (Sustainability-2) – Chair: Peter Sinclair

Catto, Norm; Paone, Laura; Forbes, Don and Liverman, Dave
Natural Processes, Anthropogenic Influences, and Sustainability Issues, Northeast Avalon Peninsula, Newfoundland, Canada: Resistible Forces meet Moveable Objects

Ridler, Neil

Policies for the Promotion of Aquaculture: A Survey of Global Practices

Grzetic, Brenda

Women Fish Harvesters in Newfoundland and Labrador: Their Safety and Health Concerns at Work

Sumaila, Ussif Rashid

Altruism in Economic Models and Natural Resource Overexploitation: Consequences for Future Generations

Paper Sessions: Saturday 1:30-3:00

Resilience and Adaptive Management – Chair: Craig Millar

Kofinas, Gary and Nicolson, Craig

Learning to Live with Uncertainty: Linking Ecological Monitoring with Simulation Models to Advance the Practice of Adaptive Co-Management

Berkes, Fikret; Marschke, Melissa and Bankes, Nigel

Cross-Scale Institutions and Building Resilience in the Canadian North

Bankes, Nigel

Law, Hierarchy and Resilience: Fisheries Management under the Nunavut Claim

Community and Regional Management – Chair: Ralph Matthews

Wilson, James R.

Public Choice and Institutional Perspectives on Governance Issues: Beyond the Ideal of Community Based Fisheries Management

Fanning, Lucia M.

Rethinking Governance Mechanisms: Community Management Boards and the Inshore Groundfish Fishery in Atlantic Canada

Charles, Tony

Community-Based Fisheries Management

Scientific Tools for Ocean Management – Chair: Patricia Gallagher

Snelgrove, Paul

Ocean Observatories: The Future of Marine Science in Canada?

Todd, Brian J. and Pickrill, Richard A.

The Multiple Roles of Acoustic Mapping in Integrated Ocean Management, Canadian Atlantic Continental Margin

Mason, Brad

Using the Internet to Map Coastal Resources in British Columbia, Canada

Aquaculture – Chair: Alison Gill

Schreiber, Dorothee and Matthews, Ralph

Salmon aquaculture in BC: The Construction of Natural-social Hybrids in the Fish Farming Industry

Slocombe, D. Scott; Janetos, Stephanie and Bavington, Dean

Integrated Planning and Management for Aquaculture Sustainability: From Issues to Initiatives

Orr, Craig

Sea lice, Salmon Farming, and Science Capacity

Fishery Management and Co-management (Sustainability-3) – Chair: Peter Sinclair

Copes, Parzival

Policy versus Practice: Resolving Contradictions in Canadian Fisheries Management

Day, Andrew

Deep Roots and a Firm Foundation: The West Coast Vancouver Island Aquatic Management

Board Approach to Making Hard Choices in Modern Aquatic Management

Davis, Reade; Whalen, Jennifer and Neis, Barbara

From Orders to Borders: Efforts Toward a Sustainable Co-Managed Lobster Fishery in
Northeastern Newfoundland

Paper Sessions: Saturday 3:30-5:30

Marine Protected Areas – Chair: Philip Dearden

Baker, Krista
Designating Marine Protected Areas: An Ecosystem Approach

Ng'ang'a, Sam
Information Requirements for Marine Protected Areas

Jessen, Sabine and Ban, Natalie
Challenges and Opportunities to the Establishment of Marine Protected Areas in Canada

LeRoy, Sean; Dobell, Rod; Dorsey, Tony and Tansey, James
Public Process and the Creation of Marine Protected Area at Race Rocks, British Columbia

Stakeholders, Communities and Learning – Chair: Rosemary Ommer

Diduck, Alan and Bankes, Nigel
Unpacking Social Learning in Social-Ecological Systems: A Case Study of the Nunavut Wildlife Management Board's Introduction of Community-Based Management of Narwhal

Chouinard, Omer; Vanderlinden, Jean-Paul and Vasseur, Liette
Community Capacity and Mutual Learning in some Coastal Communities in Maritime Provinces

Eamer, Joan; Kofinas, Gary and Smith, Barney
What Works? Building a Framework to Match Objectives and Methods in Community-Based Monitoring Programs

Sutherland, Michael
Drawing New Mental Maps: Stakeholder Relationships and Marine Resource Management

Ecosystem-Based Management – Chair: Dan Lane

Cobb, Donald; Berkes, Fikret and Berkes, Mina Kislalioglu
Marine Environmental Quality, Ecosystem-Based Management, and their Social Dimensions in the North

Davoren, G.K.; Burke, C.; Stenhouse, I.J. and Montevecchi, W.A.
Capelin Ecology - Interactions among Forage Fish, Predators, Fishers and Managers

Haedrich, Richard L. and Devine, Jennifer A.
Fish Community and Human Ecology in a Fishery Ecosystem

Hatcher, Bruce G.
Scaling Management Units to Ecosystem Components in Ocean Management Areas

Ocean Regulation and Rights – Chair: Michael Butler

Huebert, Rob

The Return of the "Vikings": New Challenges for the Canadian North

Cockburn, Sara

Sink or Swim: Building Resource Management Capacity Through Resource Claim Analysis

Dobson, Suzanne

Industry versus Government Regulation for Ocean Governance in the "New Economy": An examination of the Jurisdictional and Regulatory Conflicts Impacting Corporate Policy-making in the Canadian Pacific Cruise Ship Industry

Doubleday, Nancy

Prospects for Institutional Adaptation in Relation to Culture: Sustainability and Nunavut

Poster Session: Saturday 5:30-7:00

Bill, Laren and Henley, Thomas

Video-Recording of Northern Community-Based Monitoring: Case Studies of Baffin Island (NU), Lutsel K'e (NWT), Old Crow (YT), Queen Charlotte Islands (BC)

Blakney, Sherrie; Davidson-Hunt, Iain and Berkes, Fikret

Restoring Cultural and Ecological Landscapes: Using Indigenous Knowledge and Values for Environmental Health

Burke, C.; Stenhouse, I.J.; Davoren, G.K. and Montevecchi, W.A.

What the Past Can Tell Us about the Present: Part I. Historical Reconstruction of Coastal Settlements and Interactions with Marine Resources, 1500-2000

Campbell, David; Buchanan, Seana and Routledge, Rick

A fisherman's knowledge extends the Department of Fisheries and Oceans salmon size data by 10 years.

Dobson, Deirdre and Hutchinson, Ian

Effects of a Cascadia Megaeearthquake on Coastal Fisheries in BC

Schaefer, H.L.; McCullough, D.; Johnston, S.K. and Duggan, D.R. (presenter)

Significant Habitats: Atlantic Coast Initiative (SHACI)

Fast, Helen; Cobb, Don; McDonald, Miriam and Newton, Steve

Developing a Research Agenda for Hudson Bay

Kristofferson, Allan H.

Management of the Anadromous Arctic Char Fisheries along Canada's Arctic Coastal Region - A practical approach to dealing with biological complexity

Lee, Robyn

Digby Annapolis Kings Wharf Strategy Project

M'Lot, Maria and Manseau, Micheline (presenter)

Kâ Isinâkwâk Askîy: Using Cree knowledge to perceive and describe the landscape of the Wapusk National Park Area

Pickrill, Richard A. and Todd, Brian J.

SEAMAP: Integrated seafloor data for ocean management in Canada

Quijon, Pedro A. and Snelgrove, Paul V.R.

Regulation of marine diversity in Bonne Bay, Western Newfoundland: potential changes in benthic communities and their relation to the fishery

Robichaud, Marise

Community capacity and scallop enhancement in Botsford Community

Sabeau, J. and Clague, J.J.

Measuring Coastal Land-Level Change Associated With Large Earthquakes Using Marsh

Foraminifera

Schlag, Michelle and Henley, Thomas

Development of A Strategy to Engage Inuvialuit Youth in Stewardship of Ocean Resources

Stenhouse, I.J.; Burke, C.; Davoren, G.K. and Montevecchi, W.A.

What the Past Can Tell Us about the Present: Part II. Historical Reconstruction of Seabird Populations, 1500-2000

Whitely, Jonathan

Turning the Tide: Working with shellfish farmers to understand the effects of their practices