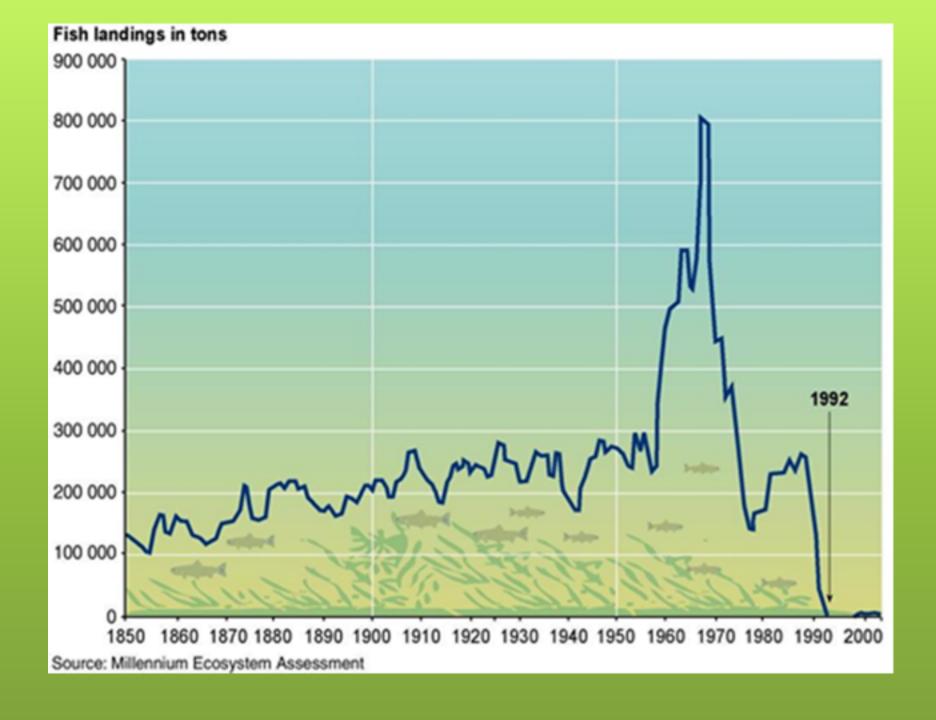
Local Communities: Key to Success in Conservation & Sustainable Livelihoods





Cod Collapse & Coastal Communities

Coastal communities play a key role in conservation of the ocean.

I saw first-hand that stewardship 25 years ago, after Canada's cod fishery collapse... coastal people concerned for the future of their communities and their livelihoods.

For them, future of communities depends on the future of the ocean, so conservation matters.

Thursday Perspective

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Message: It's time for 20°C to bugin solving not only with the finking indusry, but also with country consequities, which have a big stake in the finkery of he follows.

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Coastal Communities Saving the Seas

Oceans are so vast, the problems so immense... can one coastal community make a difference? YES!



shore - land-based pollution, marine habitat damage, fishing pressure and the like. Coastal communities are truly on the front

Anthony Charles

Pew Fellow in Marine Conservation Saint Mary's University Halifax, Nova Scotia Canada tony.charles@smu.ca

Save Money!

Governments and NGOs: in your marine conservation plans, be sure to support plenty of small-scale community-based initiatives. They work well and can save us money...

One Brick at a Time! Local-level community-based conservation is making a real difference for ocean ecosystems!

Combining ecosystem-based management and community-based management can improve marine conservation in three key ways..

- Adding traditional ecological knowledge and 'local knowledge'.
- Drawing on strong human institutions and community support.
- •Using participatory research involving local people and scientists

Connecting Communities to Ecosystems...

conservation problems and protect livelihoods. These community success stories reflect the inspiration of community action.

A key message is that while the world's seas are vast, ocean conservation can and is successful "one brick at a time"; real support from governments and international bodies can help multiply these success stories many times.

Coastal Community Example #1

In Eastport (Newfoundland, Canada), local fishermen partnered with government and universities to improve ocean habitat and lobster stocks. This led to an official marine protected area that now protects their fishing livelihoods.





After the devastating collapse of the Atlantic cod fishery, the fishers of the community of Eastport, in Newfoundland on the Atlantic coast of Canada, organized themselves to take action to protect their lobster-fishing livelihoods. The fishers worked with scientists and involved the children in

local schools, to create a real conservation success... both improving their lobster stocks and protecting the ocean ecosystem for the benefit of all...

Coastal Community Example #2

Youth in the native community of Bear River (Nova Scotia, Canada) have worked together to restore local streams, following their traditional aboriginal practices in harmony with Nature. The fish are now returning to reproduce again...



or many thousands of years. One community, Bear River, in the Bay of undy, has seen neighboring lands deforested and local ocean areas polluted. They see the land and the sea as fundamentally connected, notably by the

Coastal Community Example #3

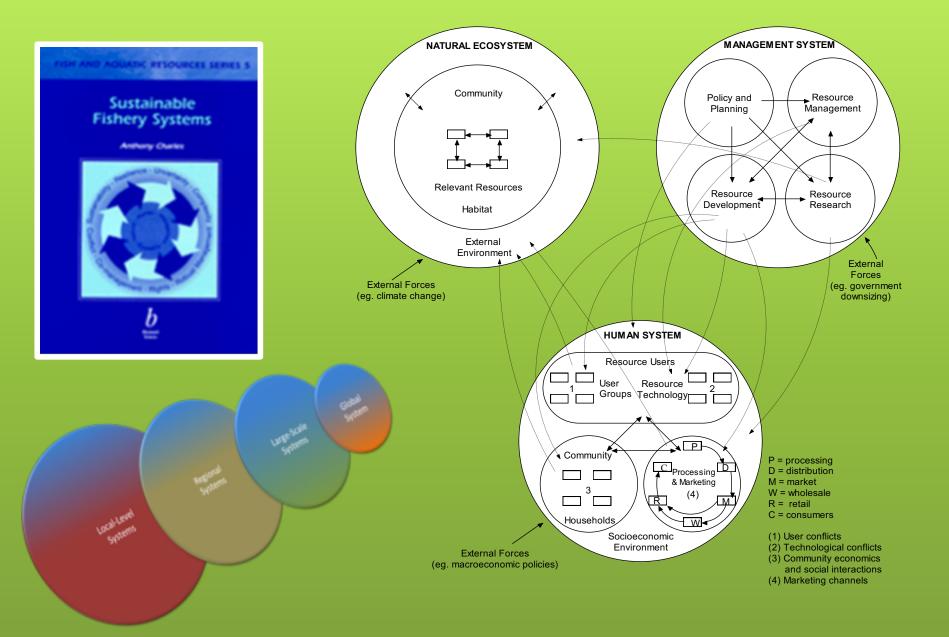
Native and non-Native communities on Vancouver Island (Pacific coast of Canada) came together to create an Aquatic Management Board, which supports a common vision of sustainability and respect for the people and nature in the region.



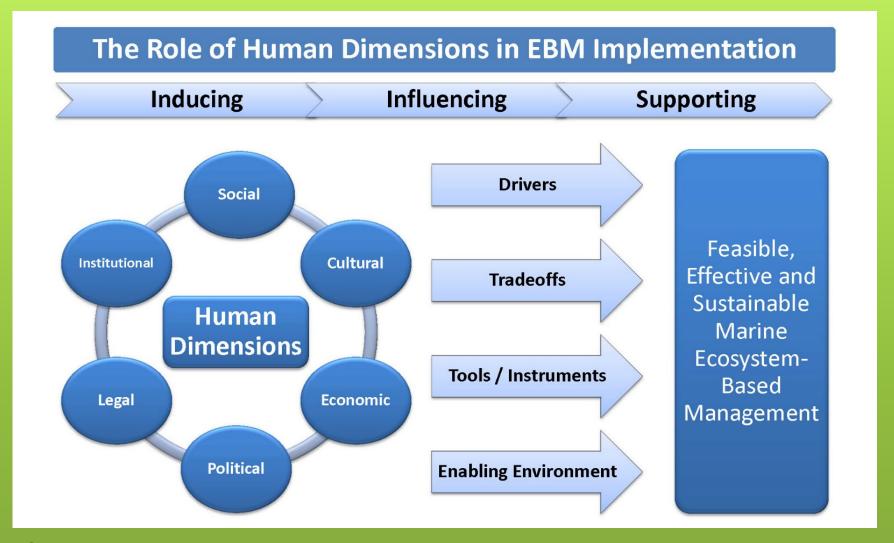
On Canada's Pacific coast, fishing families, conservationists and aboriginal communities living on the west coast of Vancouver Island all share a common concern over the fate of the marine environment they love. The communities came together to form the West Coast Vancouver Island Aquatic Management

Board... a vehicle to plan coastal activities that are in keeping with sustainability and with "respect" for people and nature in the region.

Systems & Integration: 1. Systems

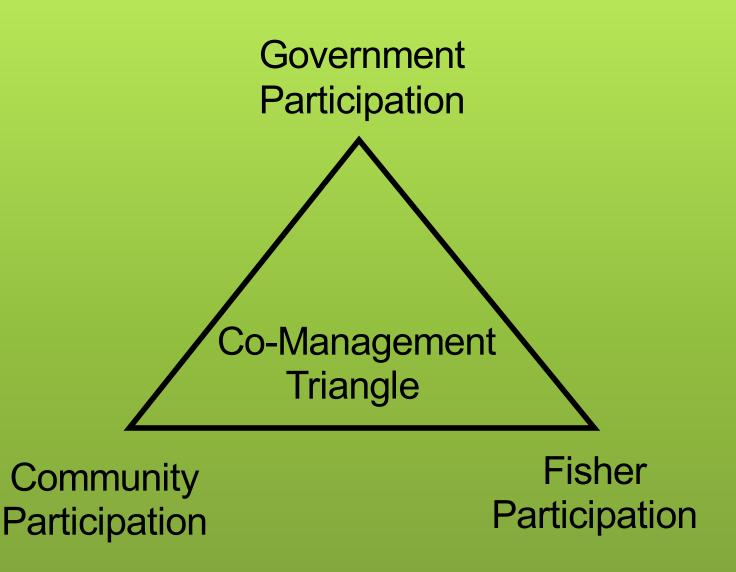


Systems & Integration: 2. EBM

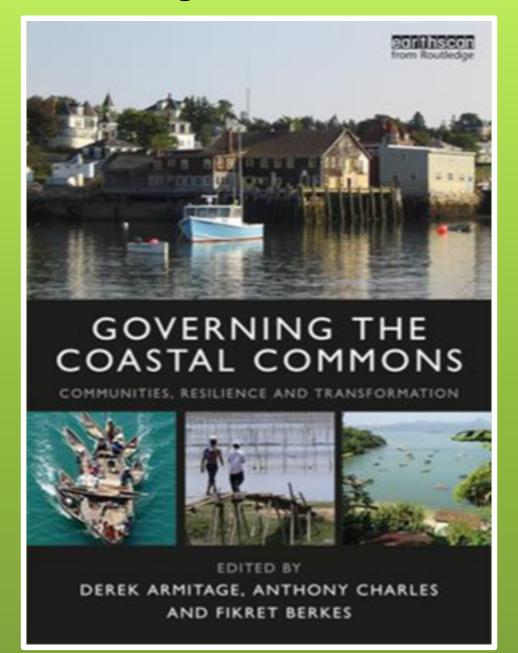


Charles, A. 2014. Human dimensions in marine ecosystem-based management. Marine ecosystem-based management. The sea. Vol. 16. (M.J. Fogarty & J.J. McCarthy, editors) Harvard U. Press. 568p.

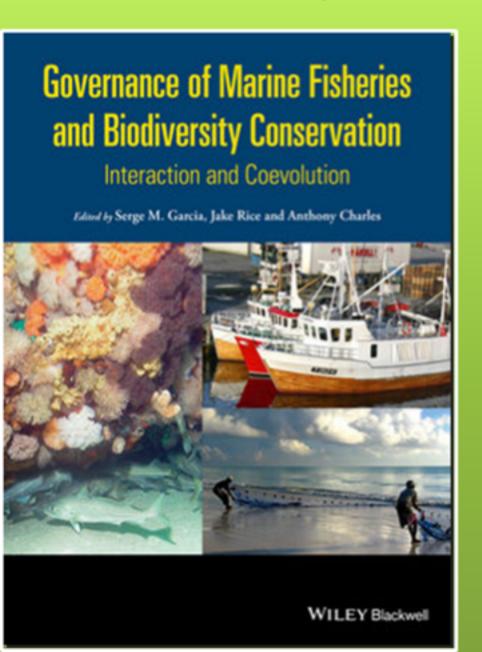
Systems & Integration: 3. Co-management



Systems & Integration: 4. Governance



Systems & Integration: 5. Governance Streams





FAO FISHERIES AND AQUACULTURE TECHNICAL

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Marine protected areas: Interactions with fishery livelihoods and food security











Systems & Integration: 6. Indicator Frameworks



Genuine Progress Index for Atlantic Canada / Indice de progrés véritable - Atla

MEASURING SUSTAINABLE DEVELOPMENT

APPLICATION OF THE GENUINE PROGRESS INDEX TO NOVA SCOTIA

THE NOVA SCOTIA GPI FISHERIES & MARINE ENVIRONMENT ACCOUNTS

A PRELIMINARY SET OF ECOLOGICAL, SOCIOECONOMIC AND INSTITUTIONAL INDICATORS FOR NOVA SCOTIA'S FISHERIES AND MARINE ENVIRONMENT

> Prepared by: Anthony Charles Heather Boyd Amanda Lavers Cheryl Benjamin



MEASURING SUSTAINABLE DEVELOPMENT

APPLICATION OF THE GENUINE PROGRESS INDEX TO NOVA SCOTIA

FISHERIES AND THE MARINE ENVIRONMENT IN NOVA SCOTIA: SEARCHING FOR SUSTAINABILITY AND RESILIENCE

by

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"Saint Mary's University Halifax, Nova Scotia, 80H 3C3 Canada

January 2009

A. Charles, C. Burbidge, H. Boyd and A. Lavers. 2009. Fisheries and the Marine Environment in Nova Scotia: Searching for Sustainability and Resilience. GPI Atlantic. Haliffor, Nova Scotia. Web: http://www.gpiatlantic.org/pdf/fisheries/fisheries-2008.pdf

Creating community-based indicators to monitor sustainability of local fisheries

Heather Boyda,*, Anthony Charlesb

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Management Science/Environmental Studies, Saint Mary's University, Halifax, Nova Scotia, Canada B3H3C3

Systems & Integration: 7. SSF Guidelines

Voluntary Guidelines for Securing Sustainable Small-Scale Fisheries

in the Context of Food Security and Poverty Eradication

Takes systems approach to include fishing communities and their stewardship work, and responses to climate & environmental threats.

Ground-breaking integration of fisheries with broader issues and frameworks, in community, social, economic, governance systems.

Systems & Integration: 8. Human Rights

Human-Rights Based Approach – Assessment Framework		
	Individual or Household	Community or Collective
Right to Food		
Right to Livelihood		
Right to Access		
Right to Participate (Management Rights)		
Accountability & Transparency		
Equity / Fairness Non-Discrimination		
Empowerment		
Capacity		

Systems & Integration: 9. Links among SDG

SUSTAINABLE GEALS





























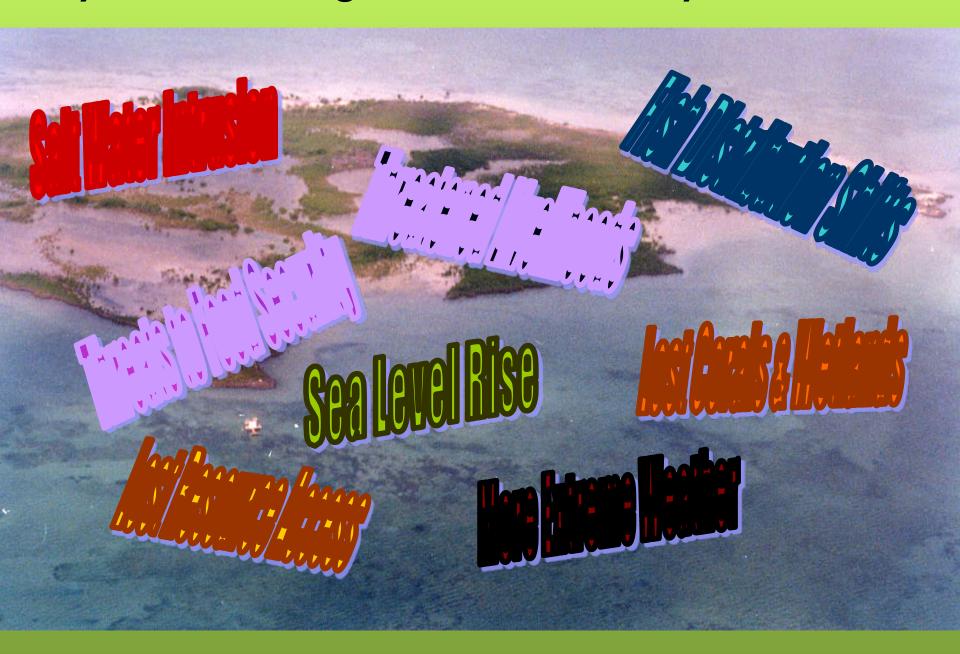








Systems & Integration: 10. Poverty & Climate





Community Conservation Research Network

Successful community environmental stewardship, sustainable livelihoods, and government engagement.

www.CommunityConservation.net

Facebook.com/CommunityConservationResearchNet

Twitter: @CCRN_News









CCRN examines local community experiences in conservation that benefits the livelihoods and well-being of local residents.

Addresses environmental and economic challenges, as well as governance needs, through an SES framework worldwide.

Partnership of indigenous bodies, NGOs, communities, universities and governments, based at Saint Mary's University in Halifax.



Mainstreaming climate change in the Coquimbo Region, Chile



Why do communities conserve? Lessons from Samudram Women's Federation in **Odisha, India**



Recognising rights and integrating local knowledge into an estuary management plan in the **Olifants Estuary:** South Africa





Aboriginal fishing rights, livelihoods, and resource conservation. Nuu-chah-nulth Tribal Council, **Vancouver Island, Canada**



Developing a community-based Innu Nation environmental policy in **Natuashish**, **Labrador**, **Canada**



Strengthening the capacity for ecosystem change in coastal communities: the spiny lobster fishery of **Punta Allen, Quintana Roo, Mexico**



Key Messages from the CCRN

- 1. Community conservation essential to livelihoods & economies.
- 2. Involving local communities leads to better sustainability results.
- 3. Excluding communities leads to conflict and management failure.
- 4. Conservation efforts must properly use community knowledge.
- 5. Must learn to 'scale up' and 'scale down' to maximize benefits.

INTERNATIONAL CONFERENCE:

COMMUNITIES CONSERVATION & LIVELIHOODS

MAY 28-30, 2018 · HALIFAX, CANADA







Co-organized and hosted by CCRN-SMU and IUCN-CEESP. 400 participants (including 100 Indigenous) from 50 countries. Set of resulting commitments including follow-up activities.



The CCRN provides a global learning and resource platform on community-based conservation and broadly, the relationships between Community, Conservation and Livelihoods. Please take some time to browse our ever-growing resources which include an interactive Communities in Action map, Community Stories from around the world, Publications on a wide range of environmental topics, Webinars, Videos, Radio clips, etc.



Communities Conservation Livelihoods

Community Stories

Stories that showcase a fresh perspective & insightful approach to community conservation & sustainable livelihoods, within a local environmental, cultural & political context

BROWSE COMMUNITY STORIES



Community Conservation Guidebooks

View our community conservation guidebooks. These resources focus on Governance and Social-Ecological Systems respectively. View these frameworks in PDF or interactive

SOCIAL ECOLOGICAL SYSTEMS GUIDEBOOK

GOVERNANCE GUIDEBOOK



Webinars

The Community Conservation Research Network's 10 part webinar series is an in-depth exploration of the themes central to the CCRN: communities, conservation and livelihoods.

BROWSE WEBINAR VIDEOS



Videos

The following videos and short documentaries are produced by researchers and organizations of many forms, all conveying important insights and experiences on the linkages of Communities, Conservation and Livelihoods.

VIEW CCRN VIDEOS



Communities in Action

Contribute to our growing, global database and share the efforts of a local community with this unique, knowledge-sharing network and interactive map.

EXPLORE OR CONTRIBUTE



Governing the Coastal Commons

An examination of how coastal communities adapt to environmental change, approaches to governing the coastal commons, emphasizing a social-ecological systems perspective, and the role of resilience and transformation.

READ BOOKLET

Communities in Action

A World of Communities, Conservation & Livelihoods

Around the world, local communities are working hard to keep their environment healthy and their economy and livelihoods sustainable.

What is "Communities in Action"?

An online initiative to showcase these experiences of local communities working to protect their environment and their livelihoods.

An interactive map highlighting the global extent of community conservation.



To submit a community story to Communities in Action, go to:

