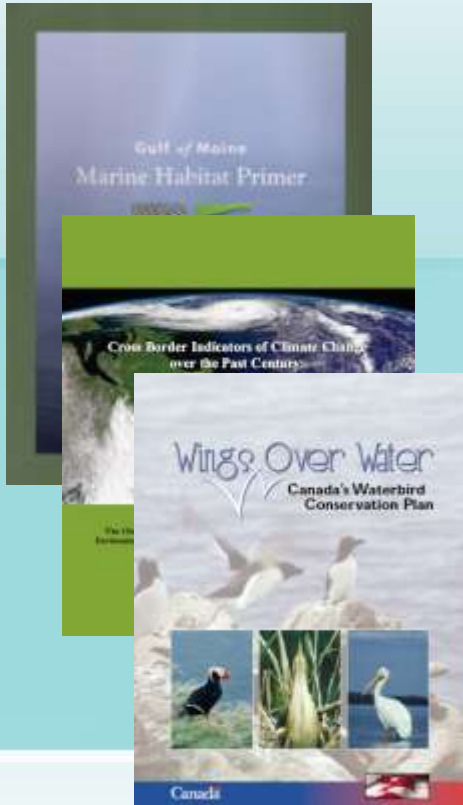


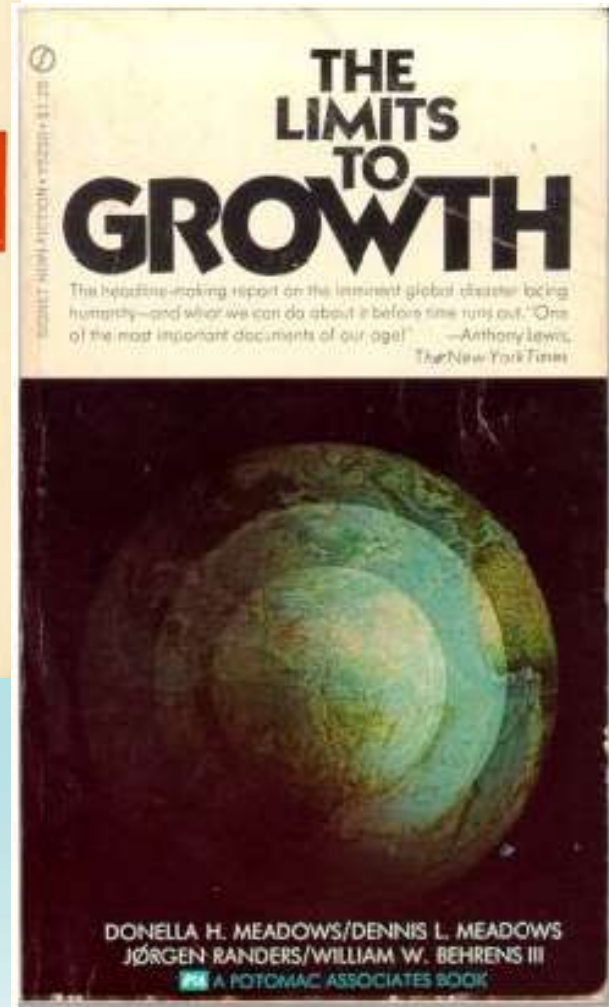
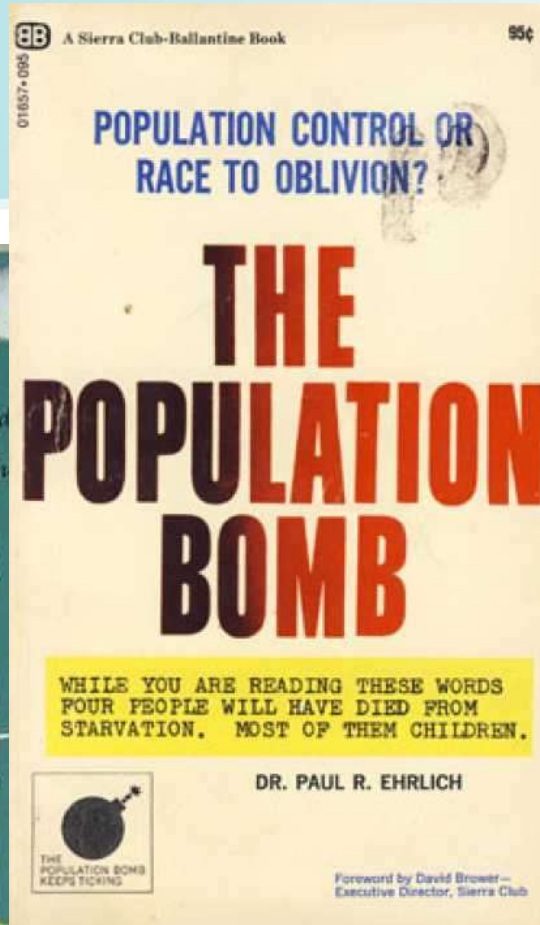
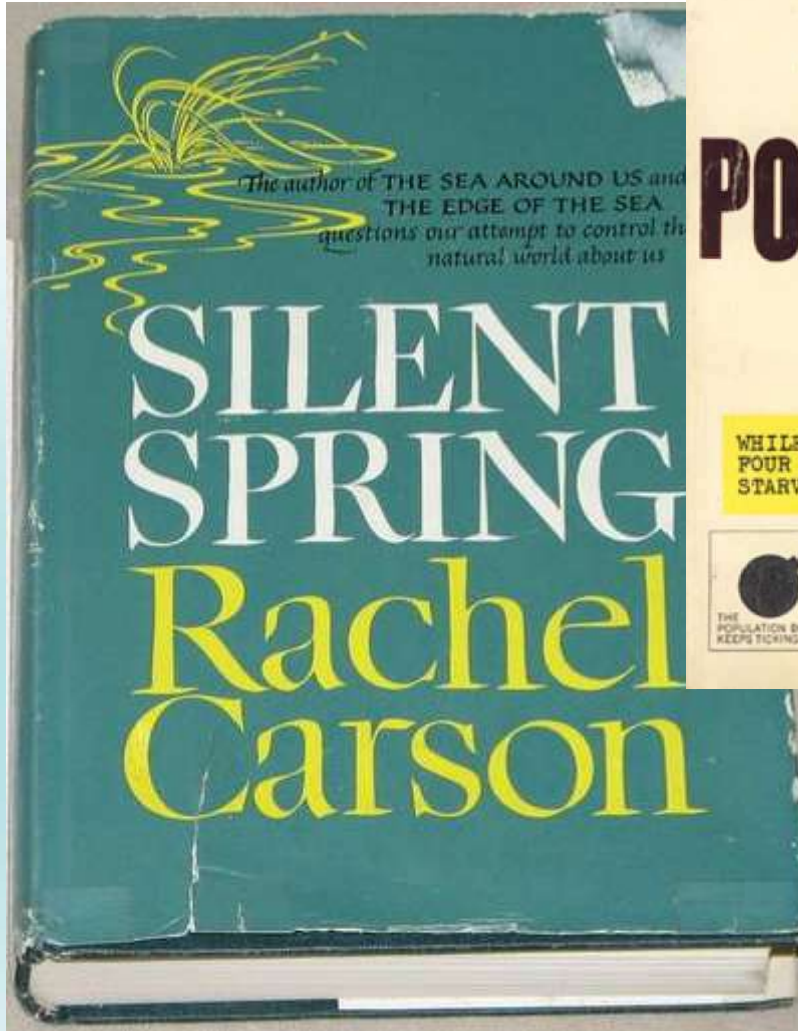
**B.H. MacDonald, P.G. Wells, R.E. Cordes, D.M. Cossarini, and J.L. Woods**

Dalhousie University, Halifax, NS

# *Reading Environmental Literature: Findings from Studies of the Publications of Two Governmental Organizations*



**CSTHA / AHSTC Conference  
Quebec City, QC  
25<sup>th</sup> – 27<sup>th</sup> September, 2009**



# Grey Literature is...

***that which is produced at all levels of government, academics, business and industry in print and electronic formats, but which is not controlled by commercial publishers***

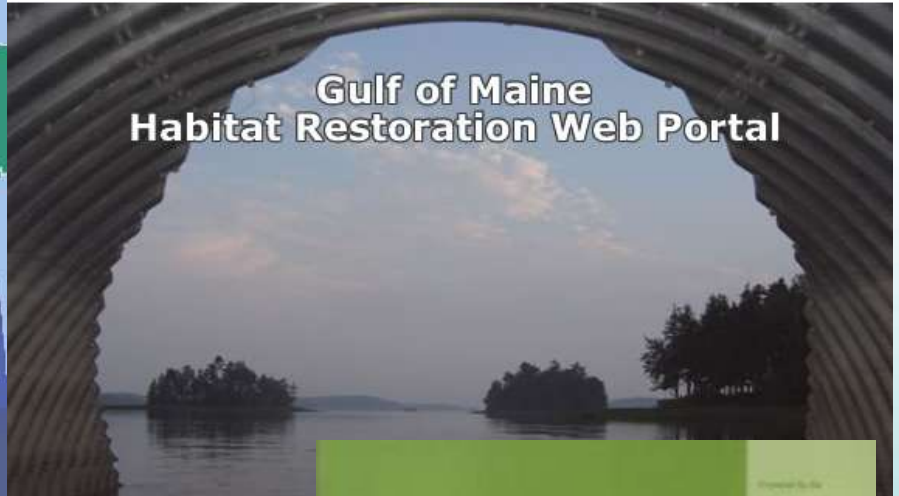
× *Fourth International Conference on Grey Literature, 1999*

not readily available through normal book selling channels, and therefore difficult to identify and obtain

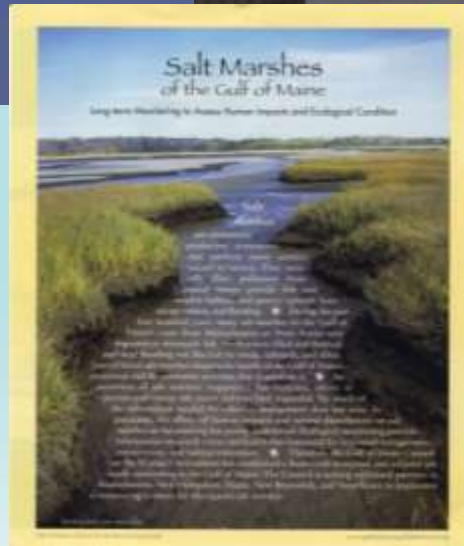
× C. P. Auger, 1998, *Information Sources in Grey Literature*, p. 3

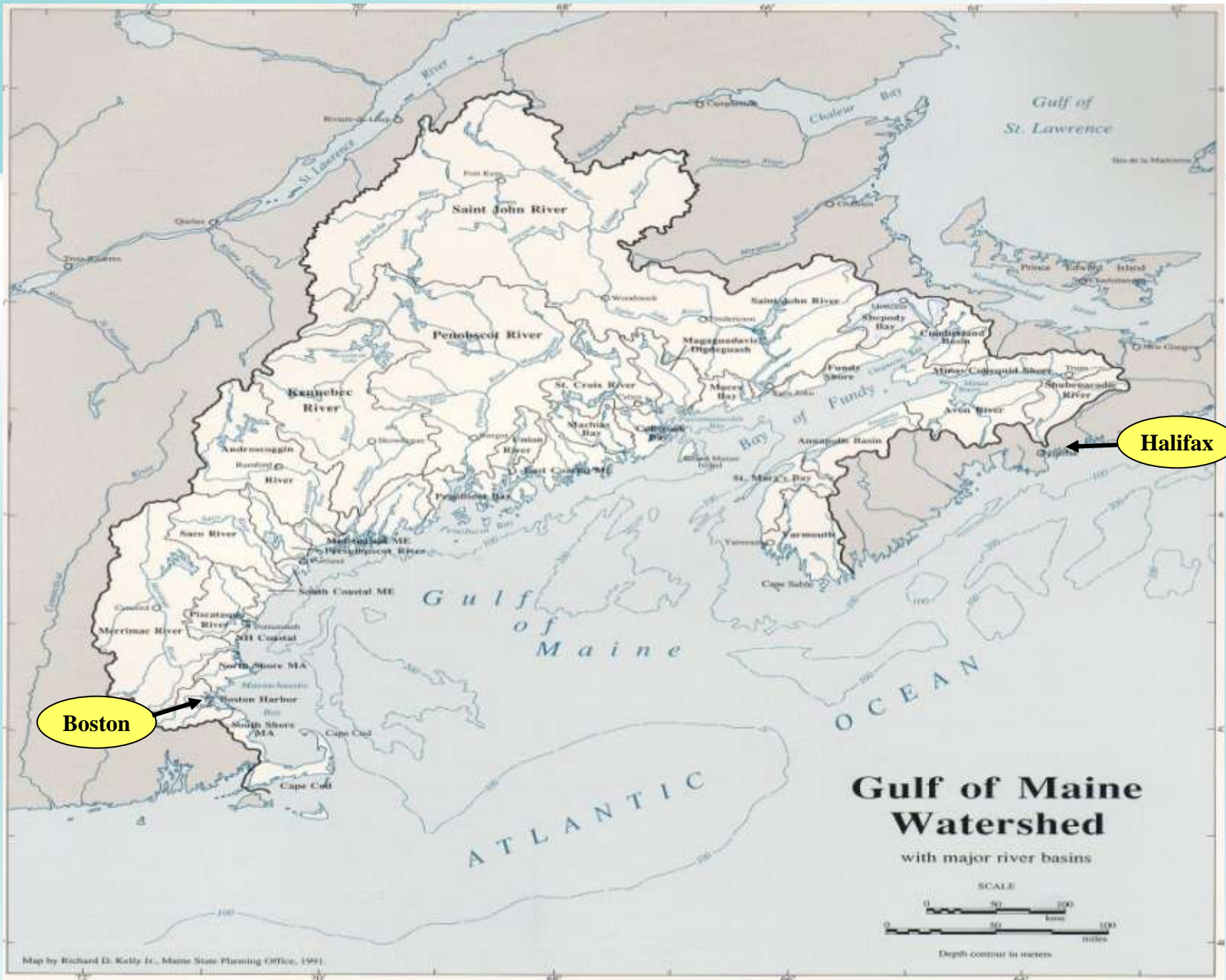


# Gulf of Maine Council on the Marine Environment



## Gulf of Maine Habitat Restoration Web Portal





**Boston**

**Halifax**

...its mandate is to provide a forum for the jurisdictions, the provinces, the states and the federal partners, as well as the non-profit and private members to be able to have a place where they can come together and share information and collaborate. ... I would say that they'd first communicate and then they would cooperate and then eventually collaborate.

Scientific Member (A)



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EnviroZine  
Environment Canada's Online Newsmagazine

Slideshow: Celebrate E-week!  
As Canadian Environment Week kicks off, EnviroZine takes you through our ten favourite practices that citizens and communities can do to make a difference in the environment.

Breathe easy with NAPS and AQHI  
Clean Air Day takes place on Wednesday June 3, giving us an opportunity to appreciate the quality of the air that surrounds us.

Issue 93  
Issue 92  
Slideshow: Celebrate E-week!  
Breathe easy with NAPS and AQHI  
Celebrating our coastlines from rivers to oceans  
Issue 91  
Issue 90  
Issue 89

TURNING THE CORNER

Canada's Offset System  
for Greenhouse Gases

March 2009

Environment Canada  
Gouvernement du Canada

WASHINGTON, D.C. - September 16, 2009 -



Environment Canada

Environnement Canada

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# CWS

## Canadian Wildlife Service National Site

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### Topics

- [Biodiversity](#)
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- [Get Involved](#)
- [Habitat and Stewardship](#)
- [Hunting and Fishing](#)
- [International Issues](#)

**Toxic Algae Bloom in the St. Lawrence Estuary: Experts' Findings**  
 A backgrounder on the findings of the group of experts regarding the "red tide" is now available on the Internet site of Fisheries and Oceans Canada. The backgrounder includes a section on the recommendations of Health Canada and the CFIA regarding the eating of fish and molluscs. <http://www.dfo-mpo.gc.ca/media/back-fiche/2008/algae-algues-eng.htm>

### Features

- [Availability of hunting permits](#)
- [Find out season dates and bag limits for migratory bird hunting in 2009-2010](#)
- [Partners in Flight—Canada launches National Action Needs for Canadian Landbird Conservation](#)





# GOMC Publications

<b>Council Publications</b>	
Reports and fact sheets	122
Background documents	38
Action plans and annual reports	29
Brochures and posters	10
Serials	4
Miscellaneous	9
<b>Council-supported publications</b>	
Reports and background documents	24
Miscellaneous documents	25
<b>Reprints of Council authored documents</b>	14
<b>Conference papers, journal articles and abstracts</b>	37

**Total 312**

# Selected GOMC Reports

## Gulf of Maine Marine Habitat Primer



Gulf of Maine Council on the Marine Environment

## TIDES OF CHANGE ACROSS THE GULF

*An Environmental Report on the  
Gulf of Maine and Bay of Fundy*



Prepared for the Gulf of Maine Summit: Committing to Change,  
Fairmont Algonquin Hotel, St. Andrews, New Brunswick, Canada,  
October 26-29th, 2004

Editors:

**Gerald G. Pesch**

*United States Environmental Protection Agency, ORD/NHEF/LAED, Narragansett,  
Rhode Island*

**Peter G. Wells**

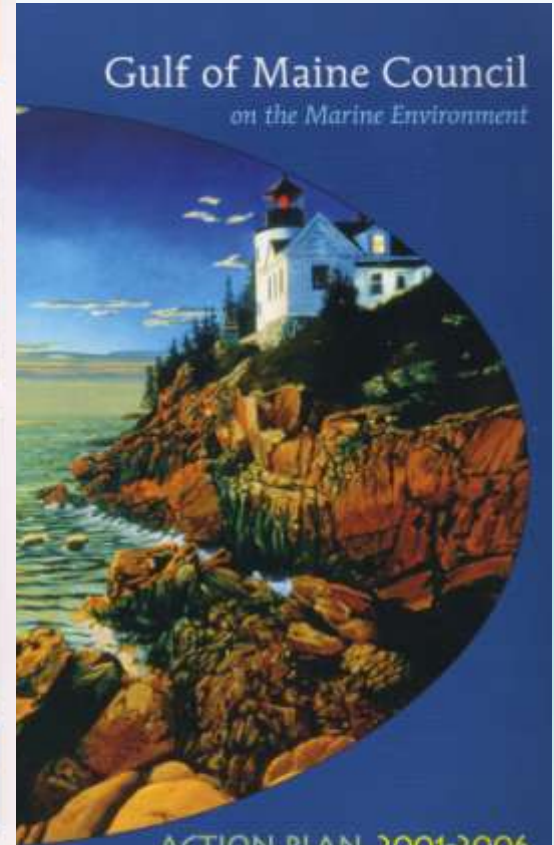
*Environmental Conservation Branch, Environment Canada, Dartmouth, Nova Scotia*

Published by:

*Gulf of Maine Council on the Marine Environment and Global Programme of Action Coalition for the Gulf of Maine*



## Gulf of Maine Council on the Marine Environment



ACTION PLAN 2001-2006

Promoting Cooperation  
to Maintain and Enhance  
Environmental Quality

# Gulf of Maine Times

FALL 2006

VOLUME 10, NUMBER 3

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## When it comes to invasives, who to turn to?

### A profile of James Carlton

By Lori Valigra

WHEN James Carlton was 14 years old, he discovered a clump of worm tubes on the beach of Lake Merritt near his home in San Francisco Bay. He was so fascinated by the worms, which he later learned were native to the South Seas, that he spent years surveying the entire lake for plant and animal life. More than four decades later, Carlton is a renowned marine ecologist and evolutionary biogeographer (the study of how species get to where they are located) who directs his keen eyes toward invasive species in local waters. He also watches for something that is perhaps more difficult to detect: the extinction of species.



James Carlton has made investigating invasive species his life's work.

PHOTOS © MYSTIC SEAPORT



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  - Salt Marshes in the Gulf of Maine Booklet
  - Stream Barrier Removal Monitoring Guide
  - Gulf of Maine Marine Habitat Primer
  - Ecosystem Indicator Partnership (ESIP)
  - Gulf of Maine Mapping Initiative (GOMMI)
  - Habitat Restoration Web Portal

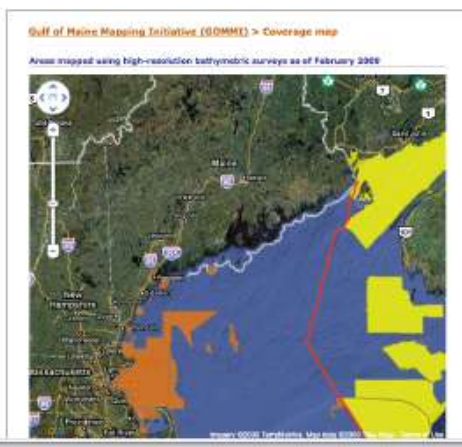
### Gulf of Maine Council on the Marine Environment

The Gulf of Maine Council on the Marine Environment was established in 1989 by the Governments of Nova Scotia, New Brunswick, Maine, New Hampshire, and Massachusetts to foster cooperative actions within the Gulf watershed. Its mission is to maintain and enhance environmental quality in the Gulf of Maine to allow for sustainable resource use by existing and future generations.

- [Councilors](#)
- [Action Plan 2007-2012](#)
- [About the Council](#)

### Gulf of Maine Mapping Initiative (GOMMI)

The Gulf of Maine Mapping Initiative (GOMMI) is a U.S.-Canadian partnership of government and nongovernment organizations to conduct comprehensive seafloor imaging, mapping, and biological and geological surveys.



- [Climate Change and the Gulf of Maine](#)
- [Changing Course - The Lesser Known Flooding Hazard](#)
- [More from the Spring/Summer 2009 issue](#)
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### Directories

- [People Finder](#) Database of 10,000 people working for the Gulf of Maine ecosystem
- [NGO Directory](#) Database of over 700 NGOs working for the Gulf of Maine ecosystem



The *Gulf of Maine Times*...is another means of promoting awareness of Gulf of Maine Publications because whenever one comes out of course it would be highlighted as a new item

~ *Scientific Member (B)*



# Environment Canada – Canadian Wildlife Service

## Technical Report Series

 Environment Canada / Environnement Canada



### Population Status of Migratory Game Birds in Canada

(and Regulation Proposals for Overabundant Species)  
November 2008

Canadian Wildlife Service  
Waterfowl Committee  
CWS Migratory Birds Regulatory Report Number 25



### Wings Over Water

Canada's Waterbird Conservation Plan




Canada 

 Environment Canada / Environnement Canada

### CONTRIBUTING TO ECOLOGICAL INTEGRITY – ENVIRONMENT CANADA'S PROTECTED AREAS: A DISCUSSION PAPER

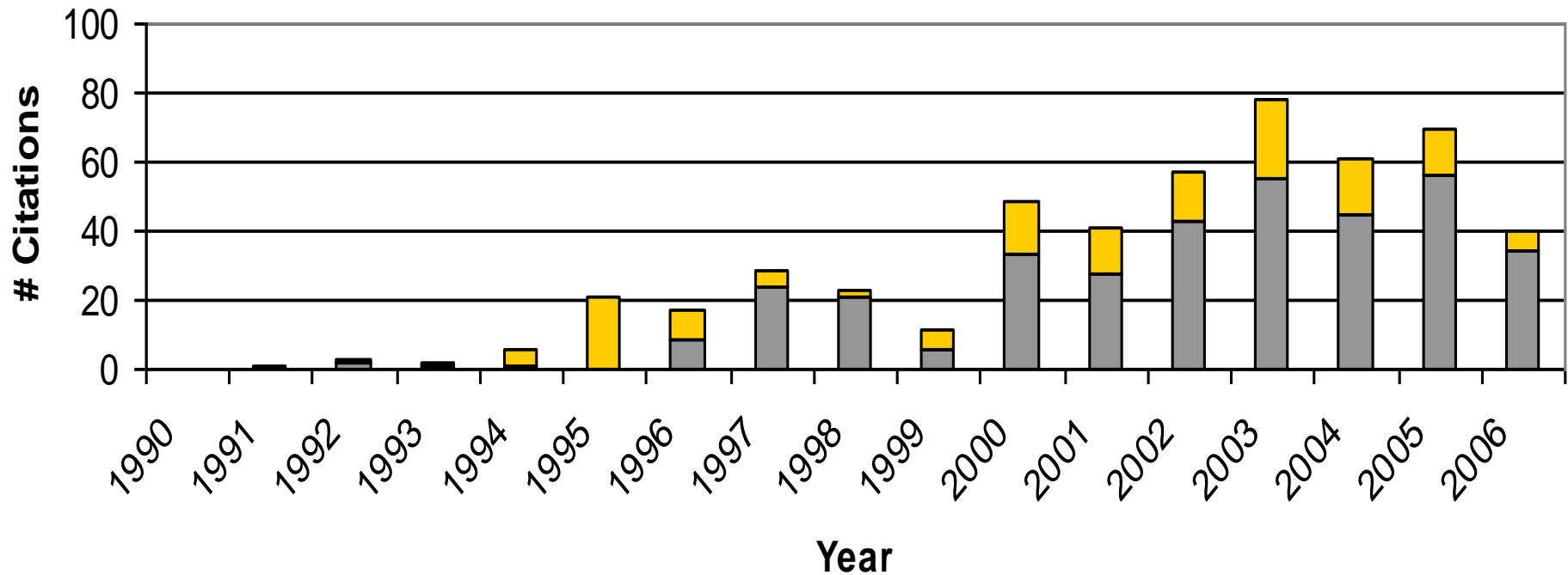
Edited by  
D. M. Turner and A.M. Turner

Canadian Wildlife Service

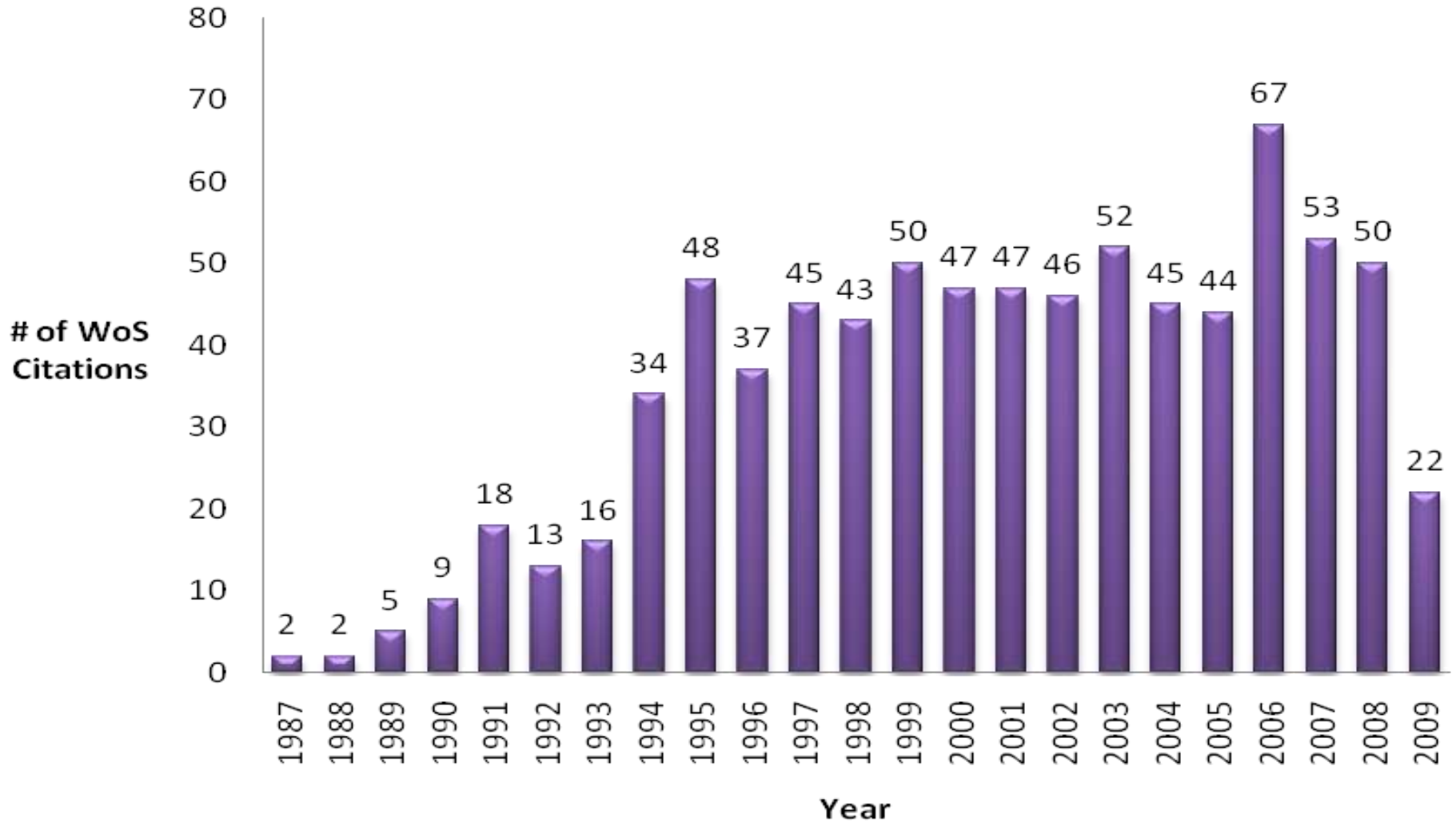


## 509 Citations to GOMC Publications, 1990-2006

■ citations in grey literature [n=358] ■ citations in journals and books [n=151]



# Canadian Wildlife Technical Report Series – Aggregate Citations





<b>Top Ten Cited Reports</b>	<b># of citations</b>
<b>A Review and evaluation of the amphibian toxicological literature</b>	58
<b>An atlas of contaminants in eggs of fish-eating colonial birds of the Great Lakes (1970-1988). Volume I - Accounts by species and locations</b>	42
<b>The Impact of pesticides on the ecology of prairie nesting ducks</b>	32
<b>Environmental contaminants in Canadian seabirds, 1968-1985 trends and effects</b>	30
<b>The hazard of carbofuran to birds and other vertebrate wildlife</b>	29
<b>Chemical residues in waterfowl and gamebirds harvested in Canada, 1987-95</b>	26
<b>Atlas of contaminants in the eggs of fish-eating colonial birds of the Great Lakes (1989-1992). Volume 1 - Accounts by location</b>	25
<b>Methods for the determination of metals in wildlife tissues using various atomic absorption spectrophotometry techniques</b>	23
<b>Proposed guidelines for registration of chemical pesticides: Nontarget plant testing and evaluation</b>	20
<b>An atlas of contaminants in eggs of fish-eating colonial birds of the Great Lakes (1970-1988). Volume II - Accounts by chemical</b>	16
<b>Distribution and abundance of colonial waterbirds nesting in the Canadian portions of the lower Great Lakes system in 1990</b>	16

# Citations to GOMC Publications

	<b>Online</b>	<b>Print</b>
Gulf of Maine Region	151	164
United States (outside Gulf region)	61	30
Canada (outside of Gulf region)	24	35
Europe	23	1
Rest of world	13	7
<b>Total</b>	<b>272</b>	<b>237</b>

# Reasons Readers Refer to Publications

- To **build** on findings.
- To **explain** a phenomenon.
- To establish or clarify a **theoretical** perspective.
- To apply a **definition**.
- To apply a **methodology**.
- To provide a **review**.
- To suggest **further reading**.

# Conclusions

- ✘ This interdisciplinary study concerns questions about production, diffusion, reading, & influence of environmental knowledge.
- ✘ Cases typify governmental & intergovernmental organizations that rely heavily on grey literature publishing practices.
- ✘ Grey literature in the environmental field is being read and used.
- ✘ Historical studies offer insights into information creation, distribution and incorporation into knowledge, decisions, and action.

# Acknowledgements

- ✘ Social Sciences and Humanities Research Council of Canada
- ✘ Gulf of Maine Council on the Marine Environment
- ✘ Environment Canada.
- ✘ Dalhousie University.



...we were starting to put a process in place where we would keep a record of exactly who we were sending the report to and the problem is you don't always follow that strictly within government agencies. At least in my department, I found it was difficult to maintain those records for every publication

Scientific Member (B)

# GESAMP Technical Reports: Aggregate Citation Data

