Publications of the Gulf of Maine Council on the Marine Environment and Their Use

Prepared by

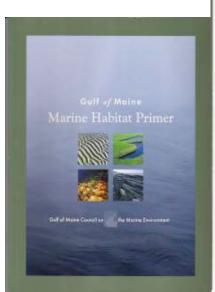
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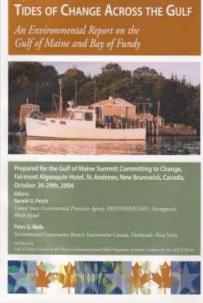
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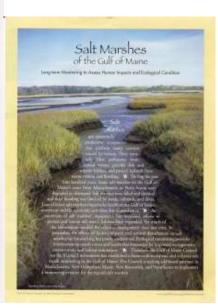


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Executive Summary

In the seventeen years since the Gulf of Maine Council on the Marine Environment (GOMC) was created, it has generated a large and diverse body of publications. Among the array of publications produced directly by GOMC, or in collaboration with other organizations, are action plans, annual reports, technical reports, conference proceedings, conference background documents, newsletters, newspapers, magazines, fact sheets, brochures, maps, a video, and a comprehensive website. In addition, individuals associated with GOMC have prepared conference presentations and published journal articles. Many of the publications produced in print format since 1997 are also available on the GOMC website (www.gulfofmaine.org). The new KnowledgeBase interface at the website will soon allow a variety of searching options and direct linking to relevant documents. Even with the development of the website, publications in print format remain an important part of the history and ongoing work of GOMC. However, a comprehensive list of GOMC publications does not exist. This report describes the techniques used to determine the full extent and use of the Council's publications. Furthermore, the report provides a series of recommendations for improving the publication and distribution processes of the Council.

Methodology

To gather evidence of GOMC publications comprehensive searching was undertaken in 1) local collections, 2) GOMC publications, documents, and website, 3) catalogues of Canadian and American libraries, 4) index and abstract databases, and 5) collections of conference proceedings. In addition, web search engines were used to locate publications, and discussion with key informants supplied missing information. As the Council's publications and activities became more familiar the significance of pieces of information from a variety of sources became more easily recognized. A large number of GOMC publications were identified and a database was created with ProCite software to document the publications. Although the search was extensive, it is quite probable that some publications were missed, particularly those published during the Council's early operation. Moreover, the detailed contents of the *Gulf of Maine Times* and the Council's earlier periodicals were not included in the database.

Since citations are one indicator of use of publications, searches for citations to GOMC publications were conducted in Thomson ISI's *Web of Science*, Elsevier's *Scopus*, *Google Scholar* and *Google*. Citations were entered into a ProCite database for analysis. Citation searching was undertaken selectively since searching is very time intensive due to the frequent need to verify citation data.

Results

Over 300 Gulf of Maine Council publications were identified and included in the database. The search for publications led to a number of publications sponsored, but not created, by the Council. All of the publications were categorized according to the

Council's degree of production involvement, and all of the publications are listed in the appendices of this report.

Although the number of citations to GOMC publications, identified in the citation searches, is not large, there is clear evidence that the publications are being used. For example, 59 documents cite publications of the Gulfwatch program over the period from 1995 to 2006. Citation patterns for several other GOMC publications are presented. The citations show that much of the readership of GOMC publications is located within the Gulf of Maine area, with selected publications receiving wider geographic interest. The citation data reveal that GOMC publications have received steady use over the past decade. While analysis of citations has been selective, the characteristics that have been determined will serve as a benchmark for further investigations regarding the impact of GOMC publications in scientific communities, public policy areas, and in the general public.

Production and distribution of GOMC publications

In contrast to commercial publishers, not-for-profit organizations like GOMC frequently put considerable effort into producing excellent products, but give much less attention to distribution. While GOMC has publicized the release of some of its major publications, e.g., through the *Gulf of Maine Times*, the distribution of many publications is unsystematic. Placing digital versions of publications on the GOMC website increases the possibility of the publications being discovered and reaching intended audiences. It is important to recognize, however, that while access from the GOMC website is important, potential users have varying levels of access to and comfort with the web. Many people with serious interest in the content of documents still prefer to read a print copy. Moreover, files with coloured illustrations and backgrounds cause slow printing and increased expense when home printers are used.

The GOMC website can be reached by following links from other sites. A January 2006 *Google* search identified 40 links from a variety of organizations to the GOMC website's homepage. More recently, a *Yahoo* search located over 400 pages linked to various parts of the GOMC website, and a further *Google* search showed that the website is mentioned in more than 200 pdf documents. These findings provide evidence of a considerable web presence for GOMC, but without data for comparable websites, it is not possible to rank the impact of web links.

Copies of GOMC publications published in print format should be deposited in academic, public, and special (government or organization) libraries where they be accessed by a wide audience. Since significant resources are invested in major GOMC publications, it does not make sense to ignore distribution. Yet, examples of inadequate distribution are evident in GOMC's publication practices. For example, when the *Gulf of Maine Marine Habitat Primer* was published in 2005, copies were mailed to a large US distribution list, including over 100 libraries in coastal communities. However, distribution in New Brunswick and Nova Scotia was much

less effective. Another example is *Tides of Change Across the Gulf,* produced as a background document for the 2004 Gulf of Maine Summit. Distribution of this report through other channels than the Summit itself was very limited.

Recommendations for improving publication practices

With the exception of journal articles, all GOMC publications can be labeled "grey literature," which has often received limited publicity and inefficient distribution. GOMC's decentralized, moveable administration, with its Secretariat rotating among five jurisdictions, has made it especially difficult to establish and maintain consistent publication policies and practices, and to keep good records of what has been published.

With the objective of increasing the readership the following recommendations are made to improve GOMCs publication and distribution practices (further details are outlined in the report):

- Centralize oversight of GOMCs publishing initiatives by assigning responsibility to a single person or office, and assemble and maintain a central collection of all print publications.
- Post guidelines for authors and editors of new publications on the GOMC website, outlining the information needed to describe a publication accurately, e.g., author(s), title, publication date, publisher, and ISBN and/or ISSN.
- Promote awareness of new publications by continuing to provide publicity through press releases, the GOMC website, and the *Gulf of Maine Times*. In addition, send copies of publications to indexing services, such as *Aquatic Sciences and Fisheries Abstracts*, for inclusion in searchable databases.
- Distribute copies of publications to libraries by maintaining an up-to-date list of libraries in each jurisdiction that should receive new publications.
- Post the full list of GOMC publications on the GOMC website, preferably in a database format to facilitate searchability. Include direct links to publications available on the website.
- Place a digital version (pdf format) of each new publication on the GOMC website. Increase findability by including links from several reasonable pages in the website to each publication, and adding the publication to the KnowledgeBase.
- Regularly update directories, such as *People Finder*, only published on the GOMC website, and add "last updated..." to each record.
- For the *Gulf of Maine Times*, improve access to the content on the website, and arrange for indexing in commercial databases. Also consider including the *Times*'s articles in the *KnowledgeBase*.
- Increase support for website development, since there is significant potential for enhanced communication through that medium.

1. Introduction

The Gulf of Maine Council (GOMC) has produced a large and diverse body of publications since it was established in 1989. The earliest items, an inventory of marine environmental quality monitoring programs in the Gulf of Maine and the first issues of the *Turning the Tide* newsletter, were published by the Gulf of Maine Working Group several months before the Council was officially created in December of that year. The goal of many GOMC publications is to disseminate information to environmental managers and other decision-makers. As a result, visual appeal and clear language are prominent features of many of the publications, ranging from *The Gulf of Maine: Sustaining our Common Heritage* (a background document prepared for the inaugural 1989 conference), to the recent *Gulf of Maine Marine Habitat Primer*.

In the seventeen years of its existence, the Council, working by itself or in collaboration with others, has published widely, including conference proceedings, technical reports, conference background documents, annual reports, action plans, newsletters, newspapers, magazines, fact sheets, brochures, maps in poster format, and a video. Other groups also have benefited from the Council's support in producing a similar array of publications. Moreover, individuals associated with the Council have given conference presentations and written journal articles, resulting in another class of publications.

Over the last decade, the Internet has become a very important medium for communication and publishing. Many of the print publications that the Council has produced since 1997, along with a few from earlier years, are now available on the Council's website (www.gulfofmaine.org), most as easily printable pdf files. The website is itself an evolving publication in its own right, presenting information in ways that are particularly adapted to the medium. Searchable on-line directories of people, organizations and environmental monitoring projects have replaced corresponding printed directories. Some print publications, such as the four-page fact sheet Mapping the Undersea Landscape, have been effectively reformatted as a series of webpages. Other sections of the website do not have corresponding print publications. Information from the GOMC's Gulfwatch monitoring program can be displayed with an interactive mapping tool, and the Gulf of Maine Habitat Restoration Portal offers information about the hows and whys of restoration projects. The new KnowledgeBase interface will soon allow searching for information in a variety of ways, and will provide direct links to relevant documents.

Even though the Council's website is taking on an increasingly important publication and communication role, print publications remain an important part of the history and on-going work of the Council. This report describes the processes used to determine the full extent of the Council's publications and their use, and organizes the information in several ways. It outlines steps taken to locate citations to GOMC publications in documents of various types, and presents results to date of the

citation analysis. The final sections of the report discuss current distribution practices for GOMC publications, coupled with recommendations for improvements to publishing and distribution processes.

2. Methodology

2.1 Locating evidence of GOMC publications

The Gulf of Maine Council on the Marine Environment has not maintained a comprehensive list of its publications since it was established in 1989. Therefore, it was necessary to gather evidence of its publications from a variety of sources as follows:

- Local collections of publications related to the Gulf of Maine were searched, particularly the personal collections of Patricia Hinch and Peter Wells, and the holdings of the Environment Canada library in Dartmouth, Nova Scotia.
- GOMC documentation: GOMC annual reports, action plans and newsletters contain information about publications, and also mention grants and activities, such as workshops and conferences, that could have resulted in publications. The document, "Gulf of Maine Council Project Reports," probably created in 1996, was another source of information.
- GOMC website, www.gulfofmaine.org: The website contains electronic versions of many Council publications, and information about others. In addition to following links, Google's "advanced search" features were used to locate pdf files anywhere on the site. Publications available on the website in full text, mentioned in resource lists, described as holdings of the State Planning Office (SPO) library, or mentioned in linked "reference handbook" documents (centralfiling.doc, history.doc, and biblio.doc) were noted, if it could be confirmed that GOMC was involved in their production.
- Reference lists: Reference lists in some GOMC reports contain citations to older GOMC publications. Thus, the reference lists in most of the GOMC publications available in print or electronically were checked. Searching for citations also revealed new references in other publications.
- Library catalogues: Searches for "Gulf of Maine Council" and "Gulf of Maine Working Group" in library catalogues located records for items published by GOMC, and also items published by other organizations with support from the Council. When a possible GOMC publication was identified from any source, but not available locally, library catalogue records in other locations sometimes supplied missing details. The following on-line library catalogues were searched:
 - AMICUS (Canadian National Catalogue: includes holdings of Library and Archives Canada, Canada Institute for Scientific and Technical Information, and Canadian university libraries)
 - Environment Canada, Atlantic Region Libraries (catalogue is not publicly available)
 - Library of Congress

- Massachusetts Virtual Catalog
- o MBL WHOI Library (Woods Hole)
- NCompasS Nova Scotia public and government libraries
- New Hampshire Union Public Access Catalog
- New Hampshire State Library Catalog
- NOAA Libraries
- Novanet Nova Scotia university and college libraries
- OCLC WorldCat includes the holdings of many academic, public and special libraries in North America and elsewhere
- URSUS Maine public, university and government libraries
- US EPA Libraries
- VISION New Brunswick public libraries
- WAVES libraries of Fisheries and Oceans Canada
- Article databases: Aquatic Sciences and Fisheries Abstracts (ASFA) was searched for "Gulf of Maine Council," "Gulf of Maine Working Group," and "Gulfwatch." Searching citation indexes (Web of Science, Scopus and Google Scholar) sometimes revealed citations to previously undiscovered publications.
- Web search engines: Searches for evidence, or full text, of GOMC publication titles sometimes led to a discovery of other relevant publications in bibliographies, reference lists, or the holdings lists of small libraries (e.g., the St. Croix Estuary Project), and of conference papers or abstracts in online proceedings.
- Conference proceedings: To locate additional evidence of conference presentations of GOMC projects, the National Sea Grant Library's online database was searched, and a newly created index (Rolston & Wells, 2006) facilitated searching the proceedings of Bay of Fundy Ecosystem Partnership's (BoFEP) Fundy Science Workshops. In addition, a print copy of the Regional Association for Research on the Gulf of Maine (RARGOM) Ecosystem Dynamics workshop proceedings was examined.
- Personal communications: Peter Wells explained the context for many of the publications, and David Keeley commented by e-mail on the Council's role in preparing some publications. Staff of various libraries checked many details on request.

A database of records of the GOMC publications was created using ProCite software. In addition to bibliographic details, an abstract or a description from the SPO library section of the old GOMC website was included, when available. URLs of digital publications were noted and library locations were recorded. Each record includes a note about the source of information used to identify the publication.

GOMC has often circulated draft versions or interim reports in order to seek feedback or to provide preliminary results. Since these documents can be cited in other publications and are collected by libraries, they form part of the published output of the Council. Thus, some draft versions were included in the database, and their status indicated.

Some items that were once on the GOMC website are no longer available. Drafts are removed from the website when the final document is available, and other documents disappear entirely. For example, *Action Plan 2001-2006* gives a URL for a background paper on disease transfer in aquaculture by Barber and McGladdery, but it now cannot be located. Nonetheless, its existence was recorded in the database since it had been published.

The "SPO Library" section of the old GOMC website and the central filing list describe a collection at the Maine State Planning Office that contains a mixture of GOMC publications, GOMC-supported publications, and items published by other organizations with no GOMC involvement. The SPO Library list describes each item, which may mention GOMC involvement. However, some entries do not include the author, publisher, or publication date. All the entries that mention GOMC were checked; the Web was searched for online copies, library catalogues were searched for corresponding records, and in several cases a library copy was examined to verify details.

While a large number of GOMC publications have been identified, it is probable that some have been missed, particularly if they were published during the Council's early years of operation. The collection in filing cabinets at the Maine State Planning Office in Augusta is probably the most complete repository of early Council publications, but no descriptions of the items in the central filing document are available through the GOMC website. Some titles in this document correspond to GOMC publications identified from other sources, and others, such as "Canada's Green Plan. Summary. 1990," are clearly not GOMC publications. Most of the titles in the central filing document were checked, but some, such as "State of the Gulf, 1992" and "Sustaining Our Common Heritage: 1993 Update," could not be found in the sources checked. With no evidence to confirm that an item in the list refers to an actual publication, or when no evidence of a GOMC connection could be located, such items were not included in the database. If all of the items at the Maine State Planning Office were examined, additional early GOMC publications might be identified.

As the Council's publications and activities became more familiar, the significance of details from varied sources became more readily recognized. For example, the SPO Library entry for *Hands on Learning about Marine Habitats and Marine Ecology with Students around the Gulf of Maine* states that it was created with GOMC and USEPA funding. No other information about this publication was available in online sources searched for this project. However, the 1997-1998 annual report notes that an NGO grant was given to University of Maine Cooperative Extension for development and distribution to teachers of "tool kits" on this topic. With this information, it was possible to assign a publisher and the probable date of 1998 to the item.

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¹ See link to this document from the Reference Handbook webpage: www.gulfofmaine.org/council/internal/rh/

Checking details of a publication is very time consuming, particularly if the item is not readily available in print or in full text on the Web. Deciding whether an item should be included in the database required considerable detective work. For example, the SPO Library list includes the following entry: "International Joint Commission.

Atmospheric Deposition to the Gulf of Maine - Interim Report. August 1994. 47 pp."

Vague reference to GOMC's involvement in producing the report is noted in the entry. The foreword of the copy held in a local library mentions future work to be undertaken by the International Joint Commission in partnership with GOMC, but there did not seem to be enough evidence to support including it in the database. Later, we noticed that an abstract of a 1997 conference presentation mentioned recent work undertaken by GOMC on the same topic. In response to an-email request, a librarian at the University of New Brunswick checked a copy of the related 1995 report by H. G. McAdie and replied that GOMC was listed as a sponsor, along with USEPA and NOAA. With that confirmation, both the 1995 report and the 1994 interim report were included in the database of publications created with GOMC support.

No attempt was made to include the detailed contents of the *Gulf of Maine Times* and the Council's earlier periodicals in the database. While recording that information would be very worthwhile, it was beyond the scope of this project to list all the articles in the *Times* (currently 35 issues, 1997-), *Our Common Heritage* (2 issues, 1995-96), *Program Highlights* (30 identified issues, 1990-1996) and *Turning the Tide* (16 identified issues, 1989-1993).

Finally, some documents available on the GOMC website were excluded from the database. For example, press releases, briefing documents linked to the Council "meetings" webpage, or the individual presentations (pdfs of slides) from the Northeast Coastal Indicators Workshop were not included the database.

2.2 Locating citations to GOMC publications

Citations provide one indicator of the use of publications. Previously, we employed citation analysis to show how the publications of GESAMP,³ an international marine scientific advisory body, were used in the marine science and public policy communities (MacDonald, Cordes & Wells, 2004; Cordes, 2004). Searches of citation databases were undertaken to reveal which GOMC publications have been cited in the research literature. In addition, strategies were developed to locate citations in reports published on the Web, since environmental managers, who are the intended audience for many of GOMC's publications, are more likely to prepare technical reports than to write journal articles.

When the GESAMP study was undertaken in 2001-2002, the only tool for systematically locating citations was Thomson ISI's *Web of Science* citation databases, which index a broad interdisciplinary collection of research journals dating

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² See <u>www.gulfofmaine.org/library/spolibrary/international_joint.html</u>

³ IMO/FAO/UNESCO_IOC/WMO/WHO/IAEA/UN/UNEP Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection (gesamp.imo.org/)

back several decades. These citation databases use a compressed citation format which works well for citations of journal articles but makes it difficult to locate citations of report literature. Since 2002, additional tools for citation searching have become available. Elsevier's *Scopus* database indexes a broader range of periodicals than *Web of Science*, but only citations in articles published since 1996 are indexed. *Google Scholar* indexes journal articles and selected web-based resources, but no description of its coverage is available. Unlike *Web of Science*, the full text of each citation is provided in both *Scopus* and *Google Scholar*, making it possible to more accurately locate citations to reports. *Web of Science*, *Scopus* and *Google Scholar* were all used for citation searching in this study.

Web search engines such as *Google* and *Yahoo* now index pdf documents, so both search engines can be used to locate citations in reports published in that format. Entering "Gulf of Maine Council" or fragments of report titles as search strings yields results, which have led to identification of publications produced or supported by the Council. However, such searching is not very efficient. Search results in both *Google* and *Google Scholar* may refer to a specific GOMC publication, or merely mention the Council and its work. But, each file must be opened and searched to determine either case. Manually recording information about citing documents is much more time-consuming than importing information about citing journal articles from an article database directly into a database of citations. When a large report has been broken into several files and a citation is found in one of them, additional time is needed to identify the citing document by locating its first section or the linking webpage.

While extensive citation searching has been completed, the entire file of GOMC publications has not yet been thoroughly checked in each of the three indexes and the two search engines. Nonetheless, in the results section below we illustrate how citation analysis can be employed to document use and impact of GOMC publications.

3. Results

3.1 Results of the search for publications

Over 300 publications of the Gulf of Maine Council were identified and included in the database. The publications, all listed in Appendices A-D, were categorized according to the Council's degree of production involvement (see Table 1). The publications vary widely in their intended audience, which includes environmental managers and decision-makers, scientists, NGO volunteers, educators and students. Since 2002, the Science Translation Project has produced *Gulf of Maine Times* articles, fact sheets, reports and web-based products which provide accurate, up-to-date scientific information on key environmental issues.

Table 1 - Categories of GOMC publications

Publication type	Examples	Where listed
Created solely by GOMC	- annual reports- action plans- Gulfwatch reports	
Created by GOMC in collaboration with other named organization(s)	- Tides of Change Across the Gulf (2004, GPAC & GOMC) - Identification of species for priority habitats (1994, USFWS & GOMC)	Appendix A (212 items)
Prepared for the Council by a contractor, grant holder or member organization; name of the contracting organization may appear	- Assessing U.S. and Canadian laws and programs (1992, Marine Law Institute & Oceans Institute of Canada) - Shellfish Resources in the Gulf of Maine fact sheet (1996) (NS Dept. of the Environment)	(212 Items)
Sponsored completely or in part by GOMC, but published by another organization	- Effects of Fishing Gear on the Seafloor conference proceedings (1997, Conservation Law Foundation) - 10 Fundy Issues fact sheets (1996, Clean Annapolis River Project & BoFEP)	Appendix B (47 items or collections)
Reprinted from other GOMC sources	- Gulf of Maine Times articles reprinted as conference handouts, or as a Fundy Issues fact sheet - magazine articles by GOMC authors, reprinted by GOMC	Appendix C (14 items)
Papers or abstracts based on conference presentations of GOMC work, published in proceedings or journals	- Wiggin, J, & Courtney, F. (2004). Ocean zoning for the Gulf of Maine [abstract]. In: Measure for measure: How do we gauge coastal stewardship? TCS 19, Newport Rhode Island, May 23-26, 2004 Jones, S.H., Chase, M., Sowles, J., et al. (2001). Monitoring for toxic contaminants in Mytilus Edulis from New Hampshire and the Gulf of Maine. Journal of Shellfish Research, 20(3), 1203-1214.	Appendix D (32 items)
Journal articles based on GOMC work	- Waterman, Melissa. (1995). Marine protected areas in the Gulf of Maine. <i>Natural Areas Journal</i> , <i>15</i> (1), 43-49.	

In all, 305 items, ranging from major reports to conference background documents to brochures, were identified and are listed in the Appendices. Electronic versions are available for 125. There is evidence of print copies of 114 available at the Maine State Planning Office (13 are also available electronically). Copies of a further 28 items are found in the personal collections consulted for this project, and libraries

hold copies of another 35 items. The final 17 items are only mentioned in GOMC publication lists or cited in other documents and no copies were located. The 305 publications include seven draft reports (five of action plans) and three interim reports for which corresponding final reports are also noted.

The search for Council publications also turned up titles related to, but not created by, the Council. For example, academics with expertise in international relations and public policy have written about the operation of GOMC (e.g., Chircop, Van der Zwaag & Mushkat, 1995; Springer, 2002). Another example is a brochure, found in Patricia Hinch's Gulf of Maine collection, for an exhibition of paintings by Peter Gough, held in January 2001 in support of the GOMC. (A detail of one of his paintings was used on the cover of the *Action Plan 2001-2006*.)

3.2 Results of the citation analysis

Determining the impact of publications is a complex task, which as a minimum requires tracking distribution and use. Further assessment of impact involves ascertaining how information contained in publications increases knowledge and influences opinion and public policy development. In this section we present examples of citation analyses to show how this analytical method can be used to demonstrate use. While locating citations to GOMC publications has proven to be more time consuming than anticipated, and, as noted above, thorough citation searching has not been completed, the cases we present here demonstrate characteristics of use of GOMC publications.

To facilitate citation analysis, a database of citation information is being created using ProCite software. A total of 300 citation records have been created of citing publications (excluding GOMC publications which cite other GOMC publications). The citing sources consist of 183 journal articles; 91 books and reports (including conference proceedings); four conference papers/abstracts; three book chapters; ten theses; five webpages (including two bibliographies); and four miscellaneous papers. In other words, GOMC publications have been cited in an array of publications.

The Gulfwatch environmental monitoring program, which began as a pilot program in 1991, continues to the present day. In the years from its inception to 2003 this program generated a series of annual evaluation reports, a five-year evaluation, three procedural manuals and two fact sheets. About half of these publications were brought out in a three year period between 1996 and 1998. At least fifteen conference papers and posters arising from the program have been presented, with papers or abstracts published in proceedings or journals. One journal article has also been published.

The name "Gulfwatch" is quite distinctive, facilitating a search for citations in full text sources. (Some false hits occur since the term is also used elsewhere, e.g., the title of a newsletter in the Gulf of Mexico area.) Not surprisingly, Gulfwatch publications are cited in other GOMC publications, such as the proceedings of the 2002 workshop

on sewage management. More importantly, however, Gulfwatch publications have been cited elsewhere. Fifty-nine documents that cite Gulfwatch publications have been identified. These documents contain a total of 111 citations to Gulfwatch publications, with 21 documents containing multiple citations. Each of the first eight *Evaluation of Gulfwatch* reports received from three to nine citations, and *The First Five Years of Gulfwatch* has been cited on nine occasions. Other cited Gulfwatch publications include a 2001 conference paper, the 1997 standard procedures manual, the 2003 Gulfwatch fact sheet, a 1991 planning report, and a reprinted thesis. In addition, the Gulfwatch page on the GOMC website has also been cited. The most frequently-cited Gulfwatch publication is an article published in *Marine Pollution Bulletin* (Chase et al., 2001), which has received 34 citations. Table 2, below, outlines characteristics of publications that cite Gulfwatch publications. GOMC publications that cite Gulfwatch publications were excluded in order to show that use has extended beyond internal recognition of the work of the Gulfwatch program.

Table 2 – Citations to Gulfwatch publications (excluding citations from GOMC publications)

	# citing all Gulfwatch publications	# that cite only Chase et al. (2001)	# that cite other Gulfwatch publications
# Citing documents	59	27	32 [7 also cite Chase et al. (2001)]
Document types	33 journal articles 17 reports 5 theses 1 book 1 conference proc. 1 preprint 1 literature list	24 journal articles 2 reports 1 preprint	9 journal articles 15 reports 5 theses 1 book 1 conference proc. 1 literature list
Geographic distribution of citing documents ⁴	GoM region: 40 USA (other): 2 Canada (other): 1 Europe: 13 China: 2 Mexico: 1	GoM region: 9 USA (other): 2 Europe: 13 China: 2 Mexico: 1	GoM region: 31 Canada (other): 1
Temporal distribution of citing documents (to June 2006)	1995-99: 4 2000: 2 2001: 5 2002: 11 2003: 10 2004: 14 2005: 9 2006: 4	2002: 5 2003: 6 2004: 9 2005: 5 2006: 2	1995-99: 4 2000: 2 2001: 5 2002: 6 2003: 4 2004: 5 2005: 4 2006: 2

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⁴ Geographic information was obtained from the contact address given in journal articles, and from the URL and/or titles of web-based reports.

Some obvious use patterns are evident in this citation data. In general, GOMC's Gulfwatch publications were cited more frequently by authors operating within the Gulf of Maine region (broadly defined to include the Halifax area and the headquarters of NOAA and USEPA) than other parts of the world. The preponderance of citations came from the Gulf of Maine area. Citations from other parts of Canada and the United States are few. Gulfwatch reports are more frequently cited in report literature than in other types of publication. Similarly, the journal article by Chase et al. was cited almost exclusively by other journal papers. However, it is readily apparent that the journal article reached a different audience, than the reports. Whereas reports were cited almost exclusively by authors within the Gulf of Maine area, the Chase et al. paper received attention in Europe, China and Mexico, far beyond the Gulf of Maine region. The distribution of citations over time for the Chase et al. article shows a typical bell-curve distribution, with a peak occurring three years after its publication. In short, while the total number of citations is not large, distribution patterns highlight how the Gulfwatch publications have been used continuously over the decade from 1995 to 2006.

Other examples of use, based on the citation data, include:

1) Wiggin, J., & Mooers, C.N.K. (Eds.) (1992). *Proceedings of the Gulf of Maine Scientific Workshop, Woods Hole, Massachusetts, 8-10 January 1991.* Boston, MA: Urban Harbors Institute, University of Massachusetts at Boston. (394 p.)

This publication, only available in print format, has received 36 citations from 23 journal articles, seven technical reports, a book chapter, a conference proceedings, a workshop report, a management plan, a graduate student project, and an FAQ on coastal marine geology. Authors of all of the journal articles were located within the Gulf of Maine area, or were formerly resident in the area, but working elsewhere. Some authors cited their own papers from the *Proceedings*. The distribution of citing documents (1992-1; 1993-1; 1994-2; 1995-3; 1996-6; 1997-2; 1998-2; 1999-1; 2000-3; 2001-4; 2002-1; 2003-1; 2004-3; 2005-6) shows reasonably steady use over more than a decade, with increased interest in the past year.

2) Marine Protected Areas Project

GOMC was a sponsor of this project, which produced six short reports, a bibliography, and a summary report in the three year period from 1996 to 1998. The short reports are available on the GOMC website, and all have been cited. (For one, only a draft version is available on the website, and only that version has been cited.) The State Planning Office library has a copy of a 130 page summary report, *The Gulf of Maine Marine Protected Areas Project,* by Samuel D. Brody, produced in 1998. No copies of this summary report have been located in catalogues of other libraries, and no citations to it have been found.

In total, 26 citations in 21 citing publications have been discovered. The citing publications include 17 reports, three theses, and one journal article. Of the citing reports, two were published by authors located in Europe, one in Australia, one in Southeast Asia, and several on the Pacific coast of North America. The distribution of the citing publications by date (1999-1;2000-1;2001-3;2002-3;2003-2;2004-6;2005-5) shows a modest increase in interest in the last two years.

3) Cornelisen, C.D., (1998). Restoration of coastal habitats and species in the Gulf of Maine. [S.I.]: Gulf of Maine Council on the Marine Environment.

This publication is also available on the GOMC website (in pdf format, with the figures and tables available separately). Seven citations have been located from five reports and two journal articles. Except for the author of one of the journal articles, who is located in Korea (the article deals with a Korean topic), all of the other citing authors are located in the Gulf of Maine area. Since it was published, the report has been cited as follows: 1998 - 1; 2000 - 1; 2002 - 1; 2003 - 2; 2004 - 1; 2005 - 1.

4) Van Dusen, K., & Johnson Hayden, A.C. (1989). *The Gulf of Maine: Sustaining our common heritage*. Augusta, ME: Gulf of Maine Council on the Marine Environment (63 p.)

Published as a background document for the 1989 conference, this report is only available in print format. Of the 11 citing documents, half were authored by social policy and international relations personnel. Five of the citations were found in journal articles, three in reports, two in conference papers and one in a book chapter. Almost all of the publications citing this document were produced in the Gulf of Maine area. No citations were located before 1995, and the distribution shows limited readership (1995-2; 1997-2; 1998-1; 2000-1; 2002-2; 2003-3). Since few pre-1995 reports are available on the Web, earlier citations in the report literature could not be located via the search strategies used in this study.

5) Pederson, J., & Dorsey, E. (Eds.) (1998). *Effects of fishing gear on the sea floor of New England*. Boston, MA: Conservation Law Foundation & MIT Sea Grant College Program. [MITSG 98-4], (160 p.)

The proceedings of this 1997 conference are available on the Web through the National Sea Grant Library. Thirty-four citations, mostly in journal articles, have been identified from the *Web of Science* and *Scopus* citation indexes, but searching for additional citations in web-based documents has not yet been completed. Sixteen of these citations come from outside the Gulf of Maine area: from Oregon, Hawaii, New Zealand, Australia, Iceland, and Europe. Over the past decade the proceedings have been cited as follows: 1998 – 1; 1999 – 4; 2000 – 6; 2001 – 4; 2002 – 2; 2003 – 8; 2004 – 6; 2005 – 2; 2006 – 1.

6) Gulf of Maine Times

Journal articles infrequently cite less formal documents like the *Times* articles; nonetheless, 31 citations have been found in 25 web-based documents, including management plans, technical reports, conference papers, NGO reports, theses, curriculum materials and a student essay. The citations are to specific articles within the *Times*, and a few articles have received more than one citation. The authors of the citations are located almost exclusively within the Gulf of Maine area; four citations are found in student resource materials, projects, or a thesis which were published outside of the Gulf area. The distribution of citations over time is as follows: 1999 - 1; 2001 - 5; 2002 - 3; 2003 - 5; 2004 - 2; 2005 - 5; 2006 - 2.

Although the number of citations to GOMC publications is not large, there is clear evidence that the publications are being used. Much of the readership is located within the Gulf of Maine area, with selected publications receiving wider geographic interest. The analysis of the citation data shows that GOMC publications have received steady use over the past decade. When a thorough search for citations is completed, it is anticipated that usage patterns will be more clearly identified. These patterns will serve as a benchmark for pursuing further investigations regarding the impact of GOMC publications in scientific communities, public policy areas, and in the general public.

4. Making publications available to readers

4.1 Promoting new publications

Commercial publishers are motivated to promote and distribute their materials effectively, since their financial well-being depends on sales. Non-profit organizations like GOMC, however, often put considerable effort into creating excellent publications, but give less attention to ensuring that the publications reach intended audiences. This pattern of activity is common in many public organizations, as we noted when we studied the production and distribution of the publications of GESAMP (MacDonald, Cordes & Wells, 2004).

GOMC has given some effort to publicize the release of its major publications. For example, the *News* and *Media* sections of the GOMC website contain a 2004 press release for *Tides of Change Across the Gulf* and an announcement of the release of the *Gulf of Maine Marine Habitat Primer* in 2005.

GOMC also promotes its publications through the *Gulf of Maine Times*, and some items, such as the *Salt Marshes of the Gulf of Maine* fact sheet, have been distributed with the newspaper. Each issue contains a column titled *Resources for and about the Gulf of Maine*, which describes print or web-based materials produced by many organizations. The *Resources* column in the first issue, Spring 1997,

described the Council's Environmental Data and Information Management System [EDIMS] database, the second volume of Our Common Heritage magazine, the 1997 fact sheet on shellfish, and the Council-supported Wild Gulf Almanac. The Resources column in the Spring 2006 issue promotes the GOMC website as a source of educational resources, but in recent issues new GOMC publications seem more likely to be mentioned elsewhere in the newspaper. In the print version of the *Times*, some promotions of GOMC publications, such as that for the Marine Habitat Primer in the Spring 2005 issue, appear in ad format at the bottom of the page that contains the Calendar and Resources columns. These "ads" are not included in the electronic version of the *Times*, but sidebars on the home pages of issues since Spring 2005 have promoted the Marine Habitat Primer or the Salt Marshes of the Gulf of Maine fact sheet. The Winter 2004 issue mentioned three new GOMC reports in a feature article on the Gulf of Maine Summit, and also included an interview with Gerald Pesch and Peter Wells, editors of Tides of Change Across the Gulf. None of those publications were listed in the Resources column, although an ad for the forthcoming Marine Habitat Primer was included.

4.2 Access to electronic versions

Placing electronic versions of publications on the GOMC website is an excellent way to make them available. Increasingly, people turn to Web search engines like *Google* and *Yahoo* to find information. If search engines lead them to any part of the GOMC website, they may explore the site and find other materials of interest. Electronic publications can be promoted within the site. For example, there is a link to the *Gulf of Maine Marine Habitat Primer* webpage from the sidebar of each webpage in the main GOMC site, and the sidebar on the *Gulf of Maine Times* home page currently features that publication.

People may find the GOMC website by following links from other sites; so it is informative to determine the site's representation on the Web. A January 2006 Google search found over 40 links to the Council website's home page from other websites, including 27 lists of environmental or marine science links on websites of organizations, government agencies, businesses and universities. A recent Yahoo search found over 400 webpages linked to various parts of the GOMC website, including more than 50 webpages linked to the Gulf of Maine Times. Sixteen webpages, including several that feature educational resources, link to the *Marine* Habitat Primer webpage, but only two newsletter archive webpages link to Tides of Change Across the Gulf. (Links to GOMC publications may also occur in databases, such as library catalogues, which are not accessible to search engines.) A further Google search showed that the GOMC website is mentioned in more than 200 pdf documents, including newsletters, reports and press releases. These findings provide evidence of a considerable web presence for GOMC. Links to business and academic websites have been shown to reflect the calibre of the hosting organization (Vaughan and Wu, 2004; Aguillo, Granadino, Ortega & Prieto, 2006). The volume of links to the GOMC site shows that other organizations respect the content of its website, but without data for comparable websites, it is not possible to rank its impact.

Usage statistics for the GOMC website were presented by Peter Taylor at a meeting of the GOMC working group in June 2006 (Taylor, 2006). Over the seventeen month period between January 2005 and May 2006, site visits per month doubled, increasing to 32,963 visits in May 2006. During the same period the number of webpages viewed per month almost tripled, with 122,573 webpages viewed in May 2006. Three of the twenty-five most-requested webpages were electronic versions of print publications: the *Gulf of Maine Marine Habitat Primer* (#3), the *Gulf of Maine Times* (#6), and the *Gulf of Maine Habitat Restoration Strategy* (#10). Other highly ranked webpages lead to publications: the GOMMI webpage (#4), the Action Plan webpage (#8) and the "Publications" webpage itself (#21). The *People Finder* and *NGO Directory* ranked #7 and #15 respectively.

The Internet's popularity as a source of information has increased dramatically in the last decade, and this trend is likely to continue. The GOMC website is now *the* primary means of accomplishing the Council's major function to facilitate information sharing around the Gulf of Maine. Although the website looks professional and contains excellent resources, extensive work is required to develop new content and maintain the site. In the course of this project we reported various small problems to the webmaster, which have been corrected, and some other suggestions for improving the site have been implemented. We encourage the Council to devote additional resources to enhance the design and quality of the website, and to develop new information resources in addition to those related to other Council projects.

4.3 Access to print versions

While electronic publications are very useful, there is still a need for print publications. Potential users of GOMC's publications have varying levels of access to and comfort with the Internet. Environmental managers working in government departments are likely to be equipped with facilities to use GOMC's electronic publications quite easily. However, the publications are also intended to be useful to the general public. For individuals living in communities, primarily in rural areas, where only dial-up Internet access is available, downloading the 5.5 MB pdf for *Tides of Change Across the Gulf* is very slow. Young people who have grown up using computers are more comfortable reading from a computer screen than are older adults. In our opinion, most people, young or old, with serious interest in the contents of a long document still prefer to use a print copy, but illustrations and coloured backgrounds make printing on home printers slow and expensive. Thus, production of printed versions of publications should be continued.

A good way to make GOMC's print publications available to a wide range of potential readers is to ensure that they are deposited in public, academic and special (e.g. government or organization) libraries. Libraries collect, organize and preserve materials that are likely to be useful to the communities they serve. When library users search for information on a topic of interest, catalogue records may help readers and staff become aware of the existence of GOMC's publications. Potential

users include citizens concerned about the environment, and students pursuing projects to help them learn to be better environmental stewards in the future.

Since each major GOMC publication represents a large investment of resources, it makes sense to allocate adequate resources for distribution. Examination of library holdings of two recent publications illustrates the problems that can easily occur in a decentralized, multi-jurisdictional organization like GOMC.

When the *Gulf of Maine Marine Habitat Primer* was printed in the spring of 2005, copies were mailed to a large US distribution list, including over one hundred libraries in coastal communities (Peter Taylor, personal communication). A search of *OCLC WorldCat* shows holdings of the *Primer* in 30 New England libraries or library systems, and checks of some library systems found copies in several library branches. Only a few libraries added links in their catalogue records to the GOMC webpage where pdf files are available, even though the URL for that webpage is noted in the publication.

In New Brunswick and Nova Scotia, distribution of the *Marine Habitat Primer* was much less effective. A few people were given multiple copies, but no detailed instruction about what to do with them (Marianne Janowicz and Patricia Hinch, personal communications). Requests for copies can be made through the GOMC website, and Ms. Janowicz distributed about ninety copies that way, including twelve intended for libraries. In Nova Scotia and New Brunswick, copies of the *Primer* are held in two New Brunswick university libraries and in the libraries of Environment Canada and Fisheries and Oceans Canada, but none were found in public library catalogues. Ms. Janowicz planned to contact the New Brunswick public libraries to ensure that copies of the *Primer* reach them. In Nova Scotia, links between Ms. Hinch and librarians in public libraries and the legislative library could lead to copies of Council publications being added to library collections. A Halifax-based public librarian was impressed with a copy of the *Primer*, which suggests that public librarians would be quite happy to acquire copies of GOMC publications.

Tides of Change Across the Gulf was produced as a background document for the 2004 Gulf of Maine Summit, but distribution through other channels was limited. Environment Canada and Fisheries and Oceans Canada libraries hold copies, but the NOAA library does not. Public and academic library holdings of this report also show fragmented distribution efforts. In New Brunswick copies are found in thirteen public libraries, while in Nova Scotia two public libraries and two university libraries hold copies. In Maine, copies are found in three public and five academic libraries, but copies are not listed in the Massachusetts Virtual Library catalogue or the New Hampshire Union Public Access Catalogue. Both the Library of Congress and Library and Archives Canada hold copies, and the latter has added the electronic version, from the accompanying CD, to its electronic collection, searchable at epe.lac-bac.gc.ca/.

5. Recommendations for improving publication practices

With the exception of the journal articles, all of the Council's publications may be considered to be "grey literature," defined as "that which is produced by all levels of government, academics, business and industry in print and electronic formats, but which is not controlled by commercial publishers" (Third International Conference on Grey Literature, 1997, p. iii). Organizations such as GOMC approach the production process differently than commercial publishers do. The former pay less attention to the details (e.g., publication dates and ISBNs) that help people identify and evaluate what they're reading, or help them locate a copy of an item to which they have found a reference. As demonstrated in the previous section, publicity and distribution of the reports can be inefficient.

GOMC's administration is decentralized and moveable, with the Secretariat rotating among five jurisdictions. Even when the Secretariat returns to the same jurisdiction after five years, it may go to a different department. This itinerate system has made it especially difficult to establish and maintain consistent publication practices, and to keep good records of what has been published. However, we encourage the Council and Working Group to adopt the following recommendations.

5.1 Centralized oversight of publications

- Assign responsibility for oversight of publications to a single person or office.
 When publications are prepared by various people or groups, this authority would check that bibliographic information is included and consistent, and that plans for publicity and distribution are adequate.
- Assemble and maintain a central collection of all print publications.
- Check the collection at the Maine State Planning Office for publications which have been missed in compiling the lists in this report.

5.2 Creating new publications

- Develop guidelines for authors and editors to follow when preparing new publications
 - o Post the guidelines on the GOMC website.
- Include all the information needed to describe the publication accurately:
 - o Title.
 - Author(s).
 - o Publication date.
 - Publisher.
 - Place of publication.
 - ISBN (International Standard Book Number) (See Appendix E) and/or
 - o ISSN (International Standard Serial Number) (See Appendix E)
- If there is a title page, ensure that the information is consistent with that on the cover.
 - Libraries use information from the title page for catalogue records, since the cover may be damaged or replaced.

- If a recommended citation format is included, ensure that it agrees with the details found on the title page and cover.
 - Inaccurate citations make it difficult to locate a cited item in library catalogues or other sources.
- If an electronic version of the publication will be put on the GOMC website, note that information in the printed report.

5.3 Promoting awareness of new publications

- Continue to provide initial publicity through press releases, the GOMC website and *Gulf of Maine Times*.
- Provide on-going awareness by sending copies to libraries and indexing services (see below).
- Continue to send copies to individuals and organizations already on distribution lists.
- Continue to distribute new fact sheets with copies of the *Gulf of Maine Times*.

5.4 Distributing copies of publications to libraries

- Develop or update the list of libraries in each jurisdiction that should receive copies of new publications. The list should include
 - Library of Congress.
 - Library and Archives Canada.
 - Provincial and state legislative libraries, and state and provincial libraries.
 - Libraries of departments, agencies and businesses that are represented by Council members.
 - Public and academic libraries.
 - Other special libraries with environmental concerns, e.g.:
 - Environmental NGOs
 - Environmental engineering companies
- Identify relevant libraries using directories, e.g.:
 - Maine Library Directory ("Generate Library Lists" may be useful) msl1.ursus.maine.edu/statsnew/searchn.cfm
 - Massachusetts Library Directory (may not be complete) www.mlin.lib.ma.us/libraries/directory/index.php
 - New Hampshire: Directory of NH Libraries (search or pdf list) www.oit.nh.gov/libdir/.
 - Nova Scotia Provincial Library's Directory of Libraries <u>dnsl.ednet.ns.ca/</u>
 - The most recent New Brunswick directory is too old to be useful. (*Directory of New Brunswick Libraries*, 9th ed. 1996; print only)
- Contact newly identified libraries to assess interest in receiving new or existing GOMC publications.
- Review and update the distribution list periodically (annually recommended).
- Evaluate the intended audience of each publication to determine how widely it should be distributed.

5.5 Indexing services

- Contact the national partners of ASFA⁵ to arrange inclusion of as many GOMC publications as possible.
 - American partner:
 - Ms Janice Beattie

National Oceanic and Atmospheric Administration (NOAA) Library and Information Services Division

NOAA Central Library (SSMC3, 2nd floor),

1315 East -West Highway

Silver Spring, Maryland 20910, USA

Tel. (1) 301 713 2607 ext 139 / Fax: (1) 301 713 45 98

E-mail: Janice.Beattie@NOAA.gov

- Canadian partner:
 - Mr Émil Daniel / (Ms Charlotte McAdam, ASFA input) Fisheries and Oceans Canada Library Policy and Services 200 Kent Street, 7E244 Ottawa, ON, K1A 0E6, Canada Tel. (613) 993-2926 / Fax: (613) 990-4901

E-mail: daniele@dfo-mpo.gc.ca / mcadam@nbnet.nb.ca

- Recommend GOMC publications for inclusion in the new *Web Citation Index* being created by *Web of Science* publishers Thomson ISI.
 - Send e-mail to their help desk: <u>ts.support.americas@thomson.com</u>

5.6 Electronic distribution of new publications

- Make an electronic version of each publication available on the GOMC website in pdf format.
- Include each publication in the searchable *KnowledgeBase*.
- Check each pdf for completeness. Mistakes can happen:
 - In the course of this project, we noticed and reported to the GOMC webmaster that the pdf of the 2001 nitrogen workshop report was missing fourteen pages. We later found a complete pdf on the Cooperative Institute for Coastal and Estuarine Environmental Technology (CICEET) website, and the incomplete copy on the GOMC site has now been replaced.
- Consider creating a "home printer friendly" version of publications with less use of background colour, to reduce the time and expense of printing.
- Consider adapting the information in pdf formats to HTML format, as was done with the *Mapping the Undersea Landscape* fact sheet.
- Include identifying information in conference documents posted on the website, to provide context and credibility.

⁵ Aquatic Sciences and Fisheries Abstracts (ASFA) is an index of marine science literature that includes conference proceedings and technical reports as well as journal articles. Many academic and research libraries have access to this database. For more information, see www.fao.org/fi/asfa/asfa.asp and www.csa.com/factsheets/aquclust-set-c.php.

- Search engines may link directly to the pdf document which means a searcher does not see the context for the document.
- o Include at least a title, author(s), date and conference title.
- Many background documents from the Northeast Coastal Indicators Workshop and the Atlantic Northeast Coastal Monitoring Summit only have a title.

5.7 Online directories

- The People Finder, NGO Directory and Environmental Monitoring Program Locator appear only online.
 - These directories rely on people updating their own entries, but many are unlikely to do this without reminders.
 - Outdated entries remain, e.g.:
 - John Leefe MLA, was last a member of the NS Legislative Assembly in 1999.
 - David Nathan Alward and Paul Robichaud are both listed as the New Brunswick Minister of Agriculture, Fisheries and Aquaculture. (Mr. Alward is the current minister).
- Make regular efforts to update online directories.
 - E-mail reminders could be sent where addresses are available, but many entries do not include addresses.
- Automatically add a "last updated" date to each entry when it is created or changed.
 - An old date indicates that the information may be inaccurate.
 - When there is more than one entry for a person or an organization, users can select the most recent one.
 - If no date information is available, display "updated before..." (using the date when recording of dates begins)

5.8 Other website recommendations

- Post the publication list on the GOMC website, preferably in database format, to make it readily available.
 - While draft versions have been included in the publication list in this report, it may be appropriate to omit them from the version posted on the website.
- Regularly update the database with information about new, or newly discovered, publications
- Make as many publications as possible available through the website.
 - o Older publications could be scanned and posted to the web.
- People come to the site with varying ideas or uncertainty about what they want and how they might find it.
 - Make it easy to find each publication by providing links from several reasonable pages in the website.
 - Apply usability testing; asking even a few people to find some information on the website, may suggest appropriate improvements.

 Provide additional resources for website quality control and development of new content.

5.9 Gulf of Maine Times

- Improve access to the website content:
 - Add search facilities (a Google "Search this site" box) to the *Archives* webpage. (Home pages of issues since Spring 2004 have search boxes.).
 - o Include a link from the *Archives* page to the current issue, so users can get back to the current issue.
 - Make the Archives page more attractive. (Libraries may choose to link from their catalogues to that page, rather than the home page.).
 - Consider adding a few keywords describing the contents of each issue beside each link on the *Archives* page.
 - o Consider including *Times* articles in the *KnowledgeBase*.
- Obtain an ISSN (International Standard Serial Number) for the Times
 - See Appendix E for details.
 - o Include the ISSN in each issue, on the front page or masthead.
- Have the Gulf of Maine Times indexed by commercial services.
 - Indexes are available online through public, academic and special libraries.
 - o The indexes could include searchable full text copies of the *Times*.
 - Contact will be established between the editor of the *Times*, and the publishers of indexes such as:
 - Gale Infotrac: CPI.Q (Canadian Periodicals Index) and General Reference Center
 - ProQuest: Research Library
 - EBSCO: Canadian Reference Centre and Environment Index.
- Include all content from the print version in the online version:
 - Print "ads" for GOMC publications on the Resources page are missing from the online Resources section, e.g.:
 - Marine Habitat Primer (Winter 2004, Spring 2005)
 - A collage of publications (Summer 2005)
 - Habitat restoration portal & Gulfwatch mapping tool (Fall 2005).
 - Other "filler" items from the Calendar/Resources page could be added to Gulf Log, e.g.:
 - Cheverie Creek opening underway (Winter 2005)
 - Fundy Baykeeper project photo and text (Summer 2004)
 - Historic photo of beached dolphins (Spring 2006)
 - The Gulf of Maine Watershed Map, and lists of Council members and contact people, are found on the last page of each print issue, but not in the electronic version.
 - Perhaps the link to the main GOMC site is sufficient.

6. Conclusions and next steps

Since it was established in 1989, the Gulf of Maine Council on the Marine Environment has pursued an extensive and significant role in promoting environmental sustainability in the Gulf region. The Council's publication programme is one of the more important means by which this role has been fulfilled. With over 300 publications to its credit, GOMC has sought to inform a wide audience of readers, and to advance knowledge and influence public policy.

Like many similar organizations, GOMC has concentrated its efforts on producing informative and credible publications. Much less attention has been placed on distribution practices to ensure that the publications reach intended audiences. This publication pattern is common, even though the publications, like other grey literature, often entail significant production resources. Moreover, like many organizations, GOMC has not kept accurate records of its full publication output.

Through extensive searching we have identified and recorded GOMC's wide ranging publication output, both print and digital. The difficulties that we faced in locating GOMC publications have highlighted features about publication and distribution practices that the Council should consider in order to increase readership, and ultimately the impact of the initiatives of the Council. Thus, the significance of this report rests in the establishment of a record of the published output of the Council, and the series of doable recommendations which will enhance the Council's public information role.

Determination of the impact of publications begins with tracking readership. Since citations provide one indicator of readership, a search was undertaken to locate citations to GOMC publications. The examples of citation analysis included in this report confirm that GOMC publications are used, but the full extent of use has not yet been determined. It is quite likely that GOMC publications are underutilized, in part, because of inadequate distribution and low visibility. If the recommendations outlined in this report are followed, GOMC publications can become more widely known. The GOMC website is growing in substance and significance and may soon play a more important information role than print publications. Nonetheless, print publications fulfill functions that will not be replaced by the web. Thus, paying attention to effective development of both forms of communication will be necessary to meet the Council's mandate.

Our investigation has established a strong foundation on which to pursue further study. In particular, we are seeking additional funding to extend the citation searching and analysis. With a fuller database of citations we will be able to ascertain usage patterns with a greater degree of confidence. Since citation analysis by itself does not provide a comprehensive explanation of readership, other complementary methods will be used to uncover influence and impact. Interviews with public policy managers can, for example, provide evidence of influence and impact, especially when direct citations may not exist.

As an important intergovernmental organization, the Gulf of Maine Council on the Marine Environment serves as an excellent case for exploring the significance of grey literature in today's information-rich environments. Therefore, gaining a comprehensive understanding of GOMC's publication activities, and the influence of its publications can provide insights not only for GOMC but other similar organizations worldwide.

7. Acknowledgements

This study was undertaken with funding from the Gulf of Maine Council on the Marine Environment, and significant in-kind support was provided by the School of Information Management at Dalhousie University. Much of the searching for publications and citations was conducted online via the web, including databases made accessible by Dalhousie University Libraries. Several individuals responded to numerous questions that arose during the project. In particular, we wish to acknowledge Lucas Maxwell and Barbara Sobol at the Environment Canada Library, Dartmouth NS, and John Neilson at the University of New Brunswick Libraries. Patricia Hinch, David Keeley, Marianne Janowicz, Anne Smrcina, Peter Taylor and Michele Tremblay explained details of GOMC publications and procedures. Peter Taylor and Andi Rierden provided feedback on draft suggestions for website improvements and indexing of the *Gulf of Maine Times*.

8. References

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Page views per month, www.gulfofmaine.org, January 2005 – May 2006: www.gulfofmaine.org/webstats/pageviews 0105-0506.jpg

Top 25 most requested pages, Jan. 2005 – May 2006: www.gulfofmaine.org/webstats/requestedpages 0105-0506.jpg [Accessed July 16, 2006]

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Appendices

Notes to Appendices A - D

Entries in the following lists, drawn from the database, contain standard bibliographic information in the following format:

Authors (date).	Title.	Place: Publisher.	(pages)	[series	and/or	comment]
Location:						

However, many of the publications do not include all of the standard elements. When elements were assumed they were placed inside square brackets, e.g. [2003]. This indicates that the information is not actually found in the publication, but has been found elsewhere or inferred from other information. A question mark, e.g. 2003?, indicates a "best guess." An exception was made with the publisher element, since GOMC was declared the publisher when it seemed appropriate. Place of publication was often not available, and the abbreviation "S.I". ("no location") was used.

For each publication, a "Location" note indicates availability of copies or the source of information about its existence. The following table defines the location notes of copies known to exist:

[URL]	Internet address of an electronic copy
SPO Library	Maine State Planning Office Library, Augusta; descriptions of
Of O Library	holdings: http://www.gulfofmaine.org/library/spolibrary/
Central filing	Title listed in the Central Filing list from the Maine State Planning
Central ming	Office: http://www.gulfofmaine.org/council/internal/rh/centralfiling.doc
Have copy	Copy in the personal collections of Patricia Hinch or Peter Wells
Libraries	Copies listed in catalogues of more than one of the libraries listed in
Libraries	section 2.1
Library (specified)	Copy listed in only one library catalogue or holdings list
BoFEP index CD	PDF copy available on CD with Cumulative Index of BoFEP
BOFEF IIIdex CD	publications (Rolston & Wells, 2006)
Order from MERI	Available through Marine Environmental Research Institute website:
Older HOITI MERI	http://www.meriresearch.org/poutreach/lect.htm

The existence of publications that could not be located was inferred from a variety of evidence, outlined in the following table. Copies might exist in places not checked or where an online catalogue is not available. For example, the library of the Bigelow Lab at Boothbay Harbor, Maine, does not have an accessible online catalogue, but a check of that library might lead to copies of some of those items, or of others not yet identified.

Publication lists	Mentioned in the publication lists of Annual Reports up to 1998-1999, or in online list: http://www.gulfofmaine.org/council/internal/rh/biblio.doc
Resources - Gulf of Maine Times	Mentioned in "resources" column of the Gulf of Maine Times
GOMC history	Mentioned in highlights section of annual reports, collected at http://www.gulfofmaine.org/council/internal/rh/history.doc
Cited	Item is cited in another publication

Appendix A: GOMC publications (212 items)

A1 – GOMC publications, categorized by publication type and topic (ordered by publication date within each category)

Reports and fact sheets: Contamination & monitoring	(30 items)	30
Reports and fact sheets: Data & information management	(4 items)	35
Reports and fact sheets: Governance & law	(6 items)	35
Reports and fact sheets: Habitat & mapping	(27 items)	36
Reports and fact sheets: Marine debris	(5 items)	41
Reports and fact sheets: Marine protected areas	(8 items)	41
Reports and fact sheets: Pollution sources	(3 items)	42
Reports and fact sheets: Other	(6 items)	43
Conference and workshop reports	(33 items)	43
Background documents: ANCM Summit, December 2002	(9 items)	47
Background documents: NCIW, January 2004	(10 items)	48
Background documents: Gulf of Maine Summit, October 200	04 (12 items)	50
Background documents, other events	(7 items)	51
Action plans and related documents	(16 items)	52
Annual reports and related documents	(13 items)	54
Brochures and posters	(10 items)	56
Serials	(4 titles)	57
Miscellaneous	(9 items)	57

Reports and fact sheets: Contamination & monitoring (30 items)

- Gulf of Maine Working Group (1989). *Marine environmental quality monitoring programs in the Gulf of Maine: An inventory.* [Augusta, ME]: Maine State Planning Office. (129 p.) Location: Central filing; Libraries
- Camp, Dresser & Mckee Inc.; Research and Productivity Council of New Brunswick, & Mainewatch Institute (1990). *Gulf of Maine monitoring program monitoring plan:* interim report. (46 p.)

 Location: Library Environment Canada, Dartmouth NS
- Gulf of Maine Council on the Marine Environment (1990). *Ecological monitoring plan for the Gulf of Maine: Final report, June 1990.* [S.I.]: Gulf of Maine Council on the Marine Environment.

Location: Central filing

Gulf of Maine Council on the Marine Environment (1991). *The Gulf of Maine: Environmental quality monitoring plan [executive summary].* [S.I.]: Gulf of Maine Council on the Marine Environment. (4 p.)

Location: Central filing; Have copy (P. Hinch)

- Gulf of Maine Council on the Marine Environment (1991). *Gulf of Maine environmental quality monitoring program: an initial plan.* [S.I.]: Gulf of Maine Council on the Marine Environment. (40 p.)
 Location: SPO Library; Libraries
- Monitoring Committee of the Gulf of Maine Council on the Marine Environment (1991).

 Gulfwatch mussel pilot project of the Gulf of Maine environmental monitoring plan.

 [Augusta, ME]: Maine Dept. of Environmental Protection. (29 p.) [2nd edition]

 Location: Central filing; Libraries
- Crawford, R., & Sowles, J. (1992). *Gulfwatch Project: Standard procedures for field sampling, measurement and sample preparation. Gulfwatch pilot period 1991-1992.*Augusta, ME: Gulf of Maine Council on the Marine Environment. (11 p.)
 Location: <u>Central filing; Cited</u>
- Sowles, John; Crawford, Robert; Machell, John; Atkinson, Glenn; Hennigar, Peter; Jones, Steven, et al. (1992). *Evaluation of Gulfwatch: 1991 pilot project of the Gulf of Maine environmental monitoring plan.* [S.I.]: Gulf of Maine Council on the Marine Environment. (39 p.) [Also second edition, 1992, 45 p., extra appendix] Location: SPO Library; Libraries
- Thurston, Harry, & Larsen, Peter (1994). *Marine environmental quality in the Gulf of Maine*. [S.I.]: Gulf of Maine Council on the Marine Environment. (16 p.) [Gulf of Maine state of the environment fact sheet 94-1] Location: Libraries; have copy (P. Hinch)
- Sowles, John, & Crawford, Robert (1994). *Gulfwatch project: Standard procedures for field sampling, measurement and sample preparation: Gulfwatch implementation period 1993-2001.* [S.I.]: Gulf of Maine Council on the Marine Environment. (16 p.) Location: <u>SPO Library; Library BIO</u>
- Sowles, John; Crawford, Robert; Machell, John.; Hennigar, Peter; Jones, Steven; Pederson, Judith, et al. (1994). *Evaluation of Gulfwatch 1992: Second year of the Gulf of Maine environmental monitoring plan.* [S.I.]: Gulf of Maine Council on the Marine Environment. (141 p.) [Also revised edition, 1996, 135 p.]

 Location: <u>SPO Library; Libraries</u>
- Turgeon, Donna (1995). *Environmental quality monitoring program: Strategies for implementing the initial plan.* [S.I.]: Gulf of Maine Council on the Marine Environment. Location: Central filing
- Gulf of Maine Council on the Marine Environment, & Moore, Robert (1996). Shellfish resources in the Gulf of Maine [fact sheet]. [Halifax, NS]: Nova Scotia Dept. of the Environment. (8 p.)
 Location: Central filing; Libraries; have copy (P. Hinch)
- Sowles, John; Crawford, Robert; Machell, John.; Hennigar, Peter; Jones, Steven; Pederson, Judith, et al. (1996). *Evaluation of Gulfwatch 1993: Third year of the Gulf of Maine environmental monitoring plan.* [S.I.]: Gulf of Maine Council on the Marine Environment. (128 p.)
 Location: SPO Library; Libraries

- Chase, Margo; Atkinson, Glenn; Coombs, Karen; Crawford, Robert; Harding, Gareth; Hennigar, Peter, et al. (1996). *Evaluation of Gulfwatch 1994: Fourth year of the Gulf of Maine environmental monitoring plan.* [S.I.]: Gulf of Maine Council on the Marine Environment. (108 p.)
 - Location: http://www.gulfofmaine.org/library/gulfwatch/94report.pdf [missing Appendices C-F]; SPO Library; Libraries
- Chase, Margo; Coombs, Karen; Crawford, Robert; Harding, Gareth; Hennigar, Peter; Jones, Stephen, et al. (1996). Evaluation of Gulfwatch 1995: Fifth year of the Gulf of Maine environmental montioring plan. [S.I.]: Gulf of Maine Council on the Marine Environment. (137 p.)

Location: http://www.gulfofmaine.org/library/gulfwatch/95report.pdf [missing Appendices C-F]; SPO Library; Libraries

- Chase, Margo; Jones, Stephen; Hennigar, Peter; Sowles, John; Coombs, Karen; Crawford, Robert, et al. (1997). *Evaluation of Gulfwatch 1996: Sixth year of the Gulf of Maine environmental monitoring plan.* [S.I.]: Gulf of Maine Council on the Marine Environment. (122 p.)
 - Location: Libraries; have copy (P. Hinch)
- Sowles, J.; Crawford, R.; Hennigar, P.; Harding, G.; Jones, S.; Chase, M., et al. (1997). Gulfwatch project standard procedures: Field and laboratory: Gulfwatch implementation period 1993-2001. [S.I.]: Gulf of Maine Council on the Marine Environment. (115 p.)

Location: SPO Library; Libraries

- Tripp, Bruce W. (1997). *Gulfwatch environmental monitoring: Review and assessment.*Preliminary report to the Gulf of Maine Council. [S.I.]: Gulf of Maine Council on the Marine Environment.

 Location: SPO Library
- Tripp, Bruce W.; Bothner, Michael; Farrington, John; Giblin, Anne; McDowell, Judith, & Shelley, Peter (1997). *Final report: Evaluation of the Gulfwatch monitoring program.* [S.I.]: Gulf of Maine Council on the Marine Environment. (20 p. pdf) [Reprinted as Appendix H of *The first five years of Gulfwatch* (1998)]

 Location: SPO Library; http://www.gulfofmaine.org/library/gulfwatch/GW-eval.pdf

 http://www.gulfofmaine.org/library/gulfwatch/revu.htm
- Chase, Margo; Hennigar, Peter; Sowles, John; Jones, Stephen; Crawford, Robert; Harding, Gareth, et al. (1998). *Evaluation of Gulfwatch 1997: Seventh year of the Gulf of Maine environmental monitoring plan.* [S.I.]: Gulf of Maine Council on the Marine Environment.

 Location: SPO Library; Libraries
- Jones, Stephen H.; Chase, Margo; Sowles, John; Hennigar, Peter; Robinson, William; Harding, Gareth, et al. (1998). *The first five years of Gulfwatch, 1991-1995: A review of the program and results.* [S.I.]: Gulf of Maine Council on the Marine Environment. (152 p. + appendices)

Location: SPO Library; Libraries; have copy (P. Hinch)

- Chandler, Heather (2001). *Marine monitoring programs in the Gulf of Maine: An inventory.*Augusta, ME: Maine State Planning Office. (115 p.)
 Location: Libraries; http://www.gulfofmaine.org/library/pdf/mon_inventory.pdf
- Chase, Margo; Jones, Stephen; Hennigar, Peter; Sowles, John; Harding, Gareth; Vass, Peter, et al. (2001). Evaluation of Gulfwatch 1998: Eighth year of the Gulf of Maine environmental monitoring plan. [S.I.]: Gulf of Maine Council on the Marine Environment.

 Location: Libraries; have copy (P. Hinch)
- Sunderland, E. M., & Gobas, F. A. P. C. (2001). *Development of a mercury cycling model for the Bay of Fundy / Gulf of Maine region: Progress report.* [S.I.]: Gulf of Maine Council on the Marine Environment. (37 p.)

 Location: http://www.gulfofmaine.org/library/pdf/GOMReport-FinalVersion.pdf
- Chase, Margo; Jones, Stephen; Hennigar, Peter; Sowles, John; Harding, Gareth; Vass, Peter, et al. (2002). *Evaluation of Gulfwatch 1999: Ninth year of the Gulf of Maine environmental monitoring plan.* [S.I.]: Gulf of Maine Council on the Marine Environment. (122 p.)
 Location: Libraries; Have copy (P. Wells)
- Finlayson, Christy (2003). *Draft inventory of environmental monitoring programs in the Gulf of Maine and Long Island Sound; and Supplement: Program entry outlines.* [S.I.]: Gulf of Maine Council on the Marine Environment, Environmental Quality Monitoring Committee. (52 p.; 23 p.)

 Location: http://www.gulfofmaine.org/nciw/PDFs/MonitoringInventoryPrograms.pdf
 http://www.gulfofmaine.org/nciw/PDFs/MonitoringInventoryPrograms.pdf
- Gulf of Maine Council on the Marine Environment. Science Translation Project (2003). Gulfwatch: Monitoring chemical contaminants in Gulf of Maine coastal waters [fact sheet]. [S.I.]: Gulf of Maine Council on the Marine Environment. (4 p.) Location: http://www.gulfofmaine.org/council/publications/gulfwatchfactsheet.pdf
- Della Valle, Elizabeth A. (2006). *Gulf of Maine indicators: Draft final report of listening sessions and evaluation of tides of change report.* [S.I.]: Gulf of Maine Ecosystem Indicators Partnership. (65 p.)
 Location: Have copy (P. Wells)
- Mills, Kathy E. (2006). A strategy for Gulf of Maine ecosystem indicators and state of the environment reporting. [S.I.]: Gulf of Maine Council on the Marine Environment. (55 p.)
 Location: Have copy (P. Wells)

See also related conference reports, background documents, etc.:

- o The Gulf of Maine: Sustaining our common heritage (1989)
- Gulf of Maine: Sustaining our common heritage: Proceedings of an international conference held in Portland, ME, December 10-12, 1989.
- The environmental impacts of finfish culture: Summary: Gulf of Maine working group aquaculture workshop, March 1-2, 1990.
- Proceedings of the Gulf of Maine scientific workshop, Woods Hole, Massachusetts, 8-10 January 1991.

- Abstract proceedings of the aquaculture-environment interaction workshop, February 24-25, 1993 [St. Andrews, N.B.].
- The Gulf of Maine: Sustaining our common heritage: 1994 update.
- Participants recommendations to the Gulf of Maine Council on the Marine Environment from the sustaining our common heritage conference, August 2-4, 1994 [Wolfville, NS].
- Effects of season and species on physiological condition and contaminant burdens in mussels (Mytilus edulis L. and Mytilus trossulus G.): Implications for the Gulfwatch program [Reprinted thesis, 1996]
- o Gulfwatch: Putting a little mussel into Gulf of Maine marine monitoring [Fundy Issues fact sheet, 1999, reprinted from Gulf of Maine Times]
- Recommendations to GPAC for prioritizing next steps on contaminants in the marine environment from land-based sources. Summary report of GOMC Environmental Quality Monitoring Committee/GPAC meeting held on October 5-6, 2000, St. Andrews, NB.
- Gulf of Maine Environmental Quality Monitoring Workshop, April 30-May 1, 2001 [Portsmouth, NH]: Summary report.
- Aquaculture physical remediation: Workshop proceedings, September 20-21, 2001, St. Andrews, N.B.
- Workshop report: 2001: Managing nitrogen impacts in the Gulf of Maine [Nov. 28-29, 2001, Portsmouth, NH].
- The silencing of the loons? [2002 Gulf of Maine Times reprint]
- Sewage management in the Gulf of Maine: Workshop proceedings, April 11-12, 2002 [Dartmouth, NS].
- Atlantic northeast coastal monitoring summit, Durham, New Hampshire, December 10-12, 2002: Meeting summary.
- Atlantic northeast coastal monitoring summit, December 10-12, 2002: Executive Summary.
- o Creating a coordinated regional monitoring network. [ANCM Summit fact sheet]
- o Background documents for the ANCM Summit
- Environmental indicators: As environmental red flags, indicators reveal marine changes [2003 Gulf of Maine Times reprint]
- o Northeast coastal indicators workshop: Meeting summary, Durham, New Hampshire, January 6-8, 2004.
- o Developing a set of regional indicators. [NCIW fact sheet]
- Background documents for the NCIW
- A survey of coastal managers' science and technology needs prompts a retrospective look at science-based management in the Gulf of Maine. (2004)
- Gulf of Maine science to management: Establishing research priorities in the Gulf of Maine. Final Report. GOMC-RARGOM theme meeting, South Portland, Maine, September 20, 2004.
- The Gulf of Maine summit state of the environment reporting "from the bottom up": Summary reports and matrices from United States and Canadian regional forums and meetings. (2004)
- State of the Gulf report: Nutrient indicators. (2003)
- o Tapping the indicators knowledgebase: "Lessons learned" by developers of environmental indicators. (2003)
- Regional ecosystem indicators for the Gulf of Maine (pre-Summit draft): Fisheries, contaminants, and coastal development (2004)
- o In pursuit of data: Populating the coastal development indicators. (2004)

- o Tides of change across the Gulf: An environmental report on the Gulf of Maine and Bay of Fundy. (2004)
- Gulf of Maine summit: Committing to change. St. Andrews, New Brunswick, October 26-29, 2004. Summit report.

Reports and fact sheets: Data & information management (4 items)

Brown, Wendell S., & Garrison, Karen M. ([1990s]). Operational Gulf of Maine Council environmental data and information management system.

Location: SPO Library

Schmidt M. (1992). Gulf of Maine prototype information system user needs assessment and conceptual system design. Concord, NH: Gulf of Maine Council Secretariat, Data and Information Management Committee.

Location: Cited

Gulf of Maine Council, & Regional Marine Research Program. (1998). *Gulf of Maine data & information systems: Status report.*

Location: SPO Library

Lundquist, Caroline (1998). Gulf of Maine baseline data information: A survey of the science, policy and management communities in the Gulf of Maine. [S.I.]: Gulf of Maine Council on the Marine Environment. (20 p.)

Location: SPO Library

Related documents:

- What is the Gulf of Maine EDIMS? [1992 brochure]
- Out of the fog: Furthering the establishment of an electronic environmental information exchange for the Gulf of Maine [November 4 - 6, 1998, Boston].
- Out of the Fog 2: Backgrounder (2000)
- OOTF2: The Final Report. Saint John New Brunswick. Canada. November 2-4, 2000.
- Data sharing and management: A convergence of science, technology and policy promises a new view of the Gulf [2004 Gulf of Maine Times reprint]

Reports and fact sheets: Governance & law (6 items)

Dorsey, Michele, & Marine Law Institute (1991). Formalizing the Gulf of Maine initiative:

Institutional arrangements for implementing the Gulf of Maine initiative. Portland, ME:
Gulf of Maine Council on the Marine Environment. (32, 10 p.)

Location: Central filing; Libraries

Marine Law Institute. University of Maine School of Law (1991). Comparative assessment of state laws protecting the marine environment of the Gulf of Maine. [S.I.]: Gulf of Maine Council on the Marine Environment. (77 p.)

Location: SPO Library:

http://unicorn.csc.noaa.gov/docs/czic/KF5627.Z95%5FC66%5F1991/8D4DC5.pdf

- Oceans Institute of Canada (1991). Comparative assessment of Canadian federal and provincial laws protecting the marine environment of the Gulf of Maine. [S.I.]: Gulf of Maine Council on the Marine Environment. (187 p.)

 Location: SPO Library
- Marine Law Institute; Oceans Institute of Canada; Eichenberg, Timothy, & Dickie, Janet (1992). Assessing U.S. and Canadian laws and programs affecting the marine and coastal environment of the Gulf of Maine. [Portland, ME]: Gulf of Maine Council on the Marine Environment.

Location: Central filing; Libraries; have copy (P. Hinch)

Brennan, William J. (1999). Aquaculture in the Gulf of Maine: a compendium of federal, provincial and state regulatory controls, policies and issues. [S.I.]: Gulf of Maine Council on the Marine Environment. (22 p.)

Location: http://www.gulfofmaine.org/library/pdf/aquaculture_compendium.pdf
http://www.guydocs.aguake.org/cgi/reprint/2004/410/4100240.pdf

Coon, John R. (2005). A survey and synthesis of significant U.S. law and priorities influencing governance in the Gulf of Maine region. [S.I.]: Gulf of Maine Council on the Marine Environment. (61 p., incl. appendices)

Location:

http://www.gulfofmaine.org/council/publications/US Law and Priorities Gulf of Maine.pdf

http://www.gulfofmaine.org/council/publications/US Laws Appendix A.pdf http://www.gulfofmaine.org/council/publications/US Laws Appendix B.pdf http://www.gulfofmaine.org/council/publications/US Laws Appendix C.pdf

Related document:

 Nonpoint source water pollution in the Gulf of Maine: Appendix, summaries of federal and state/provincial statutes and state nonpoint management plans. (1992)

Reports and fact sheets: Habitat & mapping (27 items)

- Kurland, Jonathan M. (1991). Habitat mitigation efforts in the Gulf of Maine: Stemming the tide of environmental degradation: A report to the Gulf of Maine Council on the Marine Environment. [S.I.]: Gulf of Maine Council on the Marine Environment. (67 p.) Location: SPO Library; Libraries
- Foulis, David B., & Tiner, Ralph W. (1994). Wetland Trends for Selected Areas of the Casco Bay Estuary of the Gulf of Maine (1974-77 to 1984-87). [S.I.]: US Fish and Wildlife Service. (15 p.) [USFWS Ecological Services Report R5-94/1] Location: SPO Library
- Foulis, David B., & Tiner, Ralph W. (1994). Wetland Trends for Selected Areas of the Coast of Massachusetts, from Plum Island to Scituate (1977 to 1985-86). [S.I.]: US Fish and Wildlife Service. (14 p.)
 Location: SPO Library

- Foulis, David B., & Tiner., Ralph W. (1994). Wetland Trends for Selected Areas of the Cobscook Bay/ St. Croix River Estuary of the Gulf of Maine (1975-77 to 1983-85). [S.I.]: US Fish and Wildlife Service. (14 p.) Location: SPO Library
- Foulis, David B., & Tiner, Ralph W. (1994). Wetland Trends for Selected Areas of the Gulf of Maine, from York, Maine to Rowley, Massachusetts (1977 to 1985-86). Hadley, MA:
 US Fish and Wildlife Service. (14 p.) [USFWS Ecological Services Report R5-94/4]
 Location: SPO Library
- US Fish and Wildlife Service Gulf of Maine Project, & Gulf of Maine Council on the Marine Environment. (1994). *Identification of species for priority habitats*. Falmouth, ME: US Fish and Wildlife Service Gulf of Maine Project & Gulf of Maine Council on the Marine Environment. (8 p.)

 Location: Central filing; http://www.gulfofmaine.org/library/gbay/gomclist.htm

 http://www.gulfofmaine.org/library/gbay/gomclist.htm
- Auster, Peter; Ebbin, Syma; Agardi, T., et al. (1997). *Identification of regionally significant habitats in the Gulf of Maine: A report on the peer review of the Great Bay and Quoddy region pilot projects.* [S.I.]: Gulf of Maine Council on the Marine Environment. (18 p.)
 Location: SPO Library
- Burt, M. D. B. (1997). Habitat identification of critical species in the Quoddy region of the Gulf of Maine. Vol 1: Text, Vol 2: Maps. St Andrews, NB: Huntsman Marine Science Centre. (2 vols., various paging)
 Location: SPO Library; have copy (P. Hinch)
- Cornelisen, Christopher D. (1997). *Habitat and species restoration in the Gulf of Maine [interim report].* [Boston, MA]: Massachusetts Coastal Zone Management. (40 p.) Location: SPO Library
- Hayes, Mary (1997). *Conservation lands in the Gulf of Maine*. [S.I.]: Gulf of Maine Council on the Marine Environment. (6 p.) Location: <u>SPO Library</u>
- Hayes, Mary (1997). *Environmental Requirements for Priority Species in the Gulf of Maine*. [S.I.]: Gulf of Maine Council on the Marine Environment. Location: SPO Library
- Benham, A. A., & Trippel, E. A. (1998). *Mapping fishermen's knowledge of groundfish and herring spawning and nursery areas in the Bay of Fundy and Gulf of Maine*. [S.I.]: Gulf of Maine Council on the Marine Environment. [Unpublished manuscript?] Location: <u>Cited</u>

Cornelisen, Christopher D. (1998). Restoration of coastal habitats and species in the Gulf of Maine. [S.I.]: Gulf of Maine Council on the Marine Environment. (138 p. pdf, plus references & appendices)

Location:

http://www.gulfofmaine.org/library/habitat/pdf/coastal habitat restoration.pdf http://www.gulfofmaine.org/library/habitat/_(links to figures and tables from report) http://www.krisweb.com/krissheepscot/krisdb/html/krisweb/biblio/maine noaa cornelisen 1998 coasthabrest.pdf

- Cornelisen, Christopher D. (1999). Restoration of coastal habitats and species in the Gulf of Maine [fact sheet]. [S.I.]: Gulf of Maine Council on the Marine Environment. (12 p.) Location: Library Environment Canada, Dartmouth NS
- Barber, Bruce J., & McGladdery, Sharon (2001). [Background and issues paper on the]

 Current status of shellfish and broodstock movement and disease transfer risks in the

 Gulf of Maine region. [S.I.]: Gulf of Maine Council on the Marine Environment.

 Location: In publication list (Action Plan 2001-2006); Cited
- Bredin, K. A.; Gerriets, S. H., & Van Guelpen, L. V. (2001). *Distribution of rare, endangered and keystone marine vertebrate species in Bay of Fundy seascapes.* (73 p.) St Andrews, NB: Huntsman Marine Science Centre.

 Location: Cited; Huntsman lab publication list
- Burdick, David M. (2001). *Habitat restoration of South Mill Pond to improve fisheries and water quality.* Durham, NH: Jackson Estuarine Laboratory. (13 p.) Location: <u>Libraries</u>
- GOMMI (2002). GOMMI: Gulf of Maine Mapping Initiative [fact sheet]. [S.I.]: Gulf of Maine Council on the Marine Environment. (2 p.) [Reproduced in GOMMI: A Framework for Ocean Management]

 Location: http://www.gulfofmaine.org/council/publications/gommifactsheet2002.pdf

 http://sh.nefsc.noaa.gov/gommi/Fact Sheet 2002.pdf
- Taylor, Peter H. (2003). Mapping the undersea landscape: Using seafloor maps to improve management of the Gulf of Maine. [S.I.]: Gulf of Maine Council on the Marine Environment. (4 p.) [Reproduced in GOMMI: A Framework for Ocean Management] Location: http://www.gulfofmaine.org/knowledgebase/seafloor-mapping/docs/seafloor-mapping.pdf
- Todd, Brian J.; Noji, Thomas; Snow-Cotter, Susan, & Valentine, Page C. (2003). *Provisional Strategic Plan: The Gulf of Maine Mapping Initiative: GOMMI.* (27 p.) Location: http://www.marinebiodiversity.ca/en/pdfs/gommi-feb03.pdf
- CEF Consultants Ltd., & Collins, Norval (2004). *User needs assessment for the Gulf of Maine mapping initiative*. [Halifax, NS]: Gulf of Maine Council on the Marine Environment. (31 p.)

Location: http://www.gulfofmaine.org/gommi/docs/gommiusersurvey.pdf

Gulf of Maine Council on the Marine Environment. Habitat Committee. Restoration Subcommittee (2004). *Gulf of Maine habitat restoration strategy: Restoring coastal habitat in the Gulf of Maine region.* [S.I.]: Gulf of Maine Council on the Marine Environment. (25 p.)

Location:

http://www.gulfofmaine.org/habitatrestoration/documents/HabitatRestorationStrategyFinal.pdf http://www.gulfofmainesummit.org/docs/Habitat%20Restoration%20Strategy%20final%2010_ 1 04.pdf

- Gulf of Maine Council on the Marine Environment: Habitat Monitoring and Restoration Subcommittees (2004). *Gulf of Maine Salt Marsh Monitoring Protocol.* (3 p.)

 Location: http://www.gulfofmaine.org/habitatmonitoring/docs/GOM_saltmarsh_109BE2_MDrev3-pt.pdf
 http://www.gulfofmaine.org/habitatmonitoring/docs/GOM_saltmarsh_109BE2_MDrev3-pt.doc
- Noji, Thomas T.; Snow-Cotter, Susan A.; Todd, Brian J.; Tyrrell, Megan C., & Valentine, Page C. (2004). *Gulf of Maine Mapping Initiative A Framework for Ocean Management*. [S.I.]: Gulf of Maine Council on the Marine Environment. (22 p.) Location:

 http://www.gulfofmaine.org/council/publications/gommistrategicplan_entire.pdf

 http://www.gulfofmainesummit.org/docs/GOMMI%20Strategic%20Plan_Entire.pdf
- Taylor, Peter (Ed.) (2005). Salt marshes of the Gulf of Maine: Long-term monitoring to assess human impacts and ecological condition [fact sheet]. [S.I.]: Gulf of Maine Council on the Marine Environment. (4 p.)

 Location: http://www.gulfofmaine.org/habitatmonitoring/saltmarshflyer.pdf
 http://www.gulfofmaine.org/habitatmonitoring/saltmarshflyer.pdf
- Tyrrell, Megan C. (2005). *Gulf of Maine marine habitat primer.* [S.I.]: Gulf of Maine Council on the Marine Environment. (54 p.)

Location: http://www.gulfofmaine.org/habitatprimer/ [links to 6 pdfs]

http://www.gulfofmaine.org/habitatprimer/frontmatter.pdf

http://www.gulfofmaine.org/habitatprimer/introduction.pdf

http://www.gulfofmaine.org/habitatprimer/physicalhabitats.pdf

http://www.gulfofmaine.org/habitatprimer/biogenichabitats.pdf

http://www.gulfofmaine.org/habitatprimer/habitatsfromhumanactivity.pdf

http://www.gulfofmaine.org/habitatprimer/conclusion.pdf

Gulf of Maine Council / NOAA Habitat Restoration Partnership ([2005]). *Pemaquid salt marsh restoration, Bristol, Maine [fact sheet].* [S.I.]: National Oceanic and Atmospheric Administration & Gulf of Maine Council on the Marine Environment. (2 p.) Location:

http://restoration.gulfofmaine.org/projects/factsheets/PemaguidFactSheet.pdf

Related documents:

- Gulf of Maine: Sustaining our common heritage: Proceedings of an international conference held in Portland, ME, December 10-12, 1989.
- The environmental impacts of finfish culture: Summary: Gulf of Maine working group aquaculture workshop, March 1-2, 1990. [St. Andrews, NB]

- Proceedings of the Gulf of Maine scientific workshop, Woods Hole, Massachusetts, 8-10 January 1991.
- o Abstract proceedings of the shellfish habitat restoration workshop, St Andrews, New Brunswick. June 15 16, 1993.
- Abstract proceedings of the aquaculture-environment interaction workshop, February 24-25, 1993 [St. Andrews, NB].
- Participants recommendations to the Gulf of Maine Council on the Marine Environment from the sustaining our common heritage conference, August 2-4, 1994 [Wolfville, NS].
- o Proceedings of the 2nd shellfish habitat restoration workshop: June 18-19, 1996, Hilton Hotel/Trade and Convention Centre, Saint John, New Brunswick, Canada.
- Aquaculture physical remediation: Workshop proceedings, September 20-21, 2001, St. Andrews. N.B.
- Gulf of Maine marine habitat characterization and mapping: A workshop report and strategy for ocean mapping in the Gulf of Maine, October 21-23, 2001, Sebasco Estates, Maine.
- An ecological characterization of the Gulf of Maine: Estuarine, intertidal and nearshore habitats. [ANCM Summit background, 2002]
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- Oceans Institute of Canada (1992). *Gulf of Maine [action plan] workshop, Sheraton Hotel, Halifax, Nova Scotia, 21-22 April 1992: Final report.* Halifax, NS: Oceans Institute of Canada. (38, [11] p.)
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Background documents, other events (7 items)

Van Duesen, Katrina, & Johnson Hayden, Anne C. (1989). *The Gulf of Maine: sustaining our common heritage*. Augusta, ME: Gulf of Maine Council on the Marine Environment. (63p.) [Conference background: December 10-12, 1989, Portland ME] Location: <u>SPO Library; Libraries</u>

- Van Duesen, Katrina, & Johnson Hayden, Anne C. (1989). *The Gulf of Maine: sustaining our common heritage. Executive summary.* Augusta, ME: Gulf of Maine Council on the Marine Environment. [Conference background: December 10-12, 1989, Portland ME] Location: <u>SPO Library</u>
- Gulf of Maine Conference (1994). The Gulf of Maine conference: Sustaining our common heritage. August 2-4, 1994, Wolfville, Nova Scotia. [conference registration brochure]. [S.I.]: Gulf of Maine Council on the Marine Environment. (11"x17", folded to 5.5"x8.5") Location: Have copy (P. Hinch)
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- Daborn, Graham (1994). A Living Landscape: A Field Trip to the Southern Bight of Minas Basin, August 2, 1994. Wolfville, NS: Gulf of Maine Conference. (27 p., 8.5" x 5.5") [Conference background: August 2-4, 1994, Wolfville NS] Location: Central filing; have copy (P. Hinch)
- Cook, Joanne (Ed.) (2000). *Out of the Fog 2: Backgrounder.* [S.I.]: GOMINFOEX [Gulf of Maine Information Exchange]. (8 p.) [Conference background: November 2-4, 2000, Saint John NB]

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Action Plans and related documents (16 items)

- Waterman, Melissa (1990). *The Gulf of Maine action plan, first draft.* [S.I.]: Gulf of Maine Council on the Marine Environment. (34 p.)
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- Gulf of Maine Council on the Marine Environment (1990). *Gulf of Maine action plan, May* 1990. [Draft]. [S.I.]: Gulf of Maine Council on the Marine Environment. (11 p.) Location: <u>SPO Library</u>
- Gulf of Maine Working Group (1991). *The Gulf of Maine action plan: July 1991 [draft]*. [S.I.]: Gulf of Maine Council on the Marine Environment. (31 p. pdf)
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- Gulf of Maine Council on the Marine Environment (1991). *The Gulf of Maine action plan* 1991-2000. [S.I.]: Gulf of Maine Council on the Marine Environment. (33 p.) Location: <u>SPO Library; Libraries; have copy (P. Hinch)</u>
- Gulf of Maine Council on the Marine Environment (1991). *The Gulf of Maine: Action plan executive summary.* [S.I.]: Gulf of Maine Council on the Marine Environment. (4 p.) Location: Central filing; Have copy (P. Hinch)
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- Regional Association for Research on the Gulf of Maine (1998). RARGOM review of the Gulf of Maine Council on the Marine Environment Action Plan 1996-2001. (11 p.)

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- Gulf of Maine Council on the Marine Environment (2001). *Draft priorities for the Gulf of Maine program: 2001-2006, 7 February 2001.* [S.I.]: Gulf of Maine Council on the Marine Environment.

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- Gulf of Maine Council on the Marine Environment (2001). *Preliminary concepts: Priorities for the Gulf of Maine Council action plan 2001-2006.* Concord, NH: Gulf of Maine Council on the Marine Environment.

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- Gulf of Maine Council on the Marine Environment (2002). *Action plan 2001-2006*. [S.I.]: Gulf of Maine Council on the Marine Environment. (31 p.)

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http://www.gulfofmaine.org/council/internal/documents/gomc ap firstlook.pdf

See also related conference reports:

- o Gulf of Maine: Sustaining our common heritage: Proceedings of an international conference held in Portland, ME, December 10-12, 1989.
- Gulf of Maine [action plan] workshop, Sheraton Hotel, Halifax, Nova Scotia, 21-22
 April 1992: Final report.
- Participants recommendations to the Gulf of Maine Council on the Marine Environment from the sustaining our common heritage conference, August 2-4, 1994. [Wolfville, NS]
- Gulf of Maine summit: Committing to change. St. Andrews, New Brunswick, October 26-29, 2004. Summit report

Annual Reports and related documents (13 items)

- Gulf of Maine Council on the Marine Environment (1991?). *Annual report [1990/1991].* [S.I.]: Gulf of Maine Council on the Marine Environment. (15 p.) [Secretariat: Maine State Planning Office]
 - Location: SPO Library; Libraries; have copy (P. Hinch)
- Gulf of Maine Council on the Marine Environment. (1992?). *Annual report 1991/1992*. [S.I.]: Gulf of Maine Council on the Marine Environment. (12 p.) [Secretariat: New Brunswick Department of the Environment]

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- Gulf of Maine Council on the Marine Environment (1993?). 1989-1992 Gulf of Maine program accomplishments. [S.I.]: Gulf of Maine Council on the Marine Environment. (4 p.) Location: SPO Library
- Gulf of Maine Council on the Marine Environment (1993?). *Annual report 1992/1993.* [S.I.]: Gulf of Maine Council on the Marine Environment. (12 p.) [Secretariat: Massachusetts Office of Environmental Affairs]
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- Gulf of Maine Council on the Marine Environment (1995). Summary report of activities: 1991-1994. [S.I.]: Gulf of Maine Council on the Marine Environment. (16 p.)

 Location: Central filing; Publication lists
- [1993-1994 annual report (Secretariat: Nova Scotia) is in *Our Common Heritage*, Vol. 1, 1995]

- Gulf of Maine Council on the Marine Environment (1996?). Work in progress: Five-year report of the Gulf of Maine Council on the Marine Environment, 1990-1995. [S.I.]: Gulf of Maine Council on the Marine Environment & Maine State Planning Office. (24 p.) [Contains 1994-95 Annual Report; Secretariat: New Hampshire Office of State Planning]
- Gulf of Maine Council on the Marine Environment (1996?). [Annual report 1995-1996]. [S.I.]: Gulf of Maine Council on the Marine Environment. [Secretariat: Maine State Planning Office]

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- Gulf of Maine Council on the Marine Environment (1997?). *Annual report 1996-1997.* [S.I.]:
 Gulf of Maine Council on the Marine Environment. (20 p.) [Secretariat: New
 Brunswick Department of Fisheries and Aquaculture]
 Location: SPO Library: Library Environment Canada. Dartmouth NS
- Gulf of Maine Council on the Marine Environment (1998?). 1997-1998 Annual report. [S.I.]:
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 Location: SPO Library; Libraries; have copy (P. Wells)
- Gulf of Maine Council on the Marine Environment (2000?). *Annual report July 1999 to July 2000.* [S.I.]: Gulf of Maine Council on the Marine Environment. (16 p.) [Secretariat: New Hampshire Department of Environmental Services]

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- Gulf of Maine Council on the Marine Environment (2001?). *Annual report 2000-2001*. [S.I.]: Gulf of Maine Council on the Marine Environment. (33 p.) [Secretariat: Maine State Planning Office]

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- Gulf of Maine Council on the Marine Environment (2003?). *Massachusetts secretariat year annual report 2002-2003*. [S.I.]: Gulf of Maine Council on the Marine Environment. (12 p.) [Secretariat: Massachusetts Office of Coastal Zone Management] Location: http://www.gulfofmaine.org/council/publications/gomc_ma_report2002-03.pdf
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Brochures and posters (10 items)

Gulf of Maine Council on the Marine Environment ([1990]). *The Gulf of Maine: Sustaining our common heritage [brochure].* [S.I.]: Gulf of Maine Council on the Marine Environment. (1 sheet, folded)

Location: <u>Library - Environment Canada, Dartmouth NS; have copy (P. Hinch);</u> <u>Central filing?</u>

Gulf of Maine Council on the Marine Environment ([1990s]). *The Gulf of Maine watershed:*An ecosystem to share and protect [brochure]. [S.I.]: Gulf of Maine Council on the Marine Environment.

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- Gulf of Maine Council on the Marine Environment (1992). What is the Gulf of Maine EDIMS? [brochure]. [S.I.]: Gulf of Maine Council on the Marine Environment. Location: Central filing
- Kelly, Richard D. Jr. (1992). Gulf of Maine watershed with major river basins [poster]. [Augusta, ME]: Maine State Planning Office & Gulf of Maine Council on the Marine Environment. (18"x24") [Reprinted 1993; map revised 1999; reproduced in Gulf of Maine Times and other publications] Location: http://www.gulfofmaine.org/images/maps/watershedmap-hires.jpg (image only)
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 Location: Central filing; have copy (P. Hinch)
- Gulf of Maine Council on the Marine Environment (1995). *A sea beside the sea* [brochure/poster]. [S.I.]: Gulf of Maine Council on the Marine Environment. (17"x24", folded to 8.5"x4")

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- GOMCME, & USEPA (1996). Septic system record keeping file and owner's guide [brochure]. [S.I.]: Gulf of Maine Council on the Marine Environment & US Environmental Protection Agency.

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- Gulf of Maine Council on the Marine Environment (1997?). Visit the Gulf of Maine Council website, for Gulf-wide news and events at: gulfofmaine.org [postcard]. [S.I.]: Gulf of Maine Council on the Marine Environment. (4"x5.5")

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Serials (4 titles)

Turning the Tide (1989-1993). [Frequency: 3-5/year]. [S.I.]: Gulf of Maine Council on the Marine Environment.

Location: Central filing; Libraries; have one issue (P. Hinch)

Program Highlights (1990-1996). [Frequency: 2-6/year]. [S.I.]: Gulf of Maine Council on the Marine Environment.

Location: Central filing; Library - Environment Canada, Dartmouth NS

Our Common Heritage, Gulf of Maine (1995-1996). [Frequency: Vol. 1, Winter/Spring 1995; Vol. 2, Summer 1996]. [S.I.]: Gulf of Maine Council on the Marine Environment & Maine State Planning Office (1995), New Brunswick Dept. of the Environment (1996). Location: SPO Library; Libraries; have copies (P. Hinch)

Gulf of Maine Times (1997-). [Frequency: quarterly (3 in 2004)]. Annapolis Royal, NS: Gulf of Maine Council on the Marine Environment.

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Miscellaneous (9 items)

Agreement on conservation of the marine environment of the Gulf of Maine between the governments of the bordering states and provinces ([1989]). [S.I.]: Gulf of Maine Council on the Marine Environment. (2 p.) [Reproduced in Action Plan 1991-2001] Location: Have copy (P. Hinch)

Gulf of Maine Council on the Marine Environment (1991). *Our common heritage [video]*. [S.I.]: Gulf of Maine Council on the Marine Environment. (8 minutes) Location: Central filing

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Gulf of Maine Council on the Marine Environment (1993). *The Gulf of Maine program:*Success through cooperation. Funding request. (10 p.)
Location: SPO Library

Gulf of Maine Council on the Marine Environment (1993). Gulf of Maine region congressional (US) briefing, February 26, 1993.

Location: Publication lists

Gulf of Maine Council Secretariat (1995). *Gulf of Maine reference handbook.* [S.I.]: Gulf of Maine Council on the Marine Environment.

Location: GOMC history

Gulf of Maine Council on the Marine Environment (1997?). Please help protect our many precious resources. Keep the Gulf of Maine free of litter [sign]. [S.I.]: Gulf of Maine Council on the Marine Environment.

Location: Resources - Gulf of Maine Times

A proclamation by the Gulf of Maine governors and premiers: 2000, year of the Gulf of Maine (2000). [S.I.]: Gulf of Maine Council on the Marine Environment. Location: ACAP St. Croix Library

Gulf of Maine Summit (2004). *Gulf of Maine proclamation: Committing to change.* [S.I.]: Gulf of Maine Council on the Marine Environment & Global Programme of Action Coalition for the Gulf of Maine. [Reproduced in summit report, p. 12]

Location: http://www.gulfofmainesummit.org/pdfs/proclamation-English.pdf
http://www.gulfofmainesummit.org/pdfs/proclamation-English.pdf

A2 – GOMC publications, chronological order (212 items)

Date unknown

Brown, Wendell S., & Garrison, Karen M. ([1990s]). Operational Gulf of Maine Council environmental data and information management system.

Location: SPO Library

Gulf of Maine Council on the Marine Environment ([1990s]). *The Gulf of Maine watershed: An ecosystem to share and protect [brochure].* [S.I.]: Gulf of Maine Council on the Marine Environment.

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- Gulf of Maine Working Group (1989). *Marine environmental quality monitoring programs in the Gulf of Maine: An inventory.* [Augusta, ME]: Maine State Planning Office. (129 p.) Location: Central filing; Libraries
- Van Duesen, Katrina, & Johnson Hayden, Anne C. (1989). *The Gulf of Maine: Sustaining our common heritage*. Augusta, ME: Gulf of Maine Council on the Marine Environment. (63 p.) [Conference background: December 10-12, 1989, Portland ME] Location: <u>SPO Library; Libraries</u>
- Van Duesen, Katrina, & Johnson Hayden, Anne C. (1989). *The Gulf of Maine: Sustaining our common heritage. Executive summary.* Augusta, ME: Gulf of Maine Council on the Marine Environment. [Conference background: December 10-12, 1989, Portland ME] Location: <u>SPO Library</u>
- Turning the Tide (1989-1993). [Frequency: 3-5/year]. [S.I.]: Gulf of Maine Council on the Marine Environment.

Location: Central filing; Libraries; have one issue (P. Hinch)

Agreement on conservation of the marine environment of the Gulf of Maine between the governments of the bordering states and provinces ([1989]). [S.I.]: Gulf of Maine Council on the Marine Environment. (2 p.) [Reproduced in Action Plan 1991-2001] Location: Have copy (P. Hinch)

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Camp Dresser & Mckee Inc.; Research and Productivity Council of New Brunswick, & Mainewatch Institute (1990). *Gulf of Maine monitoring program monitoring plan: interim report.* (46 p.)

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Gulf of Maine Council on the Marine Environment (1990). *Ecological monitoring plan for the Gulf of Maine: Final report, June 1990.* [S.I.]: Gulf of Maine Council on the Marine Environment.

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- Gulf of Maine Council on the Marine Environment (1990). Gulf of Maine action plan, May 1990. [Draft]. [S.I.]: Gulf of Maine Council on the Marine Environment. (11 p.) Location: SPO Library
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- Gulf of Maine Working Group (1990). The environmental impacts of finfish culture: Summary: Gulf of Maine working group aquaculture workshop, March 1-2, 1990. St. Andrews. NB: Huntsman Marine Science Centre. (52 p.) Location: Central filing; Libraries
- Konrad, Victor; Ballard, Steven; Erb, Randolph, & Morin, Amy (Eds.) (1990). Gulf of Maine: Sustaining our common heritage: Proceedings of an international conference held in Portland, ME, December 10-12, 1989. [Augusta, ME & Orono, ME]: Maine State Planning Office & Canadian-American Center of the University of Maine. (270 p.) Location: SPO Library; Libraries
- Waterman, Melissa (1990). The Gulf of Maine action plan, first draft. [S.I.]: Gulf of Maine Council on the Marine Environment. (34 p.) Location: Saint John (NB) Public Library
- Program Highlights (1990-1996). [Frequency: 2-6/year]. [S.I.]: Gulf of Maine Council on the Marine Environment.

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- Dorsey, Michele, & Marine Law Institute (1991). Formalizing the Gulf of Maine initiative: Institutional arrangements for implementing the Gulf of Maine initiative. Portland, ME: Gulf of Maine Council on the Marine Environment. (32, 10 p.) Location: Central filing; Libraries
- Freshley, Craig (1991). Funding the Gulf of Maine program: An exploration of non-government funding options, tax implications regarding charitable giving, and a review of exemplary efforts of coordinated water body protection. [S.I.]: Gulf of Maine Council on the Marine Environment. (170 p.) Location: SPO Library
- Gulf of Maine Council on the Marine Environment (1991?). Annual report [1990/1991]. [S.I.]: Gulf of Maine Council on the Marine Environment. (15 p.) [Secretariat: Maine State Planning Office

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- Gulf of Maine Council on the Marine Environment (1991). *The Gulf of Maine action plan 1991-2000.* [S.I.]: Gulf of Maine Council on the Marine Environment. (33 p.) Location: SPO Library; Libraries; have copy (P. Hinch)
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 http://unicorn.csc.noaa.gov/docs/czic/GC1021.N77%5FG94%5F1991/95D34F.pdf
- Kurland, Jonathan M. (1991). Habitat mitigation efforts in the Gulf of Maine: Stemming the tide of environmental degradation: A report to the Gulf of Maine Council on the Marine Environment. [S.I.]: Gulf of Maine Council on the Marine Environment. (67 p.) Location: SPO Library; Libraries
- Marine Law Institute. University of Maine School of Law (1991). Comparative assessment of state laws protecting the marine environment of the Gulf of Maine. [S.I.]: Gulf of Maine Council on the Marine Environment. (77 p.)

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 [Augusta, ME]: Maine Dept. of Environmental Protection. (29 p.) [2nd edition]

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- Oceans Institute of Canada (1991). Comparative assessment of Canadian federal and provincial laws protecting the marine environment of the Gulf of Maine. [S.I.]: Gulf of Maine Council on the Marine Environment. (187 p.)

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- Crawford, R., & Sowles, J. (1992). *Gulfwatch Project: Standard procedures for field sampling, measurement and sample preparation. Gulfwatch pilot period 1991-1992.* Augusta, ME: Gulf of Maine Council on the Marine Environment. (11 p.)
 Location: Central filing; Cited
- Ferdinand, William (1992). Non-point source water pollution control in the Gulf of Maine: A report to the Gulf of Maine Council; & Nonpoint source water pollution in the Gulf of Maine: Appendix, summaries of federal and state/provincial statutes and state nonpoint management plans. [S.I.]: Gulf of Maine Council on the Marine Environment. (2 vols.: 38 p. & 59 p.)

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- Gulf of Maine Council on the Marine Environment. (1992?). *Annual report 1991/1992.* [S.I.]: Gulf of Maine Council on the Marine Environment. (12 p.) [Secretariat: New Brunswick Department of the Environment]

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 Location: <u>Library Environment Canada, Dartmouth NS; have copy (P. Hinch)</u>
- Gulf of Maine Council on the Marine Environment. (1992). *The nomination of the Gulf of Maine estuary to the National Estuary Program.* (34, 4 p.) Location: <u>Libraries</u>
- Gulf of Maine Council on the Marine Environment (1992). What is the Gulf of Maine EDIMS? [brochure]. [S.I.]: Gulf of Maine Council on the Marine Environment.

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- Kelly, Richard D. Jr. (1992). *Gulf of Maine watershed with major river basins [poster]*. [Augusta, ME]: Maine State Planning Office & Gulf of Maine Council on the Marine Environment. (18"x24") [Reprinted 1993; map revised 1999; reproduced in *Gulf of Maine Times* and other publications]

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Schmidt M. (1992). Gulf of Maine prototype information system user needs assessment and conceptual system design. Concord, NH: Gulf of Maine Council Secretariat, Data and Information Management Committee.

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Freshley, Craig (1993). A survey of marine related organizations in the Gulf of Maine Region:

Identifying regional priorities and sources of support for current activities. [S.I.]: Gulf of
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Gulf of Maine Council on the Marine Environment (1993?). *Annual report 1992/1993.* [S.I.]: Gulf of Maine Council on the Marine Environment. (12 p.) [Secretariat: Massachusetts Office of Environmental Affairs]

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 Location: http://www.hwaters.com/downloads/gomc_brochure.pdf

 http://www.gulfofmaine.org/council/publications/gomc_brochure_actionplan2001-2006.pdf
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- Arnold, Chester; Carlisle, Bruce, & Schloss, Jeff (2003). Concept paper: Land use. Northeast indicators workshop, January 6-8, 2004. (5 p.) [Background document for Northeast Coastal Indicators Workshop]

 Location: http://www.gulfofmaine.org/nciw/PDFs/CoastalDevelopment.pdf
 http://www.gulfofmaine.org/nciw/PDFs/ConceptualModels.pdf [6 papers]
- Atlantic Northeast Coastal Monitoring Summit ([2003]). Atlantic northeast coastal monitoring summit, December 10-12, 2002: Executive summary. Atlantic Northeast Coastal Monitoring Summit. (2 p.)

 Location: http://www.gulfofmaine.org/nciw/ANCMN02Exec_Summ.pdf

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 Location: http://www.gulfofmaine.org/nciw/PDFs/MonitInvenSupplement.pdf
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 Location: http://www.gulfofmaine.org/council/publications/gomc_ma_report2002-03.pdf
- Gulf of Maine Council on the Marine Environment. Science Translation Project (2003). Gulfwatch: Monitoring chemical contaminants in Gulf of Maine coastal waters [fact sheet]. [S.I.]: Gulf of Maine Council on the Marine Environment. (4 p.) Location: http://www.gulfofmaine.org/council/publications/gulfwatchfactsheet.pdf
- [Krahforst, C., & Jones, S. H.] ([2003]). Contaminants concept paper. Northeast Indicators Workshop, January 6-8, 2004. (4 p.) [Background document for Northeast Coastal Indicators Workshop; author names from S. Jones' publication list]

 Location: http://www.gulfofmaine.org/nciw/PDFs/ConceptualModels.pdf
 http://www.gulfofmaine.org/nciw/PDFs/ConceptualModels.pdf
- Mills, Elizabeth (2003). State of the Gulf report: Nutrient indicators. [S.I.]: Gulf of Maine Summit. (17 p.) [Background document for Gulf of Maine Summit]
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- Northeast Coastal Indicators Workshop (2003). *Bibliography of indicator reports*. (6 p.) [Background document for Northeast Coastal Indicators Workshop] Location: http://www.gulfofmaine.org/nciw/PDFs/IndicatorsBibliography.pdf

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- Northeast Coastal Indicators Workshop ([2003]). Fisheries in an ecosystem context. (5 p.) [Background document for Northeast Coastal Indicators Workshop]

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- Northeast Coastal Indicators Workshop ([2003]). *National indicator development initiatives.* (5 p.) [Background document for Northeast Coastal Indicators Workshop]

 Location: http://www.gulfofmaine.org/nciw/PDFs/NationalIndicatorDev.pdf
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- Taylor, Peter H. (2003). Mapping the undersea landscape: Using seafloor maps to improve management of the Gulf of Maine. [S.I.]: Gulf of Maine Council on the Marine Environment. (4 p.) [Reproduced in GOMMI: A Framework for Ocean Management] Location:

 http://www.gulfofmaine.org/knowledgebase/seafloor_mapping/docs/seafloor_mapping.pdf

Todd, Brian J.; Noji, Thomas; Snow-Cotter, Susan, & Valentine, Page C. (2003). *Provisional Strategic Plan: The Gulf of Maine Mapping Initiative: GOMMI.* (27 p.) [Draft version of "Gulf of Maine Mapping Initiative - A Framework for Ocean Management"]

Location: http://www.marinebiodiversity.ca/en/pdfs/gommi-feb03.pdf

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- CEF Consultants Ltd., & Collins, Norval (2004). *User needs assessment for the Gulf of Maine mapping initiative*. [Halifax, NS]: Gulf of Maine Council on the Marine Environment. (31 p.)

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 http://www.gulfofmainesummit.org/docs/Coastal%20Managers%20Survey%20Report.pdf
- Gulf of Maine Council on the Marine Environment (2004). *Action plan mid-term review*. [S.I.]: Gulf of Maine Council on the Marine Environment. (4 p.)

 Location: http://www.gulfofmainesummit.org/pdfs/Action%20Plan%20Review Press.pdf
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 Location:

http://www.gulfofmaine.org/habitatrestoration/documents/HabitatRestorationStrategyFinal.pdf http://www.gulfofmainesummit.org/docs/Habitat%20Restoration%20Strategy%20final%2010_1_04.pdf

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- Gulf of Maine Summit ([2004]). Gulf of Maine summit, St. Andrews, New Brunswick, October 26-29, 2004 [S.I.]: Gulf of Maine Council on the Marine Environment & Global Programme of Action Coalition for the Gulf of Maine. (1 sheet, folded) [Gulf of Maine Summit promotional brochure] Location: http://www.gulfofmainesummit.org/pdfs/draft Brochure9.pdf
- Gulf of Maine Summit (2004). Recognizing achievements, celebrating success: Background information on groups [Appendix to Tides of Change Across the Gulf, Ch. 7]. [S.I.]: Gulf of Maine Council on the Marine Environment & Global Programme of Action Coalition for the Gulf of Maine. (199 p.) [Background document for Gulf of Maine Summit; complied by Patricia Hinch; preliminary version on *Tides of Change* CD.1 Location: http://www.gulfofmaine.org/council/publications/GOMSummitAppendix2.pdf http://www.gulfofmainesummit.org/Achievments%20Survey%20Results/achievements.pdf
- Gulf of Maine Summit (2004). Regional ecosystem indicators for the Gulf of Maine (pre-Summit draft): Fisheries, contaminants, and coastal development. [S.I.]: Gulf of Maine Summit. (49 p.) [Background document for Gulf of Maine Summit] Location: http://www.gulfofmaine.org/council/publications/regionalecosystemindicatorspresummitdraft.pdf
- King, Patty, & MacKenzie, Christine (Eds.) ([2004]). Gulf of Maine summit: Committing to change. St. Andrews, New Brunswick, October 26-29, 2004. Summit report. [S.I.]: Gulf of Maine Council on the Marine Environment & Global Programme of Action Coalition for the Gulf of Maine. (20 p.; appendices on CD) Location: http://www.gulfofmainesummit.org/Summit%20Report/Summit%20Report.pdf links to Appendices A-K from http://www.gulfofmainesummit.org/report.html: http://www.gulfofmainesummit.org/Appendices/Appendix%20A.doc, etc.
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 Location: http://www.gulfofmainesummit.org/docs/GOMMI%20Strategic%20Plan Entire.pdf
- Northeast Coastal Indicators Workshop (2004). Developing a set of regional indicators.

 Northeast Coastal Indicators Workshop. (4 p.) [Fact sheet #1]

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- Northeast Coastal Indicators Workshop ([2004]). *Meeting summary, Durham, New Hampshire, January 6-8, 2004.* Northeast Coastal Indicators Workshop. (15 p., appendices: 168 p.) Location: http://www.gulfofmaine.org/nciw/FinalWorkshopSummary.pdf http://www.gulfofmaine.org/nciw/Appendices.pdf
- Pesch, Gerald G., & Wells, Peter G. (Eds.) (2004). *Tides of change across the Gulf: An environmental report on the Gulf of Maine and Bay of Fundy.* Boscawen, NH: Gulf of Maine Council on the Marine Environment & Global Programme of Action Coalition for the Gulf of Maine. (81 p. + CD) [Background document for Gulf of Maine Summit; Appendices incomplete on accompanying CD; updated versions on GOMC website]

 Location: http://www.gulfofmainesummit.org/docs/Tides%20of%20Change%20Across%20the%20Gulf.pdf

 http://www.gulfofmainesummit.org/docs/Tides%20of%20Change%20Across%20the%20Gulf.pdf

http://epe.lac-bac.gc.ca/100/200/301/environment can/tides change/tides change.pdf http://www.gulfofmaine.org/council/publications/GOMSummitAppendix1.pdf http://www.gulfofmaine.org/council/publications/GOMSummitAppendix2.pdf

Tripp, B.; Ernst, M., & Keeley, D. (2004). *Gulf of Maine science to management: Establishing research priorities in the Gulf of Maine. Final Report. GOMC-RARGOM theme meeting, South Portland, Maine, September 20, 2004.* [S.I.]: [Gulf of Maine Council on the Marine Environment]. (31 p. pdf)

Location: http://www.gulfofmaine.org/council/publications/researchpriorities.pdf

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Coon, John R. (2005). A survey and synthesis of significant U.S. law and priorities influencing governance in the Gulf of Maine region. [S.I.]: Gulf of Maine Council on the Marine Environment. (61 p., incl. appendices)

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http://www.gulfofmaine.org/council/publications/US Law and Priorities Gulf of Maine. pdf

http://www.gulfofmaine.org/council/publications/US Laws Appendix A.pdf http://www.gulfofmaine.org/council/publications/US Laws Appendix B.pdf http://www.gulfofmaine.org/council/publications/US Laws Appendix C.pdf Gulf of Maine Council / NOAA Habitat Restoration Partnership ([2005]). *Pemaquid salt marsh restoration, Bristol, Maine [fact sheet].* [S.I.]: National Oceanic and Atmospheric Administration & Gulf of Maine Council on the Marine Environment. (2 p.) Location: http://restoration.gulfofmaine.org/projects/factsheets/PemaquidFactSheet.pdf

Taylor, Peter (Ed.) (2005). Salt marshes of the Gulf of Maine: Long-term monitoring to assess human impacts and ecological condition [fact sheet]. [S.I.]: Gulf of Maine Council on the Marine Environment. (4 p.)

Location: http://www.gulfofmaine.org/habitatmonitoring/

http://www.gulfofmaine.org/habitatmonitoring/saltmarshflyer.pdf

http://www.gulfofmaine.org/habitatmonitoring/saltmarshflyer screen-res.pdf

Tyrrell, Megan C. (2005). *Gulf of Maine marine habitat primer.* [S.I.]: Gulf of Maine Council on the Marine Environment. (54 p.)

Location: http://www.gulfofmaine.org/habitatprimer/ [links from there to pdfs for the sections]

http://www.gulfofmaine.org/habitatprimer/frontmatter.pdf

http://www.gulfofmaine.org/habitatprimer/introduction.pdf

http://www.gulfofmaine.org/habitatprimer/physicalhabitats.pdf

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http://www.gulfofmaine.org/habitatprimer/habitatsfromhumanactivity.pdf

http://www.gulfofmaine.org/habitatprimer/conclusion.pdf

2006

Della Valle, Elizabeth A. (2006). *Gulf of Maine indicators: Draft final report of listening sessions and evaluation of tides of change report.* [S.I.]: Gulf of Maine Ecosystem Indicators Partnership. (65 p.)

Location: Have copy (P. Wells)

- Dollin, Philana; Fuller, Michael, & Lines, Gary (2006). *Gulf of Maine climate change network task force: Meeting report. March 22-23, 2006.* Dartmouth, NS: Environment Canada & Gulf of Maine Council on the Marine Environment. (48 p.) Location: Have copy (P. Wells)
- Gulf of Maine Council on the Marine Environment (2006). *Action plan 2006-2011: "First look bringing-it-together draft"*. [S.I.]: Gulf of Maine Council on the Marine Environment. (30 p.)

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Gulf of Maine Council on the Marine Environment (2006). Workshop Proceedings: Marine habitats in the Gulf of Maine: Assessing human impacts and developing management strategies. Walpole, Maine, September 21-22, 2005. [S.I.]: Gulf of Maine Council on the Marine Environment. (17 p.)

Location: Have copy (P. Wells)

Gulf of Maine Mapping Initiative (2006). *Summary: Gulf of Maine mapping initiative: 2006-2008 planning workshop, February 17, 2006, Boston, MA.* [S.I.]: Gulf of Maine Council on the Marine Environment. (11 p.)

Location:

http://www.gulfofmaine.org/gommi/docs/Summary GOMMI Planning Workshop FINAL web.pdf

Mills, Kathy E. (2006). A strategy for Gulf of Maine ecosystem indicators and state of the environment reporting. [S.I.]: Gulf of Maine Council on the Marine Environment. (55 p.) Location: Have copy (P. Wells)

Appendix B: Publications created with GOMC support (47 items)

B1 – Reports and background documents, for events held with GOMC support (24 items)

Ordered by meeting date

1993

Phelps, Donald K.; Brown, Wendell; Buchholtz ten Brink, Marilyn; Paul, John, & Rosen, Jeffrey S. (Eds.) (1993). *Gulf of Maine data and information systems: workshop proceedings: 3-5 November, 1993, the University of New Hampshire, Durham, New Hampshire.*Hanover, NH: Regional Association for Research on the Gulf of Maine. (204 p.) [RARGOM Report 93-1]
Location: SPO Library

1994

International Joint Commission (1994). *Atmospheric deposition to the Gulf of Maine: Interim Report [Workshop report, St. Andrews NB, June 21-22, 1994 and background paper].*Ottawa, ON: International Joint Commission. (47 p.)
Location: SPO Library

Gulf of Maine Symposium (1995). *Improving interactions between coastal science and policy:*Proceedings of the Gulf of Maine symposium, November 1-3, 1994, Kennebunkport, ME.

Washington, DC: National Academy Press. (260 p.)

Location: Central filing; http://darwin.nap.edu/books/NX001952/html/

1996

Percy, J. A..; Wells, P. G., & Evans, A. J. (Eds.) (1997). Bay of Fundy issues: A scientific overview. Proceedings of a workshop, Wolfville, NS., Jan. 29th to Feb. 1st, 1996.

Dartmouth, NS & Sackville, NB. Environment Canada, Atlantic Region. (191 p.)

[Occasional Report No. 8]

Location: Libraries; BoFEP index CD

Widoff, Lissa (Ed.) (1996). Bridging the gulf: A watershed of watersheds: A US and Canadian citizen's conference on environmental monitoring in the Gulf of Maine. Conference report, May 30 - June 1, 1996, Holiday Inn by the Bay, Portland, Maine. [S.I.]: Collaboration of Community Foundations in the Gulf of Maine. (100 p.) Location: SPO Library

Wallace, Gordon T., & Braasch, Eugenia F. (1997). Proceedings of the Gulf of Maine ecosystem dynamics: a scientific symposium and workshop, 16-19 September 1996, St. Andrews, New Brunswick. [Hanover, NH]: Regional Association for Research on the Gulf of Maine. (352 p.) [RARGOM Report 97-1]
 Location: SPO Library; Libraries; have copy (P. Hinch)

- Pederson, Judith, & Dorsey, Eleanor (Eds.) (1997). Effects of fishing gear on the sea floor of New England. Ashland, Massachusetts, May 30, 1997 [abstracts]. Cambridge, MA: MIT Sea Grant. (33 p.) [MITSG 97-15; \$10,000 grant, December 1996] Location: http://nsgl.gso.uri.edu/mit/mitw97001.pdf
- Pederson, Judith, & Dorsey, Eleanor (Eds.) (1998). Effects of fishing gear on the sea floor of New England. [Conference proceedings, Ashland, Massachusetts, May 30, 1997.].

 Boston, MA: Conservation Law Foundation & Massachusetts Institute of Technology Sea Grant College Program. (160 p.) [MITSG 98-4; \$10,000 grant, December 1996]

 Location: http://www.clf.org/general/index.asp?id=352

 http://nsgl.gso.uri.edu/mit/mitw97003/mitw97003index.html
- RARGOM (1997). Mechanisms for improving the integration of science and management in decisions affecting the environmental quality of the Gulf of Maine: workshop at Migis Lodge, Sebago Lake, Maine, June 2-3, 1997. [Hanover, NH]: Regional Association for Research on the Gulf of Maine. (6 p.) [RARGOM Report 97-2]

 Location: Central filing; http://www.rargom.org/Annual Reports/Migis final report.pdf
- Gulf of Maine Council on the Marine Environment & Marine Environmental Research Institute (1997). Coastal awareness forums. MERI issue book 1: Marine debris: How can we stop trashing our coastline? (October 16, 1997, Blue Hill Public Library). Brooklin, ME: Marine Environmental Research Institute. (33 p.)
 Location: Libraries U Maine Orono, Maine State Library
- Gulf of Maine Council on the Marine Environment & Marine Environmental Research Institute (1998). Coastal awareness forums. Forum report 1: Marine debris: How can we stop trashing our coastline? (October 16, 1997, Blue Hill Public Library). Brooklin, ME: Marine Environmental Research Institute. (12 p.)
 Location: SPO Library; Library U Maine Orono
- Gulf of Maine Council on the Marine Environment & Maine Environmental Research Institute (1997). Coastal awareness forums. MERI issue book 2. Clamming: Can the fishery be restored? (November 6, 1997, Blue Hill Public Library). Brooklin, ME: Marine Environmental Research Institute. (35 p.)
 Location: Library U Maine Orono
- Gulf of Maine Council on the Marine Environment & Maine Environmental Research Institute (1998). Coastal awareness forums. Forum report 2: Clamming: Can the fishery be restored? (November 6, 1997, Blue Hill Public Library). Brooklin, ME: Marine Environmental Research Institute. (23 p.)
 Location: SPO Library; Library U Maine Orono
- Gulf of Maine Council on the Marine Environment & Marine Environmental Research Institute (1997). Coastal awareness forums. MERI issue book 3. Fisheries co-management: Can fishermen manage themselves? (December 4, 1997, Blue Hill Public Library). Brooklin, ME: Marine Environmental Research Institute. (28 p.)
 Location: Library U Maine Orono

Gulf of Maine Council on the Marine Environment & Marine Environmental Research Institute (1998). Coastal awareness forums. Forum report 3: Co-management: Can fishermen manage themselves? (December 4, 1997, Blue Hill Public Library). Brooklin, ME: Marine Environmental Research Institute. (14 p.)
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1998

Patterson, Bryan, & Thompson, Gregory (1998). *The future of scallop enhancement:*Conference report. [April 24, 1998, Musquash, New Brunswick]. Lepreau, NB: Fundy North Fisherman's Association. (13 p.)

Location: http://www.gulfofmaine.org/library/conferences/fnfa 042498.pdf

Clean Annapolis River Project (1998). Community ecosystems initiatives workshop: Champlain Hall, Cornwallis Park Training and Convention Centre, Clementsport, Annapolis County, Nova Scotia, October 15-18, 1998. [S.I.]: (33 p.)
Location: Library - Environment Canada, Dartmouth NS

2000

Pesch, Gerald (Ed.) (2000). Establishing a framework for effective monitoring of the Gulf of Maine: Workshop report, 12-14 April, 2000, J. Erik Jonsson Center, Woods Hole, Massachusetts. Hanover, NH: Regional Association for Research on the Gulf of Maine. (9 p.) [RARGOM Report 00-1]
Location: Library: BIO, MBL-Woods Hole

- Shaw, Susan D. (2003). *Gulf of Maine forum 2002: Protecting our coastal and offshore waters.*November 1, 2002, Blue Hill, Maine. Summary report. Blue Hill, ME: Marine
 Environmental Research Institute. (21 p.)
 Location: Library Environment Canada, Dartmouth NS; have copy (P. Hinch)
- Shaw, Susan D. (Ed.) (2003?). Gulf of Maine forum 2002: Protecting our coastal and offshore waters. Proceedings of the Gulf of Maine forum, November 1, 2002, Blue Hill, Maine.

 Blue Hill, ME: Marine Environmental Research Institute. (108 p.)

 Location: Order from MERI
- Wells, P. G.; Daborn, G. R.; Percy, J. A.; Harvey J., & Rolston, S. J. (Eds.) (2004). Health of the Bay of Fundy: Assessing key issues, Proceedings of the 5th BoFEP Bay of Fundy science workshop and coastal forum, Wolfville, Nova Scotia, May 13-16, 2002.
 Dartmouth, NS: Environment Canada, Atlantic Region. (402 p.) [Occasional Report No. 21]
 Location: BoFEP Index CD; Libraries; have copy (P. Wells)

Wells, Peter G. (2004). Assessing health of the Bay of Fundy: Concepts and framework. Wells, P.G., & et al. (Eds.), In: Health of the Bay of Fundy: Assessing key issues, Proceedings of the 5th BoFEP Bay of Fundy science workshop and coastal forum, Wolfville, Nova Scotia, May 13-16, 2002. (pp. 1-40). Dartmouth, NS: Environment Canada, Atlantic Region [Used as a background document for the ANCM Summit. Also published in Marine Pollution Bulletin 46(9):1059-77, 2003].
Location: http://www.gulfofmaine.org/nciw/bay of fundy.pdf

Wells, P. G.; Harvey J.; Percy, J. A.; Daborn, G. R., & Rolston, S. J. (Eds.) (2005). The Bay of Fundy coastal forum: Taking the pulse of the bay. A GPAC-BoFEP coastal forum, held May 15-16, 2002, as part of the 5th BoFEP Bay of Fundy science workshop, Wolfville, Nova Scotia. Dartmouth, NS: Environment Canada, Atlantic Region. (42 p. (CD: 120 p.)) [Occasional Report No. 25]

Location: BoFEP Index CD;

http://www.bofep.org/PDFfiles/COASTAL FORUM WORKSHOP RPT.pdf

2004

Percy, J. A.; Evans, A. J.; Wells, P. G., & Rolston, Susan J. (Eds.) (2005). The changing Bay of Fundy: Beyond 400 years: Proceedings of the 6th Bay of Fundy workshop, Cornwallis, Nova Scotia, September 29th-October 2nd, 2004. Dartmouth, NS: Environment Canada, Atlantic Region. (386 p., (CD: 480 p.)) [Occasional Report No. 23]

Location: BoFEP Index CD; http://www.bofep.org/PDFfiles/BoFEP6thProceedings.pdf

B2 – Other items created with GOMC support (23 items or collections)

Date unknown

University of Maine Cooperation Extension ([N.d.]). *Protocol for volunteer intertidal habitat monitoring*. [S.l.]: Gulf of Maine Council on the Marine Environment. Location: ACAP St. Croix Library

1994

Pacheco, Percy A., & Pait, Anthony S. (1994). *Gulf of Maine point source inventory: A summary by watershed for 1991. The national coastal pollutant discharge inventory.* Silver Spring, MD: National Oceanic and Atmospheric Administration.

Location: SPO Library; Libraries; have copy (P. Hinch)

1995

- Bright, Sarah S. (1995). The wild gulf almanac: Educational resources about habitats and ecosystems in the Gulf of Maine watershed. [Wiscasset, ME]: Osprey Press of the Chewonki Foundation. (165, [6] p.) ["Produced by the Chewonki Foundation, the U.S. Fish and Wildlife Service Gulf of Maine Project, the Wells National Estuarine Research Reserve, with support from the National Fish and Wildlife Foundation, Gulf of Maine Council on the Marine Environment, and other matching grant contributors"] Location: SPO Library; Libraries; have copy (P. Hinch)
- Bright, Sarah S. (1995). The wild gulf: Teaching each other about the Gulf of Maine watershed:

 An introductory workbook and poster series. [Wiscasset, ME]: Osprey Press of the Chewonki Foundation. (15 p., 4 posters)

 Location: SPO Library
- McAdie, H. G. (1995). *Atmospheric deposition to the Gulf of Maine*. Ottawa, ON: International Joint Commission. (73 p.) [Produced with support from the IJC, USEPA, Environment Canada, GOMC and NOAA]

 Location: Libraries

- Banner, Arnold, & Hayes, Gerald (1996). Important habitats in coastal New Hampshire: A pilot project for the identification and conservation of regionally significant habitats. [S.I.]: US Fish and Wildlife Service Gulf of Maine Project. (74 p.) [Contains Identification of species for priority habitats, 1994 (Appendix B)]

 Location: http://www.gulfofmaine.org/library/gbay/gbay.htm (links to report & figures)
 - Location: http://www.gulfofmaine.org/library/gbay/report1.pdf (figures not included)
- Percy, J. A. (1996). *Fundy issues [fact sheets].* Annapolis Royal, NS: Clean Annapolis River Project. [Produced with support from GOMC and BoFEP.
 - #1 Heeding the Bay's cry: the Bay of Fundy Ecosystem Project (4 p.)
 - #2 Tides of change: natural processes in the Bay of Fundy (4 p.)
 - #3 Sandpipers and sediments: shorebirds in the Bay of Fundy (4 p.)

#4 The seaweed forest: rockweed harvesting in the Bay of Fundy (4 p.)

#5 Dredging Fundy's depths: seabed mining in the Bay of Fundy (4 p.)

#6 Right whales, wrong places? North Atlantic right whales in the Bay of Fundy (4 p.)

#7 Farming Fundy's fishes: aquaculture in the Bay of Fundy (4 p.)

#8 Fundy's watery wastes? pollution in the Bay of Fundy (6 p.)

#9 Dykes, dams and dynamos: the impacts of coastal structures (6 p.)

#10 Expanding Fundy's harvest: targeting untapped treasures (6 p.)]

Location: http://www.bofep.org/fundy_issues.htm

Purinton, Timothy A., & Mountain, David C. (1996). *Tidal crossing handbook: A volunteer guide to assessing tidal restrictions*. Byfield, MA: Parker River Clean Water Association. (69 p.) [\$6,132 NGO grant, December 1996, for a tidal crossing assessment and public outreach program on salt marsh habitat]

Location: SPO Library; http://www.parker-river.org/tides/Handbook/

1997

Center for Coastal Studies (1997). Right whales on the brink / Right whales: Guidelines for mariners [brochure and laminated insert]. (4 p.; 2 p.) [Funded by Massachusetts Port Authority, NOAA, the Center for Coastal Studies (Provincetown MA), GOMC & IFAW; distributed by US Coast Guard]

Location: Have copy (P. Hinch);

http://www.ifaw.org/ifaw/dfiles/file 163.pdf [brochure only]

Goodman, Nancy (Ed.?) (1997). *Salem sound 2000 monitor [newsletter]*. [Salem, MA]: Salem Sound 2000. [\$7,500 NGO grant, December 1996, for a volunteer pollution control program]

Location: SPO Library (Jan. 1997 issue)

1998

Boston Harbor Association (1998). *Citizens guide to protecting natural resources of Boston Harbor*. [Boston, MA]: Boston Harbor Association. (12 p.) [Also published in Spanish; NGO grant]

Location: SPO Library

Moore, B., & Sheehan, E. (1998). Fisheries on the air [sound recording]: Wiscasset, ME & Portland, ME: Coastal Enterprises, Inc. & Maine Public Radio (1 audiocassette & booklet). [Supported by a GOMC NGO grant; 5 reports:

Diversity or die: Times of change for seafood processors

Bringing back the Atlantic cod

Stonington: Community in transition

Hagfish

Fishing for science]
Location: <u>Libraries</u>

Nova Scotia Organic Growers Association ([1998]). *Reducing nutrient loss with catch crops: Final report.* [S.I.]: Nova Scotia Organic Growers Association (17 p.) [\$4,762 NGO grant for research and education project]

Location: SPO Library

University of Maine Cooperative Extension ([1998]). Hands on learning about marine habitats and marine ecology with students around the Gulf of Maine. [Orono, ME]: University of Maine Cooperative Extension. [NGO grant to develop marine habitat and ecology materials for teachers]

Location: SPO Library

1999

Gulf of Maine Council on the Marine Environment, Dept. of Fisheries and Oceans Habitat Management Branch, Canadian Coast Guard, & New Brunswick School District 12. (1999). Revive our rivers: the Meduxnekeag story [video]. Keswick Ridge, N.B. Outreach Productions (1 videocasette, 8 min 22 sec.) [\$10,000 grant December 1996 to Partners with the Meduxnekeag, Woodstock NB, to develop an informational video; "Produced in cooperation with: Gulf of Maine Council on the Marine Environment, New Brunswick School District 12, The Department of Fisheries and Oceans, Habitat Management Branch and the Canadian Coast Guard."]

Location: Library - Fisheries & Oceans Canada, Moncton NB

2000

Jones, Stephen H., & Landry, Natalie (2000). The New Hampshire Gulfwatch program, 1998: A part of the eighth year of the Gulf of Maine environmental monitoring plan. [Concord, NH]: New Hampshire Dept. of Environmental Services. (57 p.) [Funded by NH Dept. Environmental Services & GOMC]
Location: Library - U. New Hampshire

Education. Library - O. New Tie

2002

Buchholtz ten Brink, M. R.; Manheim, F. T.; Mecray, E. L.; Hastings, M. E., & Currence, J. M. (2002). Contaminated sediments database for the Gulf of Maine. [S.I.]: US Geological Survey. [USGS Open-file Report No. 02-403; GOMC Data & Information Management Committee in list of collaborating, participating, and supporting agencies]

Location: http://pubs.usgs.gov/of/2002/of02-403/

2003

MacDonald, Richard; Springuel, Natalie; Earle, Dan; Hutchins, Sue; Teller, Tom; DeForrest, Bob, et al. (2003). *Celebrating our coastal heritage: Gulf of Maine expedition 2002, final report.* Bar Harbor, ME & Yarmouth, NS: Gulf of Maine Expedition. [\$5000 grant from GOMC & coverage in *Gulf of Maine Times*]

Location: http://www.gomexpedition.org/GOMExpeditionFinalReport.pdf

Pacific Marine Conservation Council, Gulf of Maine Council on the Marine Environment, & Northwest Fisheries Science Center (U.S.) (2003). *FishResearch.org [website]* [Web Page]. [Accessed: 2006, July 18; GOMC listed as a "Partner", http://www.fishresearch.org/who.asp].

Location: http://www.fishresearch.org/

Taylor, Peter H. (2004). *Green gold: Scientific findings for management of Maine's sea urchin fishery.* Boothbay Harbor, ME: Maine Dept. of Marine Resources. (32 p.) [Partial funding from GOMC Science Translation Project]

Location: http://mainegov-images.informe.org/dmr/rm/seaurchin/Sea%20Urchin%20Final.pdf

2005

Drociak, Jen, & Bottitta, Grace (2005). *A volunteer's handbook for monitoring New Hampshire's salt marshes*. Portsmouth, NH: New Hampshire Dept. of Environmental Services. (65 p.) [WD-04-21; 2003, revised 2004 & 2005; funding from GOMC & NOAA] Location: http://www.des.state.nh.us/Coastal/Resources/documents/AVolunteerHandbook.pdf

van Proosdij, Danika, & Dobek, Peter (2005). *Bay of Fundy tidal barriers project: Nova Scotia pilot project.* [Halifax, NS]: Bay of Fundy Ecosystem Partnership, Environment Canada, GOMC & St. Mary's University.

Location: Have CD (P. Hinch)

2006

Comeau, Janice (2006). *Annapolis River watershed pesticide inventory report.* Annapolis Royal, NS: Clean Annapolis River Project. (67 p.) [Funding from GOMC and the Government of Canada]

Location: http://www.annapolisriver.ca/downloads/pesticidereportfinal.pdf

Appendix C: Reprints from GOMC authors or sources (14 items)

1990

Van Dusen, Katrina, Hayden Johnson, Anne, & Adams, Victoria (1990). *Our fragile gulf.* [S.I.]: Gulf of Maine Council on the Marine Environment. (7 p.) [Reprint of two articles from *Maine Boats & Harbors Magazine*, Spring 1990].

Location: SPO Library; have partial copy (P. Hinch)

1996

Mucklow, Laura (1996). Effects of season and species on physiological condition and contaminant burdens in mussels (Mytilus edulis L. and Mytilus trossulus G.): Implications for the Gulfwatch program. [S.I.]: Gulf of Maine Council on the Marine Environment. (125 p.) [Reprint of Dalhousie MES thesis; original subtitle is "Implications for mussel watch programs"].

Location: Libraries

1999

Fried, Suzy (1999). Gulfwatch: Putting a little mussel into Gulf of Maine marine monitoring.

Granville Ferry, NS: Bay of Fundy Ecosystem Partnership. (8 p.) [Fundy Issues #12].

[Reprinted, with minor revisions, from Gulf of Maine Times, Winter 1998].

Location: http://www.bofep.org/gulfwach.htm

2002

Taylor, Peter H. (2002). The space between: Lying at the edge of land and water, riparian habitats play a crucial role in the ecosystem. [S.I.]: Gulf of Maine Council on the Marine Environment, Science Translation Project. (2 p.) [Reprinted from Gulf of Maine Times, Fall 2002].

Location: http://www.gulfofmaine.org/council/publications/scienceinsights/riparianbuffers.pdf

Nedeau, Ethan (2002). *The silencing of the loons?* [S.I.]: Gulf of Maine Council on the Marine Environment, Science Translation Project. (2 p.) [Reprinted from *Gulf of Maine Times*, Winter 2002].

Location: http://www.gulfofmaine.org/council/publications/loonsandmercurysciinsights.pdf

2003

Taylor, Peter H. (2003). Mapping the undersea landscape: Technologically advanced maps of sea floor habitats are becoming vital tools for ocean management. [S.I.]: Gulf of Maine Council on the Marine Environment, Science Translation Project. (2 p.) [Reprinted from *Gulf of Maine Times*, Spring 2003].

Location: http://www.gulfofmaine.org/council/publications/seafloormappingsciinsights.pdf

Love, Rebecca (2003). *Right whale tail gets lassoed.* [Reprinted from *Gulf of Maine Times*, Summer 2003; Web page accessed 2006, June 12]. Location:

http://www.umaine.edu/MechEng/peterson/Research/Cetecean%20Biomechanics/rightwhale study.html.pdf

Nedeau, Ethan (2003). *The amazing alewife*. [S.I.]: Gulf of Maine Council on the Marine Environment, Science Translation Project. (2 p.) [Reprinted from *Gulf of Maine Times*, Summer 2003].

Location: http://www.gulfofmaine.org/council/publications/alewifesciinsights.pdf

Taylor, Peter (2003). Salt marsh restoration: What scientists are discovering. [S.I.]: Gulf of Maine Council on the Marine Environment, Science Translation Project. (2 p.) [Reprinted from *Gulf of Maine Times*, Fall 2003].

Location: http://www.gulfofmaine.org/council/publications/saltmarshsciinsights.pdf

Nedeau, Ethan (2003). Environmental indicators: As environmental red flags, indicators reveal marine changes. [S.I.]: Gulf of Maine Council on the Marine Environment, Science Translation Project. (2 p.) [Reprinted from Gulf of Maine Times, Winter 2003]. Location: http://www.gulfofmaine.org/summit/Indicators.pdf
http://www.gulfofmaine.org/council/publications/indicatorssciinsights.pdf

Taylor, Peter H. (2003). Mapping the ledge: Scientists and fishermen collaborate to understand the ecological effects of an ocean fishery closure on Jeffreys Ledge. *New Hampshire Wildlife Journal*, p. 13-15, 22. [Article posted on GOMC website] Location:

http://www.gulfofmaine.org/knowledgebase/seafloor mapping/docs/Mapping the Ledge.pdf

2004

Taylor, Peter H. (2004). *Data sharing and management: A convergence of science, technology and policy promises a new view of the Gulf.* [S.I.]: Gulf of Maine Council on the Marine Environment, Science Translation Project. (2 p.) [Reprinted from *Gulf of Maine Times*, Spring 2004].

Location: http://www.gulfofmaine.org/summit/DataSharinginGOM.pdf
http://www.gulfofmaine.org/council/publications/scienceinsights/datasharing.pdf

Nedeau, Ethan (2004). Goodbye to the ice pond of old? What the thawing and freezing of lakes can tell us about climate change. [S.I.]: Gulf of Maine Council on the Marine Environment, Science Translation Project. (2 p.) [Reprinted from Gulf of Maine Times, Summer 2004].

Location: http://www.gulfofmaine.org/summit/ClimateChange.pdf
http://www.gulfofmaine.org/council/publications/scienceinsights/climatechange.pdf

2005

Bull, Arthur (2005?). *Gulf voices: Supporting community-based marine management.* Waterloo, ON: Tamarack. [Excerpted from <u>Gulf voices: The saltwater network</u> by Arthur Bull. *Gulf of Maine Times*, Winter 2004; Web page accessed 2006, June 12]. Location: http://tamarackcommunity.ca/downloads/comscollaborating/saltwater.pdf

Appendix D: Conference papers, abstracts and journal articles, based on GOMC projects (32 items)

Ordered by meeting date or journal publication date

1990

Barchard, W. W., & Johnson Hayden, A. C. (1990). Design of the Gulf of Maine marine environmental quality monitoring program. In: Harding, L.E. (Ed.), *Monitoring status and trends in marine environmental quality. Proceedings of a symposium in conjunction with the 17th annual aquatic toxicity workshop, Vancouver BC, November 5-8, 1990.* (pp. 169-171). Vancouver, BC: Polestar Communications. Location: Libraries

1991

Gulf of Maine Council on the Marine Environment. (1993). [GOMC presentation]. In: Katona, S.K., & Steuer, K.L. (Eds.), Managing marine mammals in the Gulf of Maine: Proceedings of the north Atlantic marine mammal association workshop, April 24-26, 1991, Boston, MA.

Location: Central filing

Underwood, Peter; Waterman, Melissa, & Keeley, David. (1991). Building a regional consensus for ecosystem management. The Gulf of Maine experience. In: Magoon, O.T., & et al. (Eds.), Coastal zone '91: Proceedings of the 7th symposium on coastal and ocean management, Part 1 (of 4), Long Beach, CA, USA, July 8-12, 1991. (pp. 865-872). New York: American Society of Civil Engineers. Location: Libraries

1994

Waterman, Melissa. (1995). The Gulf of Maine action plan. In: Blake, G.H., & et al. (Eds.), The peaceful management of transboundary resources. [Proceedings of the third conference of the International Boundaries Research Unit held at St. Aidan's College at Durham University from 14-17 April 1994]. (pp. 349-356). London, Boston: Graham & Trotman, Martinus Nijhoff [International Environmental Law and Policy Series]. Location: Libraries

Sowles, John W., & Gulf of Maine Monitoring Committee. ([1994]). Gulfwatch: Assessing toxic contamination in the Gulf of Maine [poster abstract]. In: Wells, P.G., & Ricketts, P.J. (Eds.), Coastal zone Canada '94: Cooperation in the coastal zone: Conference proceedings, September 20-23, 1994, World Trade and Convention Centre, Halifax, Nova Scotia, Canada. Vol. 5. (p. 2379). [Dartmouth, NS]: Coastal Zone Canada Association.

Location: Libraries

Waterman, Melissa. (1995). Marine protected areas in the Gulf of Maine. *Natural Areas Journal*, *15*(1), 43-49.

Location: Central filing; Libraries

1996

- Mucklow, Laura C. (1997). Effects of season and species on physiological condition and contaminant burdens in mussels (*Mytilus edulis L.* and *Mytilus trossulus G.*) in the Bay of Fundy: implications for the Gulfwatch program [poster abstract]. In: Wallace, G., & Braasch, E. (Eds.), *Proceedings of the Gulf of Maine ecosystem dynamics scientific symposium and workshop, September 16-19, 1996.* (p. 305). Hanover, NH: Regional Association for Research on the Gulf of Maine [RARGOM Report 97-1]. Location: Libraries; have copy (P. Hinch)
- Sowles, J.; Harding, G.; Jones, S. H.; Hennigar, P., & Crawford, R. (1997). Toxic contamination in *Mytilus edulis* at Gulf of Maine sites monitored by Gulfwatch.[poster abstract]. In: Wallace, G., & Braasch, E. (Eds.), *Proceedings of the Gulf of Maine ecosystem dynamics scientific symposium and workshop, September 16-19, 1996.* (p. 314). Hanover, NH: Regional Association for Research on the Gulf of Maine [RARGOM Report 97-1].

Location: Libraries; have copy (P. Hinch)

1997

- Chase, M. E., & Jones, S. H. (1997). Gulfwatch: Monitoring metal and organic contamination in *Mytilus edulis* throughout the Gulf of Maine [abstract]. In: *Abstract of the 25th annual benthic ecology meeting, April 3-6, 1997, Portland ME.*Location: [Text of abstract in *First Five Years of Gulfwatch*, Appendix A]
- Jones, S. H., & Sowles, J. (1996). Gulfwatch's contribution to the management of the Gulf of Maine [abstract]. In: Miller, M.C., & Cogan, J. (Eds.), Coastal zone 97: The next 25 years, charting the future of coastal zone management. Abstracts of presentations, the Boston Park Plaza Hotel, Boston, Massachusetts, July 19-25, 1997. [Vicksburg, MS]: [US Army Engineer Waterways Experiment Station]. Location: SPO Library; Libraries; [Text of abstract in First Five Years of Gulfwatch, Appendix A]
- Jones, Stephen H.; Chase, Margo; Sowles, John; Hennigar, Peter; Robinson, William; Crawford, Robert, et al. (1997). Gulfwatch: a five year mussel monitoring program in the Gulf of Maine [abstract]. In: *The state of our estuaries: Abstracts of the 14th biennial estuarine research federation international conference. October 12-16, 1997, Providence RI.* (p. 91).

Location: Libraries; [Text of abstract in First Five Years of Gulfwatch, Appendix A]

Brody, S., & Fenton, D. (1998). Building a marine protected areas network in the Gulf of Maine: An ecosystem approach to management. In: Burt, M.D.B., & Wells P.G. (Eds.), Coastal monitoring and the Bay of Fundy. Proceedings of the Maritime Atlantic Ecozone Science Workshop, held in St. Andrews NB, November 11-15, 1997. (pp. 45-46). St. Andrews, NB & Dartmouth, NS: Huntsman Marine Science Centre & Environment Canada.

1998

Cornelisen, C. D., & Snow-Cotter, S. (1998). Improving coastal habitat restoration projects through information exchange and consistent monitoring programs. In: *Goal setting and success: Criteria for habitat restoration: January 13-15, 1998, Charleston, SC.* Charleston, SC: NOAA Coastal Services Center. Location: Libraries

Location: Libraries; BoFEP index CD

Cornelisen, C. D., & Snow-Cotter, S. (1998). Restoration of coastal habitats and species in the Gulf of Maine: A regional perspective. In: *Minding the coast: It's everybody's business. Proceedings of the 16th international conference of the Coastal Society, July 12-15, 1998, Williamsburg, Virginia.* Alexandria, VA: Coastal Society. Location: Libraries

- Jones, S., Chase, M., Sowles, J., Hennigar, P., & Wells, P. (1999). Spatial trends for toxic contaminants in *Mytilus edulis* from the Gulf of Maine [abstract]. [91st annual meeting of the National Shellfisheries Association, Halifax, NS (Canada), April 18-22, 1999]. *Journal of Shellfish Research*, 18(1), 330. Location: Libraries
- Hennigar, P.; Jones, S.; Chase, M.; Sowles, J., & Wells, P. G. (1999). Toxic contaminants in Mytilus edulis from the Gulf of Maine [poster abstract]. In: Ollerhead, J.; Hicklin, P.W.; Wells, P.G., & Ramsey, K. (Eds.), Understanding Change in the Bay of Fundy Ecosystem. Proceedings of the 3rd Bay of Fundy Science Workshop, Sackville, NB, April 22-24, 1999. (p. 73). Dartmouth, NS & Sackville, NB: Environment Canada, Atlantic Region [Occasional Report No. 12].
 Location: BoFEP Index CD; http://www.bofep.org/workshop/work99/poster1.html
- Monette, Anne E., & Wells, Peter G. (1999). Evaluating measures of sub-lethal stress in *Mytilus* spp. for contaminant monitoring in the Gulf of Maine and Bay of Fundy ecosystem. In: Ollerhead, J.; Hicklin, P.W.; Wells, P.G., & Ramsey, K. (Eds.), *Understanding Change in the Bay of Fundy Ecosystem. Proceedings of the 3rd Bay of Fundy Science Workshop, Sackville, NB, April 22-24, 1999.* (p. 74). Dartmouth, NS & Sackville, NB: Environment Canada, Atlantic Region [Occasional Report No. 12]. Location: BoFEP Index CD; http://www.bofep.org/workshop/work99/poster1.html

- Jones, S. H., Chase, M., Sowles, J., Hennigar, P., Landry, N., Wells, P. G., et al. (2001). Monitoring for toxic contaminants in *Mytilus Edulis* from New Hampshire and the Gulf of Maine. [Third international conference on molluscan shellfish safety. 19-24 June, 2000, Southampton, NY]. *Journal of Shellfish Research*, 20(3), 1203-1214. Location: <u>Libraries</u>
- Hennigar, P.; Chase, M.; Harding, G.; Jones, S.; Sowles, J., & Wells, P. G. (2001). Dioxins/furans and chlorobiphenyls in *Mytilus edulis* from the Gulf of Maine [paper abstract]. In: Chopin, T., & Wells, P.G. (Eds.), *Opportunities and Challenges for Protecting, Restoring and Enhancing Coastal Habitats in the Bay of Fundy. Proceedings of the 4th Bay of Fundy Science Workshop, Saint John, NB, Sept. 19-21st, 2000. (p. 139). Dartmouth, NS & Sackville, NB: Environment Canada, Atlantic Region [Occasional Report No. 17]. Location: BoFEP Index CD http://www.bofep.org/ws%202000.htm#Dioxins/Furans%20And%20Chlorobiphenyls*
- Monette, Anne E. (2001). A framework for cooperative marine monitoring: Collaboration between Gulfwatch and Atlantic Coastal Action Program initiatives in the Bay of Fundy [poster abstract]. In: Chopin, T., & Wells, P.G. (Eds.), Opportunities and Challenges for Protecting, Restoring and Enhancing Coastal Habitats in the Bay of Fundy. Proceedings of the 4th Bay of Fundy Science Workshop, Saint John, NB, Sept. 19-21st, 2000. (p. 212). Dartmouth, NS & Sackville, NB: Environment Canada, Atlantic Region [Occasional Report No. 17]. Location: BoFEP Index CD

http://www.bofep.org/ws%202000.htm#A%20Framework%20for%20Cooperative%20 Marine%20Monitoring

2001

- Schroeder, Paul C, Boudreau, Paul R, Brehme, Chris E W, Boyce, Andrew M, Evans, Alison J, & Rahmani, Aviva. (2001). The Gulf of Maine environmental information exchange: Participation, observation, conversation. *Environment and Planning B: Planning and Design*, 28(6), 865-887. Location: Libraries
- Chase, M. E., Jones, S. H., Hennigar, P., Sowles, J., Harding, G. C. H., Freeman, K., et al. (2001). Gulfwatch: Monitoring spatial and temporal patterns of trace metal and organic contaminants in the Gulf of Maine (1991-1997) with the blue mussel, *Mytilus Edulis L. Marine Pollution Bulletin*, 42(6), 491-505.

Location: Libraries; have reprint (P. Hinch)

Bredin, Kate A.; Gerriets, Stefan H., & Van Guelpen, Lou. (2004). Distribution of rare, endangered and keystone marine vertebrate species in Bay of Fundy seascapes. In: Wells, P.G.; Daborn, G.R.; Percy, J.A.; Harvey J., & Rolston, S.J. (Eds.), Health of the Bay of Fundy: Assessing Key Issues, Proceedings of the 5th BoFEP Bay of Fundy Science Workshop and Coastal Forum, Wolfville, Nova Scotia, May 13–16, 2002. (pp. 83-98). Dartmouth, NS: Environment Canada, Atlantic Region [Occasional Report No. 21].

Location: Libraries; have copy (P. Wells); BoFEP Index CD

Jones, Stephen; Schwartz, Jack; Harding, Gareth; Brun, Guy; Chase, Margo; Krahforst, Christian, et al. (2002). Use of blue mussels *Mytilus edulis* as an indicator of the level and extent of mercury contamination in the Gulf of Maine [abstract]. In: *Abstracts. 4th international conference on molluscan shellfish safety, Santiago de Compostela, Spain. June 4-8, 2002.* (p. 75).

Location: http://www.atlanticocongresos.com/moluscos/prog.html [abstracts.zip]

Jones, S. H. (2003). Gulfwatch: Toxic chemical monitoring in the Gulf of Maine using blue mussels (Mytilus edulis). In: Shaw, S.D. (Ed.), The Gulf of Maine forum: Protecting our coastal and offshore waters. Proceedings of the Gulf of Maine Forum, Blue Hill, Maine, November 1, 2002. Blue Hill, ME: Marine Environmental Research Institute. Location: Order from MERI

- Kachmar, Jon L. (2004). Restoring habitats in the Gulf of Maine. In: *Measure for measure:*How do we gauge coastal stewardship? TCS 19, Newport Rhode Island, May 23-26 2004. Coastal Society.

 Location: <a href="http://nsgl.gso.uri.edu/riu/riuc04001/riuc04001/riuc04001/niuc04001/riuc04001/riuc04001/riuc04001/niuc0
- Wiggin, Jack, & Courtney, Fara. (2004). Ocean zoning for the Gulf of Maine [abstract]. In: Measure for measure: How do we gauge coastal stewardship? TCS 19, Newport Rhode Island, May 23-26, 2004. Coastal Society.

 Location: http://nsgl.gso.uri.edu/riu/riuc04001/riuc04001 part7.pdf [p. 42 of the pdf for Part 7]
- Hinch, Patricia R.; Wells, Peter G., & Jones, Stephen H. (2005). Sewage management in the Gulf of Maine: Implementing recommendations of the 2002 Halifax workshop. In: Percy, J.A.; Evans, A.J.; Wells, P.G., & Rolston, S.J. (Eds.), The changing Bay of Fundy: Beyond 400 years: Proceedings of the 6th Bay of Fundy Workshop, Cornwallis, Nova Scotia, September 29th-October 2nd, 2004 [CD version]. (p. 432). Dartmouth, NS: Environment Canada, Atlantic Region [Occasional Report No. 23]. Location: BoFEP Index CD; http://www.bofep.org/PDFfiles/BoFEP6thProceedings.pdf

Wells, Peter G.; White, Louise; Jones, Stephen H.; Krahforst, Christian; Harding, Gareth; Hennigar, Peter, et al. (2005). Nine-year review of Gulfwatch in the Gulf of Maine: Trends in tissue contaminant levels in the blue mussel, *Mytilus edulis L.*, 1993—2001 [poster abstract]. In: Percy, J.A.; Evans, A.J.; Wells, P.G., & Rolston, S.J. (Eds.), *The changing Bay of Fundy: Beyond 400 years: Proceedings of the 6th Bay of Fundy workshop, Cornwallis, Nova Scotia, September 29th-October 2nd, 2004 [CD version].* (pp. 430-431). Dartmouth, NS: Environment Canada, Atlantic Region [Occasional report No. 23].

Location: <u>BoFEP Index CD</u>; <u>http://www.bofep.org/PDFfiles/BoFEP6thProceedings.pdf</u> <u>http://www.gulfofmaine.org/gulfwatch/docs/gulfwatchposter.pdf</u> [poster]

Jones, Steven; White, Louise; Hennigar, Peter; Wells, Peter; Krahforst, Christian; Harding, Gareth, et al. (2004?). Spatial and temporal trends of toxic contaminants in tissues of blue mussel, *Mytilus Edulis*, in the Gulf of Maine: 1993 - 2001[conference poster]. [Conference not known].

Location: Have printout of poster (P. Hinch)

2006

- Ellis, Sara L.; Noji, Thomas T.; Snow-Cotter, Susan A.; Todd, Brian J.; Valentine, Page, & Tyrrell, Megan C. (2006). Gulf of Maine mapping initiative: A framework for regional fisheries research and management. In: Adams, C. (Compiler), *Geographic information sytems and ocean mapping in support of fisheries research and management. April 11, 2006, MIT, Cambridge MA*. (pp. 105-106). MIT Sea Grant College Program & NOAA/NMFS Northeast Fisheries Science Center. Location: http://web.mit.edu/seagrant/GIS06/GIS06-AbstractBooklet.pdf
 http://www.gulfofmaine.org/gommi/docs/GOMMI GIS Fisheries Poster FINAL.ppt
- Shyka, Tom; Bogden, Philip, & McIlhagga, Dave. (2006). Gulf of Maine spatial data project: Sharing and integrating maps in the Gulf of Maine in support of resource management. In: Adams, C. (Compiler), Geographic information sytems and ocean mapping in support of fisheries research and management. April 11, 2006, MIT, Cambridge MA. (pp. 22-23). MIT Sea Grant College Program & NOAA/NMFS Northeast Fisheries Science Center.

Location: http://web.mit.edu/seagrant/GIS06/GIS06-AbstractBooklet.pdf

Appendix E - ISBNs and ISSNs

ISBNs - International Standard Book Numbers

"The International Standard Book Number (ISBN) is a system of numerical identification for books, pamphlets, educational kits, microforms, CD-ROM and other digital and electronic publications. Assigning a unique number to each published title, provides that title with its own, unduplicated, internationally recognized identifier. Publishers, booksellers, libraries and others in the book industry use ISBNs in order to expedite the handling and retrieval of publications." An ISBN applies to a single item (a book, report, video, etc.). Versions published in other formats (including electronic) and revised editions should each have their own ISBN. If a book is part of a series, it may also have an ISSN identifying the series. Libraries treat GOMC's annual reports and *Evaluation of Gulfwatch* reports as serials.

An ISBN, always printed as "ISBN" followed by the number, should appear on the copyright page. Commercial publishers also print it on the back cover above the bar code.

In each country or region of the world an ISBN agency assigns ISBNs at the request of publishers, including associations with publishing programs.

ISBNs in the US

The US agency, Bowker, charges fees to American publishers:

10 ISBNs: \$ 269.95 100 ISBNs: \$ 914.95 1000 ISBNs: \$1429.95 10,000 ISBNs: \$3399.95

Each publisher should acquire its own block of ISBNs. Since ISBNs encode information about the publisher, there is potential for confusion if an ISBN from a block that belongs to one publisher is used by another. When a new title is being published, the publisher assigns an ISBN from the block and reports the title

⁶ Library and Archives Canada; www.lac-bac.gc.ca/isbn/index-e.html

⁷ ISBNs consist of 10 digits, divided into four parts of variable length, each part separated by a hyphen: - Group or country identifier which identifies a national or geographic grouping of publishers; - Publisher identifier which identifies a particular publisher within a group; - Title identifier which identifies a particular title or edition of a title; - Check digit is the single digit at the end of the ISBN which validates the ISBN (www.isbn.org/standards/home/isbn/us/isbnqa.asp).

¹³ digit ISBNs will be required as of January 1, 2007. The prefix 978 will be added to the current ISBN-10 and the check digit will be recalculated, e.g.: ISBN-10 1-56619-909-3; ISBN-13 978-1-56619-909-4 (www.isbn.org/standards/home/isbn/transition.asp). Items published in 2006 should have both an ISBN-10 and the corresponding ISBN-13.

information to Bowker to register it. Details and application forms are available at www.isbn.org/standards/home/index.asp.

No evidence of US ISBNs has been found in any GOMC publications, and it seems unlikely that GOMC has ever applied for ISBNs. To be sure, the print directory *Publishers, Distributors & Wholesalers of the United States* should be checked.

ISBNs in Canada

Library and Archives Canada supplies ISBNs to Canadian publishers at no cost. The publisher must provide the title(s) of the new item(s), along with information about previously obtained ISBNs and an estimate of the number of publications planned in the next three to five years. Details and application form are available at www.lac-bac.gc.ca/isbn/index-e.html.

Three GOMC publications have Canadian ISBNs:

- ISBN 0-662-33594-5 Sewage Management in the Gulf of Maine
- ISBN 0-662-38258-7 Tides of Change Across the Gulf
- ISBN 0-9737956-0-3 Gulf of Maine Summit: Committing to Change

The first two of these ISBNs were obtained from the Environment Canada Library. The Canadian ISBN Publishers' Directory (www.lac-bac.gc.ca/isbndir-bin/isbn-search) shows that the "662" prefix belongs to Canadian Government Publishing, Communication Canada. The same directory shows that the editors of the Summit report obtained its ISBN in the name of the Council. Here is the directory entry:

Gulf of Maine Council on the Marine Environment

153 Charles Rd. Timberlea, NS B3T 1N3

Telephone: (902) 876-1160

Fax: (902) 876-1320

E-mail: pmdservices@eastlink.ca
Web Site: www.gulfofmaine.org

ISBN Prefix: 0-9737956

Date of registration: 2005-04-01 Date of last contact: 2005-04-01

When applying for additional Canadian ISBNs, supply the ISBN of the Summit report, but update the GOMC contact information.

ISSNs – International Standard Serial Numbers

The ISSN is an eight-digit number which identifies periodical publications, including electronic serials. An ISSN applies to a single periodical title. It should only be changed when the title of the publication changes, not changes in publisher, address, etc.

ISSNs are available at no cost from national agencies:

- Library and Archives Canada (www.collectionscanada.ca/issn/index-e.html) (apply online)
- Library of Congress (<u>www.lcweb.loc.gov/issn/</u>) (print and mail form)

The US agency issues separate ISSNs for print and electronic versions of a publication, but it appears that the Canadian agency may just assign one.

The ISSN should appear in a prominent position on all issues of a serial publication. For printed serials, the ISSN should appear on the top right-hand corner of the front cover, or in the masthead. For electronic serials, the ISSN should appear on the first screen of the item. It should also be noted in all descriptive and promotional literature regarding the serial. The number should always be preceded by the letters ISSN.

It does not appear that *Gulf of Maine Times* has ever had an ISSN. However, up-to-date information about it appears in *Ulrich's Periodicals Directory*.

The Library of Congress (LC) assigns an ISSN to acquisitions that appear to be part of a series and do not already have one. The LC catalogue record for GOMC's annual reports includes the ISSN 1189-6116, and the LC record for *Evaluation of Gulfwatch* lists ISSN 1093-4952. (The library seems to have only the 1992 report in each series.).

Each report in a series should have an ISBN to identify the individual report, and an ISSN to identify the series. The two numbers should appear together, each preceded by its own prefix of letters. The ISSN assigned by the Library of Congress should be used for reports with the title *Annual Report* or *Evaluation of Gulfwatch*.