

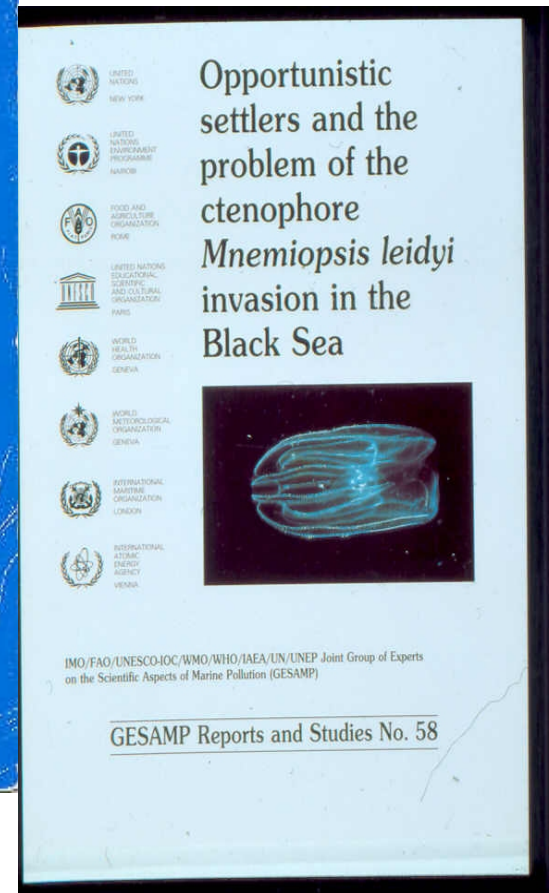
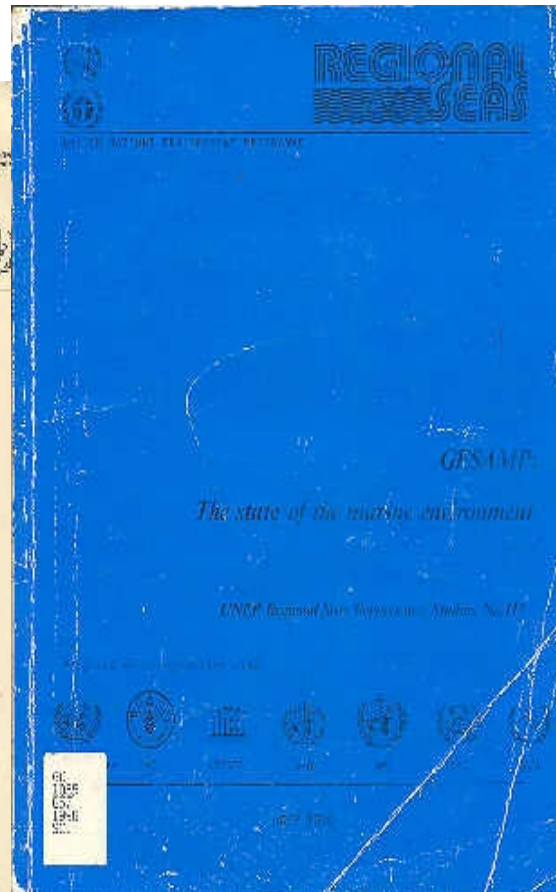
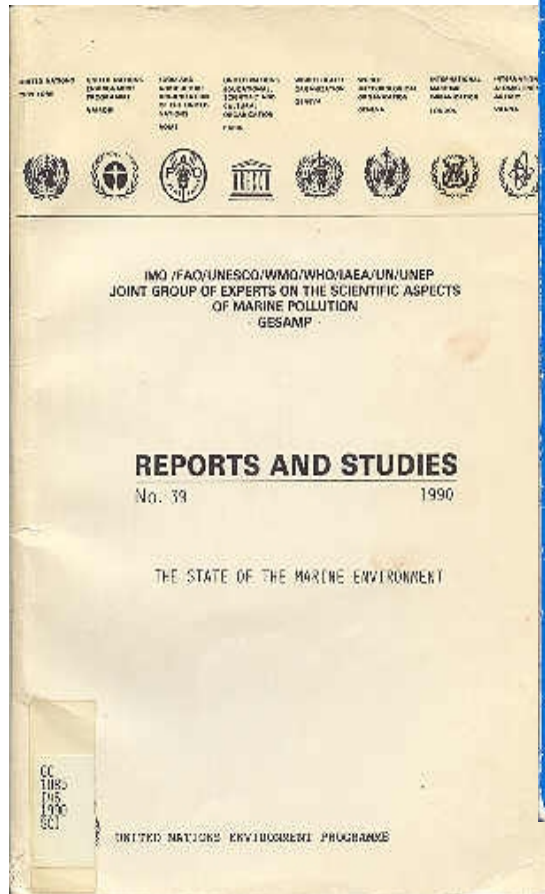
# Grey Literature in the Life of GESAMP, an International Marine Scientific Advisory Board

~ ~ ~

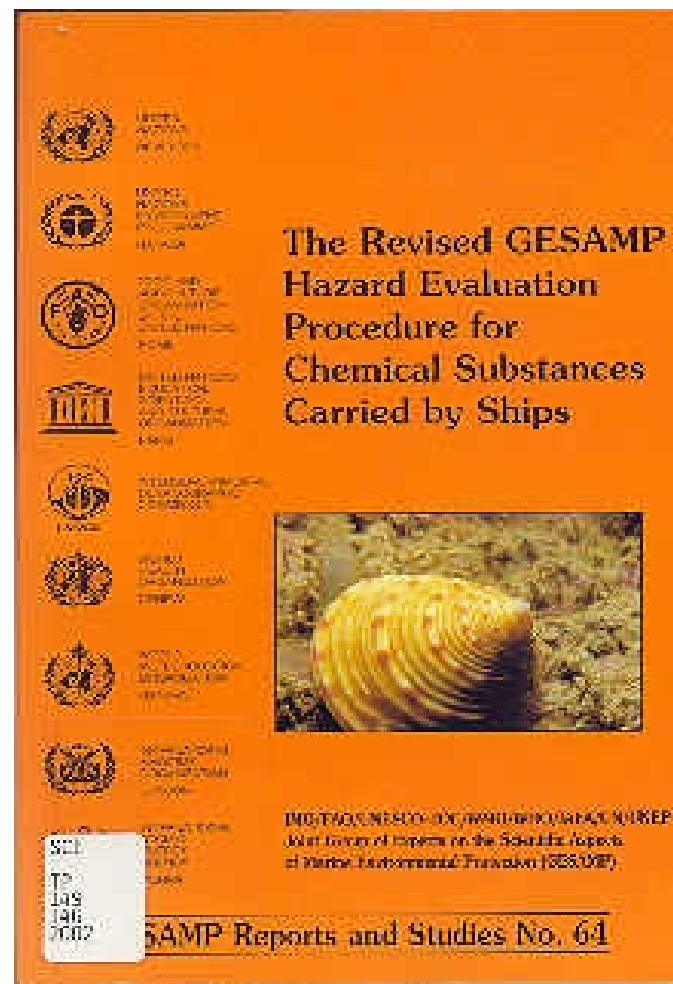
**B.H. MacDonald, R.E. Cordes, & P.G. Wells**  
**Dalhousie University & Environment Canada**  
**Halifax, Nova Scotia, Canada**



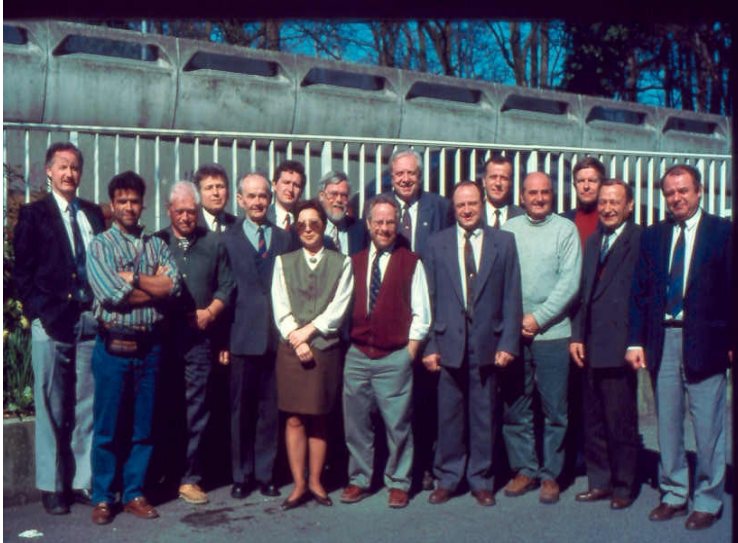
# Selected GESAMP Reports



# Inform the Application of MARPOL

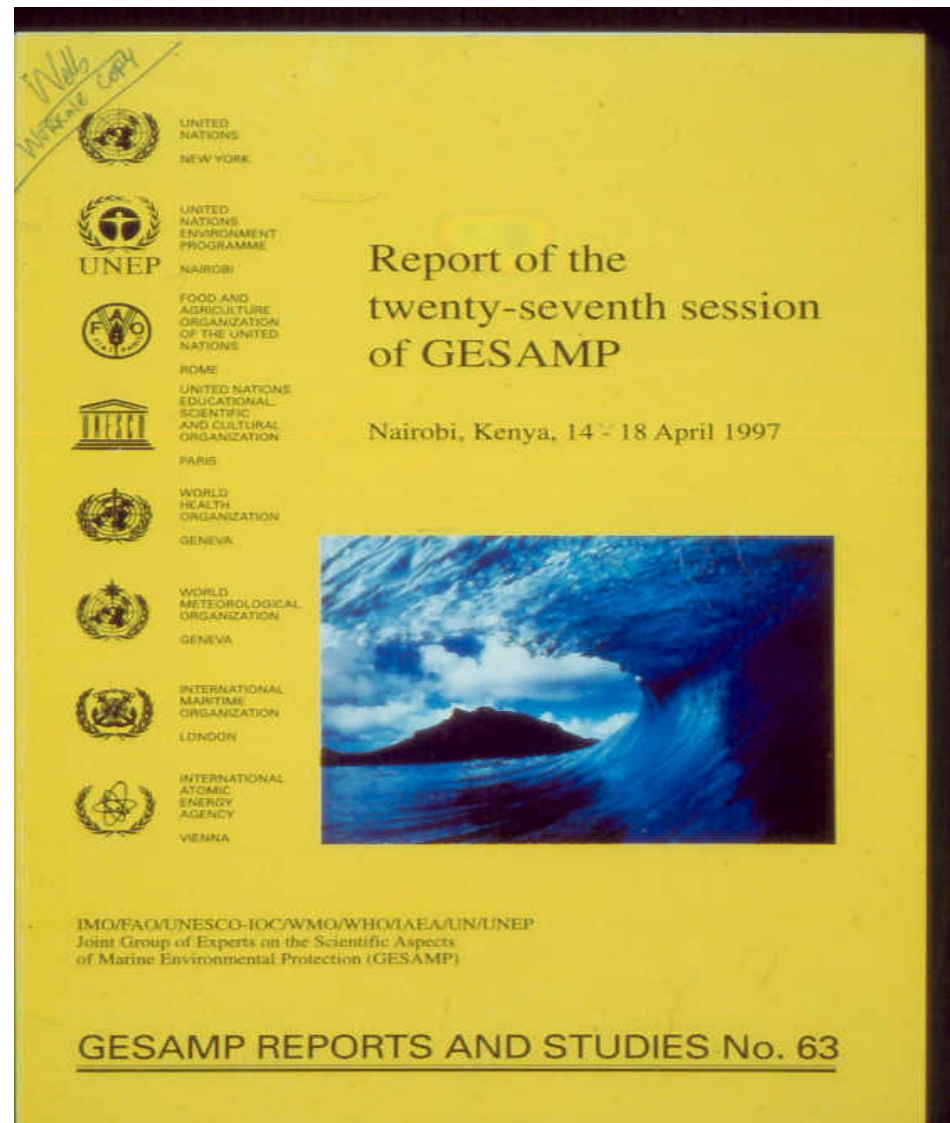


# GESAMP Meetings





# Report of a GESAMP Session



70

GESAMP  
Reports and Studies

IMO/FAO/UNESCO-IOC/WMO/WHO/IAEA/UN/UNEP  
Joint Group of Experts on the Scientific Aspects of  
Marine Environmental Protection (GESAMP)



## A Sea of Troubles



In cooperation with:

Coordination Office of the Global Programme of Action for the Protection of  
the Marine Environment from Land-based Activities (UNEP) - The Hague  
Division of Environmental Conventions (UNEP) - Nairobi  
Advisory Committee on Protection of the Sea (ACOPS) - London

# Report # 70

Prepared with  
assistance of a  
science journalist

## Table 1—Types of GESAMP Publications

Type of Content	Type of Publication	Items in English	Translations Identified
Session Reports	<i>GESAMP Reports and Studies</i>	25	59
	Early sessions - documents	6	15
	Early sessions - other series	1	4
	Related journal articles	7	
Thematic Reports	<i>GESAMP Reports and Studies</i>	48	7
	Supplements to early session reports	2	4
	Identical versions in other series	14	2
	Only published in other series	2	
	Report drafts and other working documents (# not determined)		
	Related books (commercial publishers)	2	
	Related journal articles (primary literature)	6	
About GESAMP	Histories of GESAMP	2	
	Journal articles describing GESAMP (not included as targets in the citation study)	6	

**Table 2 — Ten Most Frequently Cited GESAMP Publications, to 28 July 2002**

Report Title Versions <sup>a</sup> and Publication Dates	Total Citations
<i>The Atmospheric Input of Trace Species to the World Ocean</i> A: # 38 (1989), B: # 119 (1990), C: Duce et al. (1991)	410
<i>The State of the Marine Environment</i> A: # 39 (1990), B: # 115 (1990) (also in Spanish), C: GESAMP (1991b) <sup>2</sup>	165
<i>Technical Annexes to the Report of the State of the Marine Environment</i> B: # 114 (1990), C: Fowler (1990)	108
<i>The Sea-Surface Microlayer and its Role in Global Change</i> A: #59 (1995), C: Liss & Duce (1997)	76
<i>Land/Sea Boundary Flux of Contaminants: Contributions from Rivers</i> A: # 32 (1987)	60
<i>The Review of the Health of the Oceans</i> A: # 15 (1982), B: # 16 (1982)	47
<i>Impact of Oil on the Marine Environment</i> A: # 6 (1977)	44
<i>Review of Potentially Harmful Substances: Arsenic, Mercury and Selenium</i> <sup>2</sup> A: # 28 (1986), B: # 92 (1988)	43
<i>Impact of Oil and Related Chemicals on the Marine Environment</i> A: # 50 (1993)	42
<i>Global Strategies for Marine Environmental Protection</i> A: # 45 (1991), C: Gray et al. (1991)	42

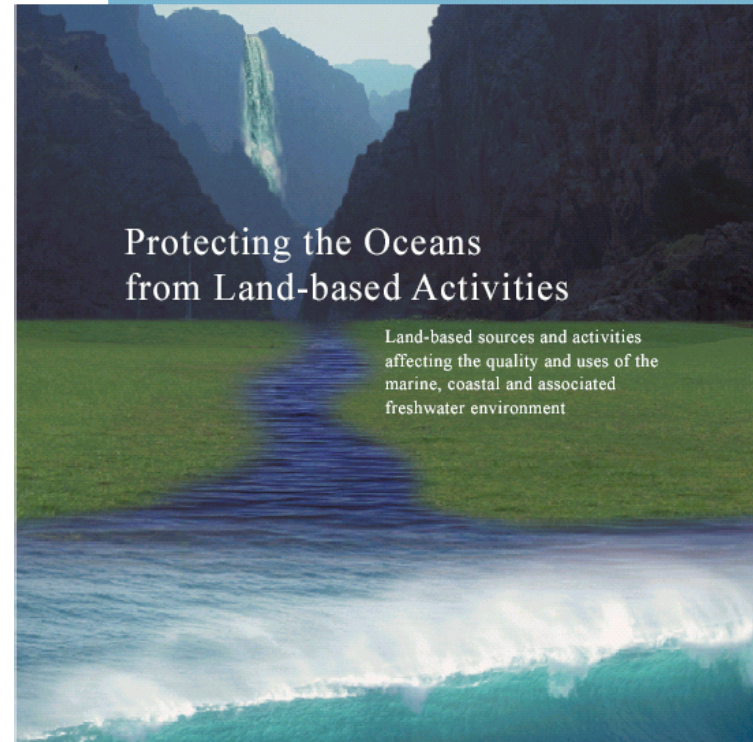


Some reports  
now available at  
[gesamp.imo.org](http://gesamp.imo.org)

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GESAMP  
Reports and Studies

IMO/FAO/UNESCO-IOC/WMO/WHO/IAEA/UN/UNEP  
Joint Group of Experts on the Scientific Aspects of  
Marine Environmental Protection (GESAMP)



United Nations  
(New York)



United Nations  
Environment  
Programme  
(Nairobi)



Food and  
Agriculture  
Organization  
of the  
United Nations  
(Rome)



United Nations  
Education,  
Scientific and  
Cultural  
Organization  
(Paris)



Inter-  
governmental  
Oceanographic  
Commission  
(Geneva)



World  
Health  
Organization  
(Geneva)



World  
Meteorological  
Organization  
(Geneva)



International  
Maritime  
Organization  
(London)



International  
Atomic Energy  
Agency  
(Vienna)

In cooperation with:

Coordination Office of the Global Programme of Action for the Protection of  
the Marine Environment from Land-based Activities (UNEP) - The Hague  
Division of Environmental Conventions (UNEP) - Nairobi  
Advisory Committee on Protection of the Sea (ACOPS) - London

**Table 3—Variations (in Bold) in Bibliographic Elements Among the Title Page, Cover, and Recommended Citation Format of Selected Reports**

Report	Element	Location	Contents
#61 (1996)	Corporate author	Title page	IMO/FAO/Unesco-IOC/WMO/WHO/IAEA/UN/UNEP Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection - <b>GESAMP</b> -
		Cover	IMO/FAO/UNESCO-IOC/WMO/WHO/IAEA/UN/UNEP Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection ( <b>GESAMP</b> )
		Citation format	<b>GESAMP</b> (IMO/FAO/UNESCO-IOC/WMO/WHO/IAEA/UN/UNEP Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection)
	Series	Title page	Reports and Studies No. 61
		Cover	<b>GESAMP</b> Reports and Studies No. 61
		Citation format	<u>Rep.Stud.</u> <b>GESAMP</b> , (61):66 p.
	Title	Title page	The contributions of science to <b>integrated coastal</b> management
		Cover	The contributions of science to <b>integrated coastal</b> management
		Citation format	The contributions of science to <b>coastal zone</b> management
#67 (1999)	Title	Title page	Report of the twenty-ninth session, London, <b>United Kingdom</b> , 23-26 August 1999
		Cover	Report of the twenty-ninth session <b>of GESAMP</b> London, 23-26 August 1999
		Citation format	Report of the Twenty-Ninth Session, London, <b>United Kingdom</b> , 23-26 August 1999

# **Name Changes**

**1969** — Joint IMCO/FAO/UNESCO/  
WMO Group of Experts on the Scientific  
Aspects of Marine Pollution

**1993** — IMO/FAO/UNESCO-IOC/  
WMO/WHO/IAEA/UN/UNEP Joint  
Group of Experts on the Scientific  
Aspects of Marine Environmental  
Protection

**Table 4 — Holdings of GESAMP Publications in Selected Major Marine Science and National Libraries**

Library	Holdings of <i>Reports and Studies</i>
National Marine Biological Library, Plymouth, England <a href="http://www.mba.ac.uk/nmbi/">http://www.mba.ac.uk/nmbi/</a>	Almost complete holdings (two missing reports will be acquired at R. Cordes's suggestion)
Woods Hole Oceanographic Institute Library, Woods Hole, Massachusetts, USA <a href="http://www.mblwhoi.org/">http://www.mblwhoi.org/</a>	Missing five reports, published 1986-1991 (missing reports will be acquired at R. Cordes's suggestion)
Scripps Institution of Oceanography Library, San Diego, California, USA <a href="http://scilib.ucsd.edu/sio/">http://scilib.ucsd.edu/sio/</a>	Missing several recent thematic reports, and many session reports
Bedford Institute of Oceanography Library, Halifax, Canada <a href="http://www.mar.dfo-mpo.gc.ca/e/library/bio-e.htm">http://www.mar.dfo-mpo.gc.ca/e/library/bio-e.htm</a>	Complete holdings
British Library, London, and Document Supply Centre, Boston Spa, West Yorkshire, England <a href="http://www.bl.uk">http://www.bl.uk</a>	Complete holdings (Document Supply Centre)
Library of Congress, Washington, DC, USA <a href="http://www.loc.gov">http://www.loc.gov</a>	Many gaps in holdings
Bibliothèque nationale de France, Paris, France <a href="http://www.bnf.fr">http://www.bnf.fr</a>	Many gaps in holdings

# GESAMP Citations in *Web of Science*

## *Cited Author Field*

- GESAMP
- JOINT GROUP EXP S
- GROUP EXP SCI ASP
- IMO FAO UNESCO WM
- UNEP

## *Cited Work Field*

- 115 REG SEAS REP STU
- STAT MAR ENV
- IMOFAOUNESCOWMOWHOIA
- REP STUD
- GESAMP REPORTS STUDI



# Citations Located

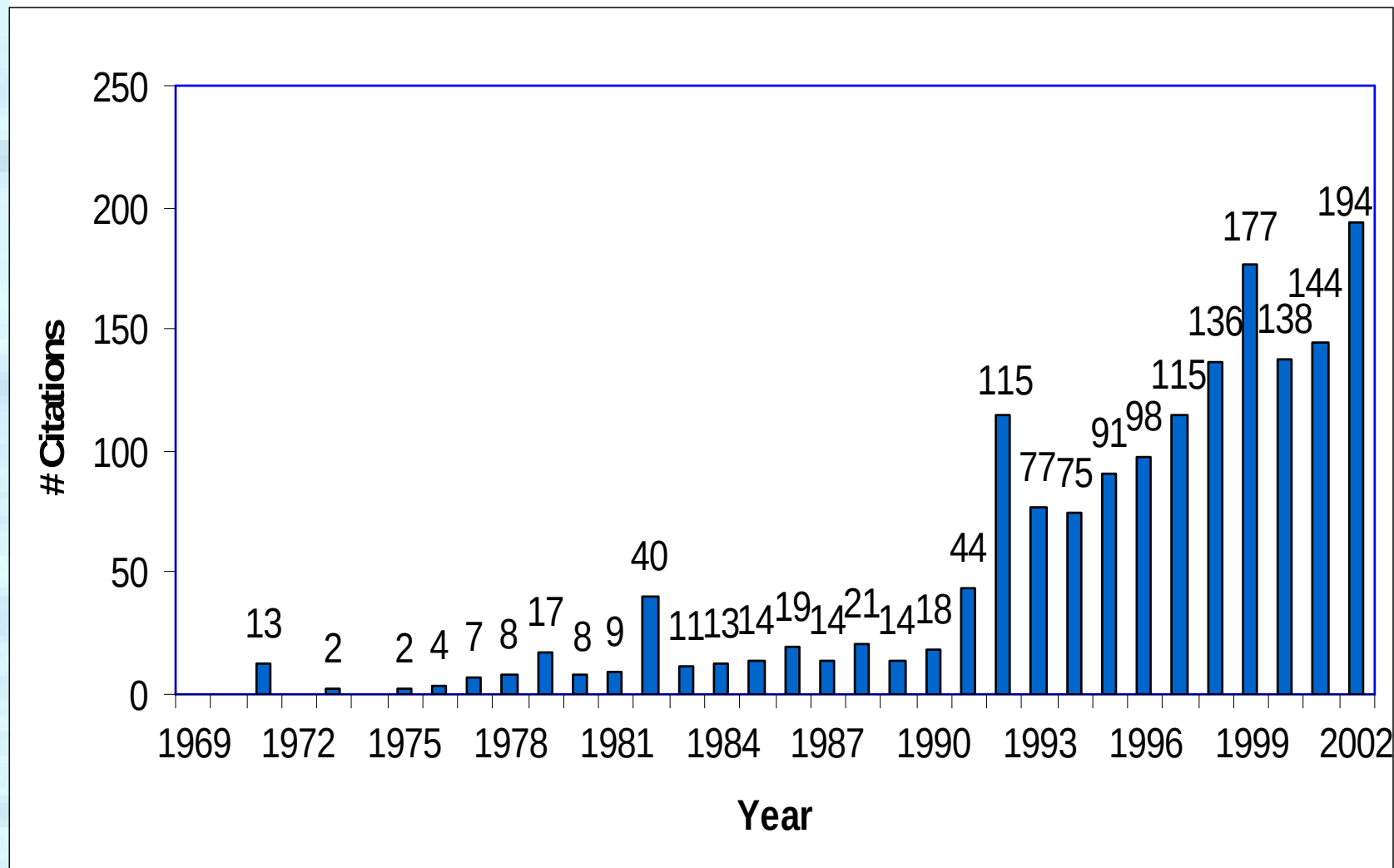
1518 citations in 1251 papers

88% of the citations contain one one  
GESAMP publication

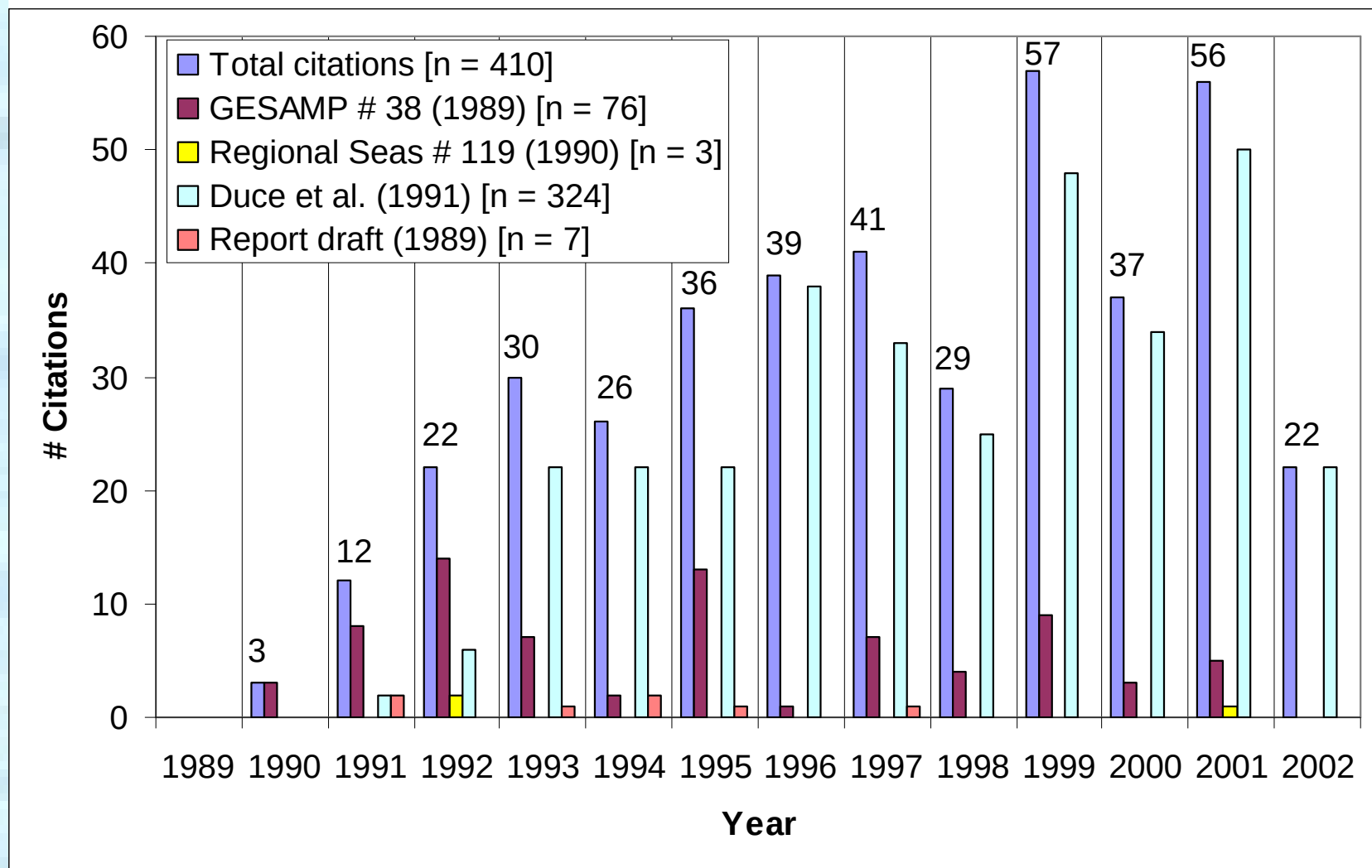
96% of the citations are to the  
thematic reports

61% of the citations are to the true  
grey literature

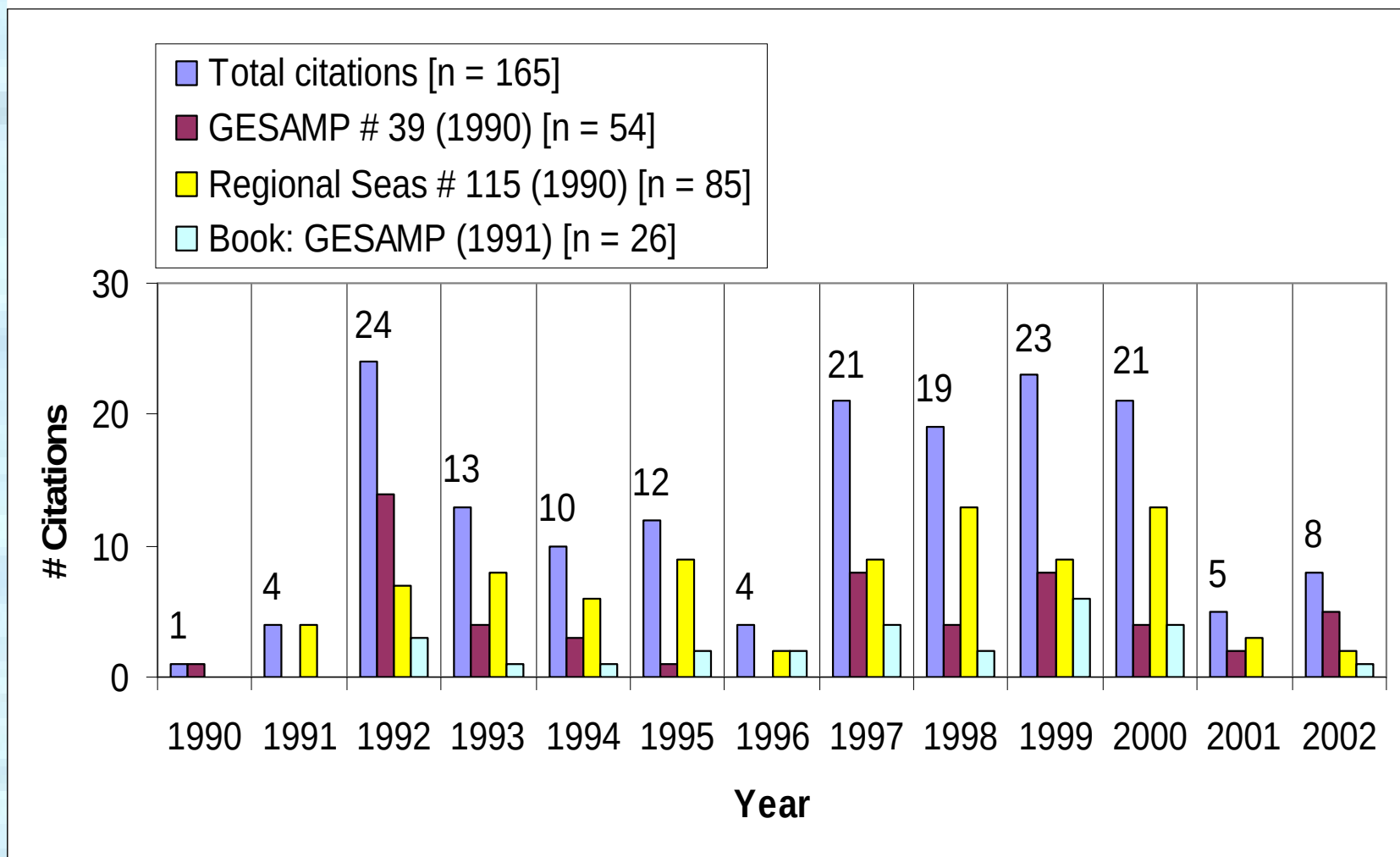
**Figure 1 — Frequency of Citations to GESAMP Publications, to the End of 2002**



**Figure 2—Citations to Versions of *The Atmospheric Input of Trace Species to the World Ocean*, to July 28, 2002**



**Figure 3—Citations to Versions of *The State of the Marine Environment*, to July 28, 2002**



# **Who Cites GESAMP Reports?**

## **Individuals Associated with GESAMP**

- 28% of the citing papers
- 34% of the citations

## **All Others**

- More than 70% of the citing papers



# **Geographic Distribution of Citing Authors**

- Western Europe — 43%
- North America & Caribbean — 31%
- Asia — 8%
- Australia & New Zealand — 6%
- Eastern Europe — 5%
- Middle East — 4%
- Africa — 2%
- South America — 1%

# Citing Journals

311 different journals in 84 subject areas

## Top five

- Environmental Sciences
- Marine & Freshwater Biology
- Oceanography
- Geosciences, Interdisciplinary
- Meteorology & Atmospheric Sciences

## **to GESAMP**

- Emphasize the acronym GESAMP
- Establish a standardized name for the series
- Ensure that each title is consistently applied
- Obtain a new ISSN with each name change
- Always include an ISBN, along with the ISSN
- Distribute reports widely
- Send copies of reports to indexing agencies

# **Publishing Recommendations Sent to GESAMP (cont.)**

- Outline the peer review process in each report
- Consider establishing two series
- Give greater attention to translation of the reports
- Keep the website up to date
- Continue creating digital versions of older reports
- Centralize publication and distribution of the reports

# **Google Search for Links**

**gesamp.imo.org/ link — 27 links**

**gesamp.imo.org/ related — 52 links**