

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

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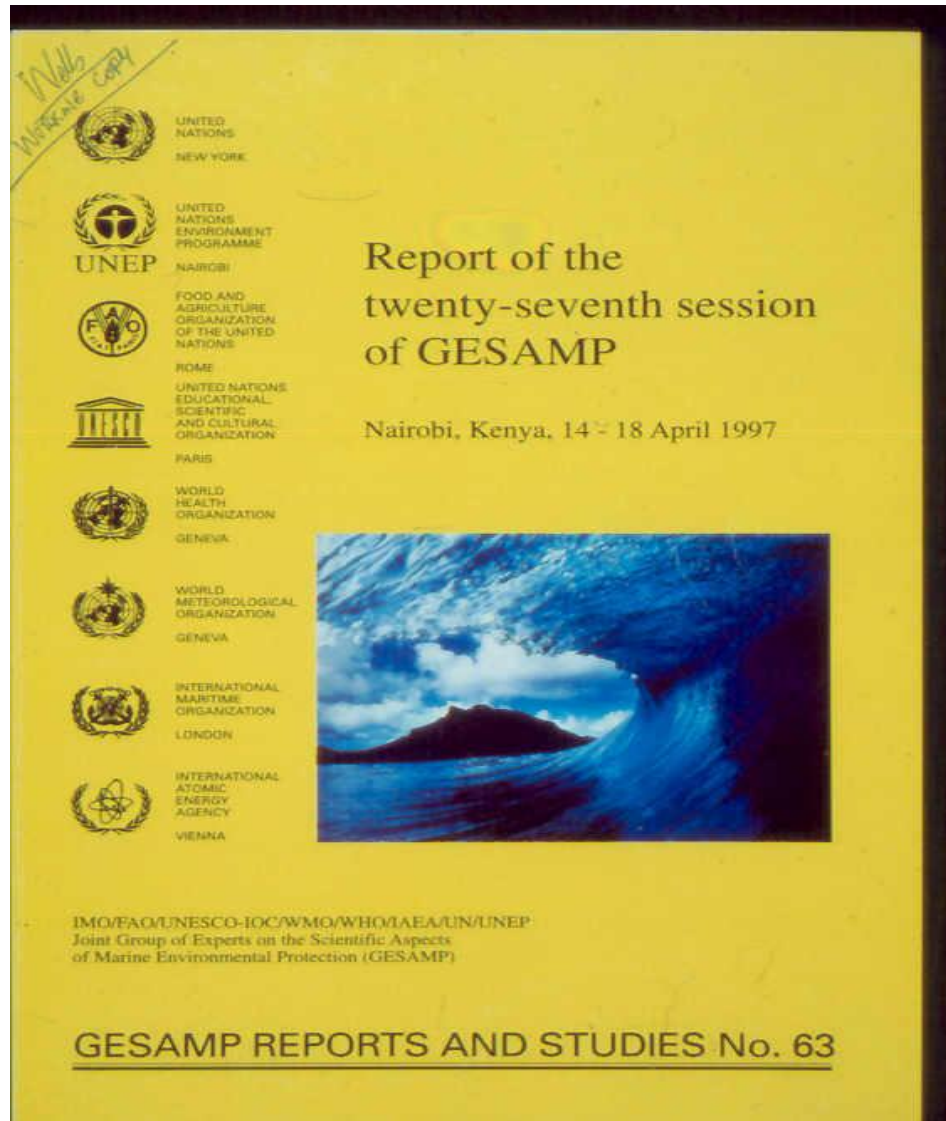
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Halifax, Nova Scotia, Canada



GESAMP Meetings



Report of a GESAMP Session



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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)



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

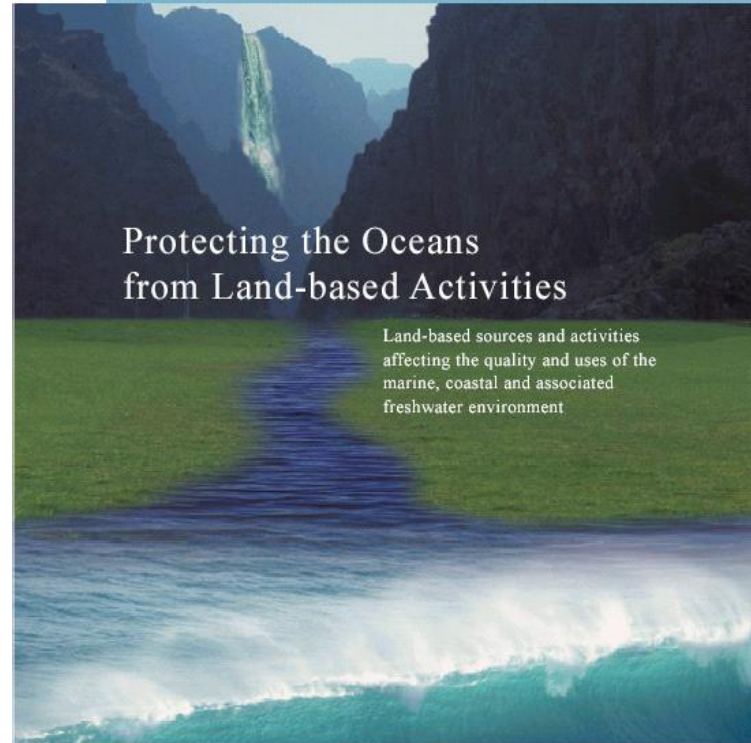
Report Title Versions ^a and Publication Dates	Total Citations
<i>The Atmospheric Input of Trace Species to the World Ocean</i> A: # 38 (1989), B: # 119 (1990), C: Duce et al. (1991)	410
<i>The State of the Marine Environment</i> A: # 39 (1990), B: # 115 (1990) (also in Spanish), C: GESAMP (1991b) ²	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> ² 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

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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 - GESAMP -
		Cover	IMO/FAO/UNESCO-IOC/WMO/WHO/IAEA/UN/UNEP Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection (GESAMP)
		Citation format	GESAMP (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	GESAMP Reports and Studies No. 61
		Citation format	<u>Rep.Stud.</u> GESAMP , (61):66 p.
	Title	Title page	The contributions of science to integrated coastal management
		Cover	The contributions of science to integrated coastal management
		Citation format	The contributions of science to coastal zone management
#67 (1999)	Title	Title page	Report of the twenty-ninth session, London, United Kingdom , 23-26 August 1999
		Cover	Report of the twenty-ninth session of GESAMP London, 23-26 August 1999
		Citation format	Report of the Twenty-Ninth Session, London, United Kingdom , 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 http://www.mba.ac.uk/nmbli/	Almost complete holdings (two missing reports will be acquired at R. Cordes's suggestion)
Woods Hole Oceanographic Institute Library, Woods Hole, Massachusetts, USA http://www.mblwhoi.org/	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 http://scilib.ucsd.edu/sio/	Missing several recent thematic reports, and many session reports
Bedford Institute of Oceanography Library, Halifax, Canada http://www.mar.dfo-mpo.gc.ca/e/library/bio-e.htm	Complete holdings
British Library, London, and Document Supply Centre, Boston Spa, West Yorkshire, England http://www.bl.uk	Complete holdings (Document Supply Centre)
Library of Congress, Washington, DC, USA http://www.loc.gov	Many gaps in holdings
Bibliothèque nationale de France, Paris, France http://www.bnf.fr	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

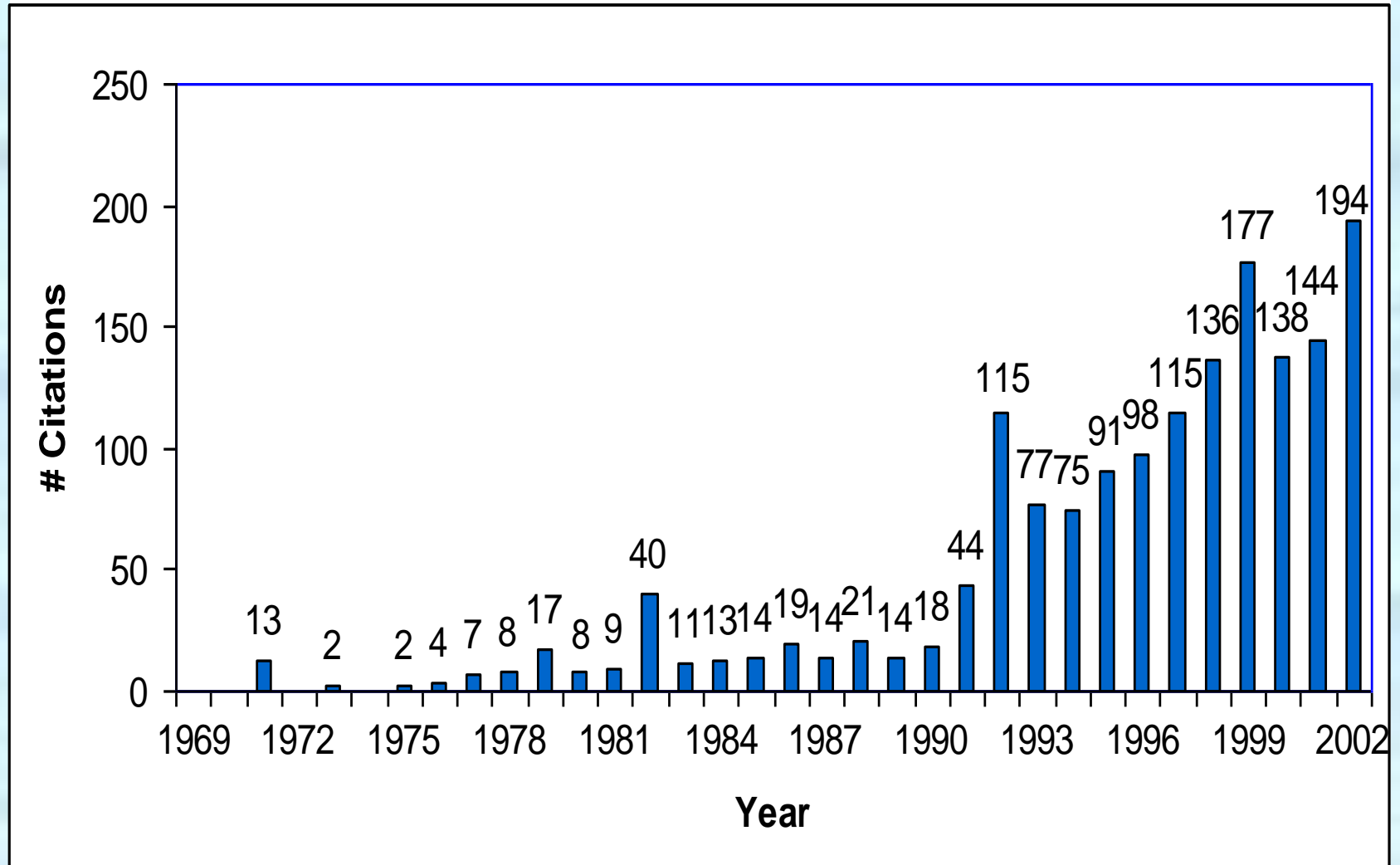


Figure 2—Citations to Versions of *The Atmospheric Input of Trace Species to the World Ocean*, to July 28, 2002

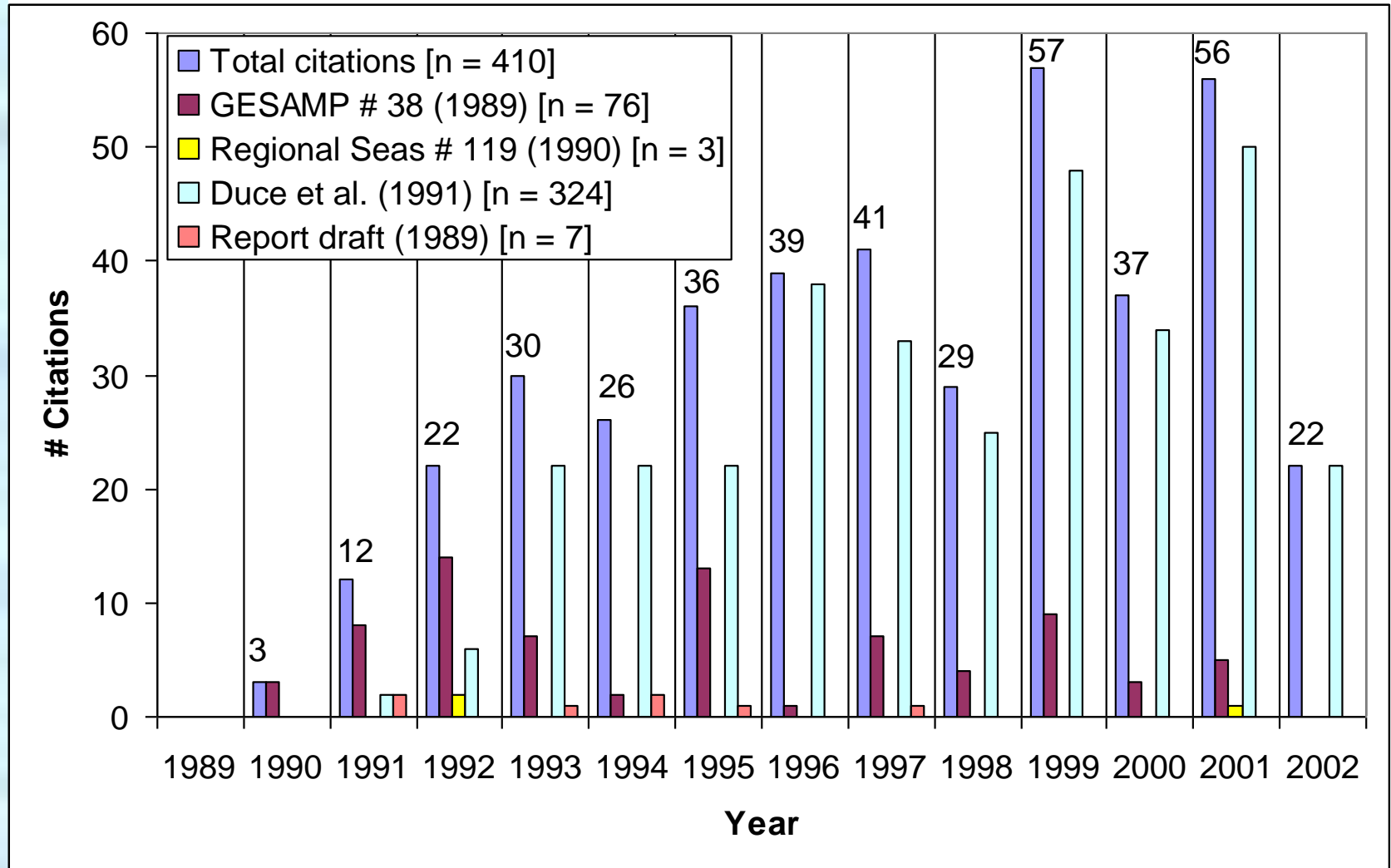
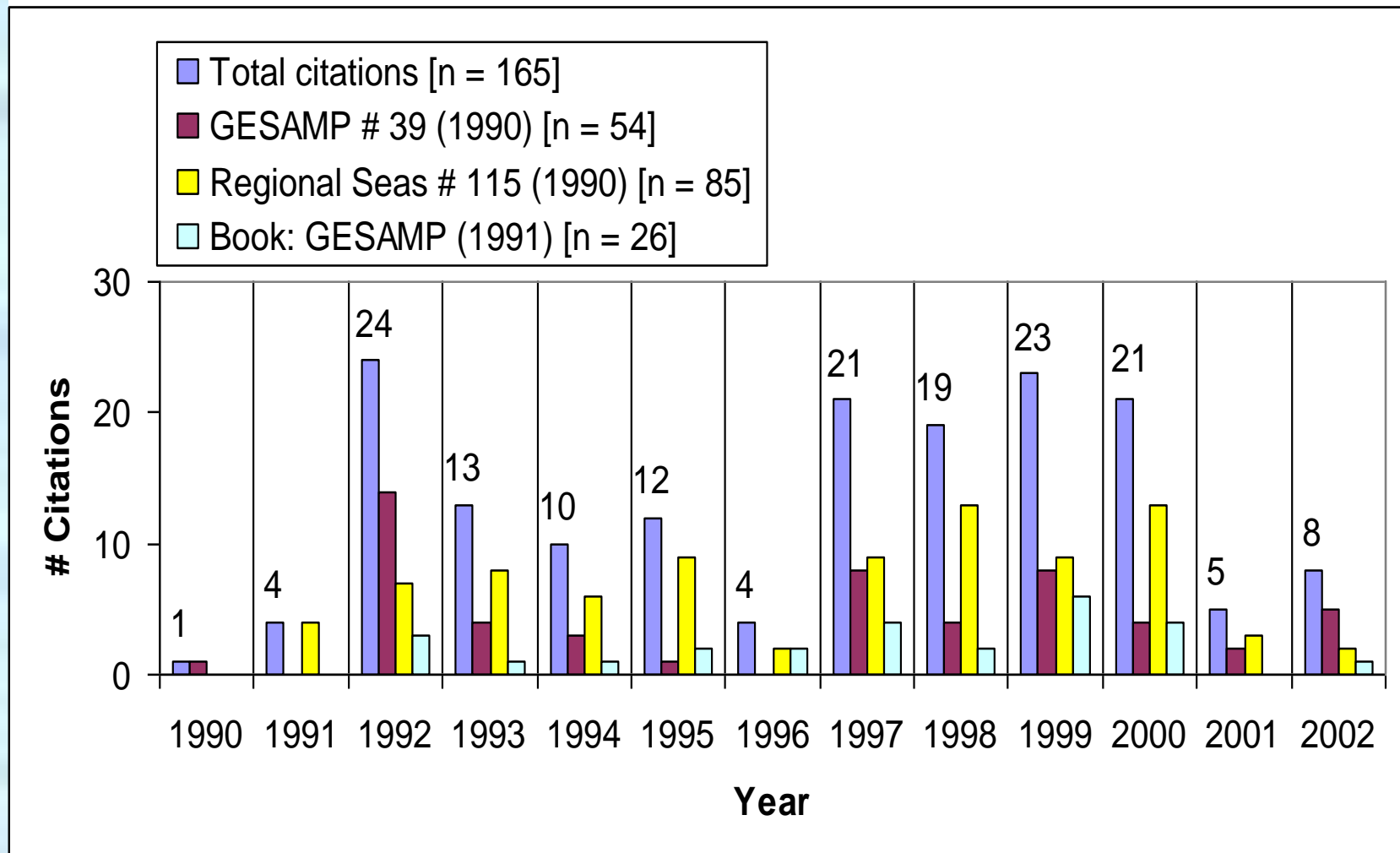


Figure 3—Citations to Versions of *The State of the Marine Environment*, to July 28, 2002



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

Publishing Recommendations Sent 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