

YEAR OF THE OCEANS: **SCIENCE OF INFORMATION HANDLING**

EDITORS

R. L. GRUNDY AND R. T. FORD



**International Association of Marine Science
Libraries and Information Centers**

International Association of Marine Science
Libraries and Information Centers
Conference Series

YEAR OF THE OCEANS:
SCIENCE OF INFORMATION HANDLING

EDITORS

R.L. GRUNDY AND R.T. FORD

The University of Texas at Austin
Marine Science Institute
Port Aransas, Texas 78373-1267
U.S.A.

10th Annual Conference
of the
International Association of Marine Science
Libraries and Information Centers
held at
Woods Hole, Massachusetts
October 2 - 5, 1984

IAMSLIC 1985

FIRST PUBLISHED PROCEEDINGS: At the request of persons unable to attend the meetings, we now submit the first published proceedings in our conference series.

Ilene Zaleski, proof reader

Order Information: Copies may be purchased from R. L. Grundy, University of Texas at Austin, Marine Science Institute, Port Aransas, Texas, 78373-1267, U.S.A. US\$ 12.50

© Copyright 1985 by IAMSLIC

All rights reserved.

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or by any information storage and retrieval system, without permission in writing from IAMSLIC.

Printed by Biography Press, Aransas Pass Texas, USA

Library of Congress Cataloging in Publication Data

International Association of Marine Science Libraries and Information Centers. Conference (10th : 1984 : Woods Hole, Mass.)

Year of the Oceans.

(International Association of Marine Science Libraries and Information Centers conference series)

Includes bibliographies.

1. Marine science libraries--Congresses.
2. Oceanographic libraries--Congresses.
3. Information storage and retrieval systems--Marine sciences--Congresses.
4. Information storage and retrieval systems--Oceanography--Congresses. I. Grundy, R. L. (Ruth L.), 1936- . II. Ford, R. T., 1938- . III. Title.

Z675.M35158 1984 026'.55146 84-29677

ISBN 0-932939-01-5

ISSN 8755-6332

CONTENTS

Contents	iii
Preface	v
The Year of the Ocean and Exclusive Economic Zone, Byrne, John V.	1
NOAA's role in user communications: a new outlook, Stanley, William.	17
The librarian as records manager: diversification in the library workplace. Oxley, Anna.	27
Document delivery in a small information center, Metzger, Kristen.	39
EPALIT: a data management system applied to the control and retrieval of technical reports, Means, Susan.	59
Journal use study. Norton, Catherine.	85
Accessing DIALOG using your own micro or using public access services. Sieburth, Janice.	109
The art of information management. Shephard, Frank.	119
Society publishing today and tomorrow. Spilhaus, A. Fred, Jr.	129
Evolution and effectiveness of treaties: marine pollution control. McPherson, Mary M.	143
Networking through FISHLINE: state-of-the-art of librarianship in Denmark. Sandfaer, Mogens.	173
The ship's library: a seafaring special library Winn, Carolyn P.	193
Micros in libraries. Dugan, Robert E.	203
Computer bibliographic searching: downloading and uploading using a microcomputer, Wible, Joseph G.	211
Implementing microcomputer software for marine science libraries. Politz, Mary Katherine.	221
Spencer Fullerton Baird and the foundations of American marine science. Allard, Dean C.	233
SEAFDEC's fisheries information activities, Matics, K.I.	253
Fisheries librarianship at Woods Hole, Brownlow, Judy.	269
List of participants	281

PREFACE

"In October 1975, at the invitation of the Research Librarian, Woods Hole Oceanographic Institution, 49 librarians and information specialists from the east coast of the United States and Canada convened at Woods Hole, Massachusetts, U.S.A., to discuss their common interest and concerns in providing library and information services to the scientists, administrators, engineers, educators, and students in the discipline of marine science.

The 'East Coast Marine Science Librarians' group, as it was first known, was restructured in 1978 as a formal, non-profit organization, and adopted the name 'Marine Science Libraries Association.' In 1979, by-laws were formally approved and the name was changed to its present 'International Association of Marine Science Libraries and Information Centers (IAMSLIC)'."

The above statement appears in our "Information Brochure and Membership Application" and provides a short history of IAMSLIC.

IAMSLIC has completed several projects which include the Directory of Marine Science Libraries and Information Centers, an interlibrary loan handbook, a bibliography entitled Selected Readings in Oceanography, and has made recommendations to ASFA about cataloging marine science translations (accepted by ASFA, 1982). Our newest project is the IAMSLIC Union List of Serials (microfiche only).

ACKNOWLEDGMENTS

The 10th Annual Conference was hosted by the Marine Biological Laboratory (MBL), Woods Hole Oceanographic Institution (WHOI), and the National Marine Fisheries Service (NMFS) NOAA, Northeast Fisheries Center at Woods Hole, Massachusetts.

Host Committee included Judy Ashmore (MBL), Chairman, Carolyn Winn (WHOI), Judy Brownlow (NMFS), Ilene Zaleski, Editor, Oceanographic Literature Review, Jane Fessenden (MBL), Bill Dunkle (WHOI) and Cathy Norton (MBL).

University of Texas Marine Science Institute
Contribution No. 652.

R.L. Grundy
Program Chairman