International Association of Aquatic and Marine Science
Libraries and Information Centers
Conference Series

TRADITION & INNOVATION:
PLANNING OUR FUTURE
Proceedings of the 22nd Annual Conference of the
International Association of Aquatic and Marine Science
Libraries and Information Centers

Editors:

James W. Markham
and
Andrea L. Duda

iamslc

22nd Annual Conference of IAMSLIC held 13-18 October, 1996
at Monterey Bay, California, U.S.A.

Conference Organizer: Janet G. Webster

Published by:
IAMSLIC
Fort Pierce, Florida
1997
TABLE OF CONTENTS

Introduction
Janet G. Webster .................................................................................................................. 1

Acknowledgements
Janet G. Webster .................................................................................................................. 3

Aquatic Indexes
  ASFA: challenges and opportunities after the first 25 years
  Craig W. Emerson and David S. Moulder ........................................................................ 5
  Holes in the dike: Is Cambridge Scientific losing water?
  Stephanie C. Haas .............................................................................................................. 19
  Is ASFA sufficient? The role of inexpensive multidisciplinary databases in the marine
  science information center
  Christopher Hooper-Lane and David P. Atkins ................................................................. 31

Profiles
  Light under a bushel: a profile of Point Reyes Bird Observatory
  Gareth Penn ....................................................................................................................... 39
  Information services at JAMSTEC
  Yoshito Tsuji ..................................................................................................................... 43
  Searching through a sea of information? CSC’s library can help
  Jill Konieczko ..................................................................................................................... 47

User Services
  Developments in computer technology in the University of the Philippines: users’
  expectations and needs
  Evangeline C. Capuli ........................................................................................................ 51
  A revealing experience
  Beth Fuseler and Linda Dugger ......................................................................................... 57

Library Management
  If I had a hammer! Technostress and the librarian
  Constance B. Cooke ......................................................................................................... 63
  Technical services: in-house staff training
  Susan Berteaux ................................................................................................................. 69
  Becoming part of the larger whole: the Marine Science Library experience
  Ruth Grundy ..................................................................................................................... 77
  Captain Cook and the future of (marine and aquatic science) libraries
  Roger J. Kelly ................................................................................................................... 81

Resource Sharing
  StreamNet: an integrated information system serving fisheries scientists and
  managers in the Columbia River Basin - or - Is innovation possible when differing
  traditions collide?
  Gretta E. Siegel ............................................................................................................... 93
  Reducing the world: regional and international links to enhance marine
  information flow in the Pacific Islands Region
  Ganeshan Rao ................................................................................................................. 99
  Resource sharing mechanisms for IAMSLIC
  Barbara Butler .................................................................................................................. 111
Plan for a cooperative IAMSLIC marine science bibliography
Charles J. McFadden ................................................................. 117

World Wide Web Resources
Full text web indexes
Peter Brueggeman ................................................................. 123
Developing a multidisciplinary database for global distribution
Paula J. Wolfe ........................................................................ 129
Converting databases to searchable formats for the World Wide Web
Eleanor S. Uhlinger and Paul L. Heinrich ................................. 131

Panel Discussions
New library facilities
Natalie Wiest, moderator ......................................................... 137
IAMSLIC co-operation panel
Eleanor Uhlinger, moderator ................................................... 141

Guest Speakers
Coming to circle: issues & trends among libraries and the businesses that serve them
Stephen Pugh ........................................................................... 149
From slaughterhouse to sanctuary: the historic evolution of Monterey Bay
Sandy Lydon ........................................................................ 171
A real-time link to research
Judith L. Connor .................................................................... 173
Marine mammals in Monterey Bay: research methods, technological exploits and potential conflicts
Jim Harvey ........................................................................... 175

List of Registrants .................................................................... 177
IAMSLIC 1996 at Hopkins Marine Station, Pacific Grove, California
INNOVATION AND TRADITION: PLANNING OUR FUTURE

Introduction

The future evolves from the past. Yet, in these times, the future seems to be here, ever present as librarians struggle to catch up, adapt and anticipate the changing landscape of marine and aquatic information. For a few days in October 1996, 70 members of IAMSLIC from 12 countries met in Monterey, California to reflect upon how to use traditional and innovative means to address this changing landscape. Tradition and innovation are not mutually exclusive, but can be used in conjunction to provide excellent services for our users and build unique, relevant collections. The 19 presented papers, 2 panel discussions and 5 guest speakers examined how to accomplish these ends. These proceedings document the thoughts and ideas presented.

The initial session looked at core indexes, the traditional tools of our trade. Reviewing the depth and breadth of coverage of ASFA, WRA, Current Contents and CARL-Uncover revealed changes in utility, flaws in accuracy, and opportunities for improvement. Access mode adds a new layer of complexity to these traditional tools as opening the print index is no longer sufficient for the vast majority of our users. We need to work with the index producers to ensure ease of use as well as quality of the product.

The second session explored users needs and approaches to addressing them. Users know what they want, or think they know, yet have difficulties in selecting the right tool, source or mode of access from the myriad of options. Librarians increasingly have a role in helping users select and evaluate these options. Confusion is not limited to users; publishers are also faced with trying to figure out what their customers want in terms of electronic access and products. Continued discussion with librarians is needed to help direct development of electronic products while keeping traditional print products affordable and physically accessible.

The session on library management indicated that issues such as staff training, communicating with a remote administration, and participating in crucial changes in leadership never go away; they just take on new forms. Technology and changing roles make old solutions pass, and can lead to a sense of dread or terminal “techno stress”. Adapting the old solutions and creating new approaches are necessary to move forward.

IAMSLIC is a community of talented information providers who are committed to working together to share resources. Papers presented in the session on resource sharing illustrated how technology has eased some of the constraints and presented new opportunities. Librarians, now more than ever, have opportunities to create resources as well as expand timely access to resource sharing. We also need to monitor how we share so the responsibility is distributed equitably.

The final paper session dwelt on World Wide Web resources. Web searching tools have similar weaknesses and strengths found in all searching tools. Successfully maneuvering through the Web requires knowledge of traditional approaches to searching and perseverance within the very dense Web environment. While exciting developments promise to make it easier to create and mount local databases, adding to the massive amount of Web-based information demands judgment and experience. The Web is the most innovative development in the information field in years; and, the traditional skills of the librarian prove useful.
Additional papers were given that profiled individual institutions, giving the conference participants a better understanding of our colleagues, their users and their institutions' unique resources. New facility design and construction was the subject of a lively panel discussion by those involved in the various stages of the process. A final panel discussion explored opportunities for cooperative ventures. IAMSLIC is recognized by other organizations as a useful working partner. This is witnessed by both the joint conference planned with the Polar Libraries Colloquy in 1998 and recent discussions with the Western (US) Association of Marine Laboratories.

Guest speakers reminded us of the diversity of our users, and their research and educational needs. These individuals were also dealing with the traditional as well as the innovative: Dr. Jim Harvey's use of cutting edge instrumentation to learn more about the behavior of marine mammals; Dr. Sandy Lydon's explanation of the evolution of human use of Monterey Bay's natural resources and the shifts from traditional usage to contemporary conservation; Drs. Steve Webster's and Judith Connor's innovative use of technology to educate the public on the intricacies of marine science research; and finally, Stephen Pugh's perspective on the traditional relationships between librarians and their vendors, and the possibilities for expanding those to accommodate changes in the information landscape.

The 1996 IAMSLIC Conference once again demonstrated the need for continual discussion of the issues and challenges facing us. We have built our libraries on strong foundations, yet face the challenges of rapidly evolving technology, funding shifts and changing expectations of users. Our future depends on our ability and willingness to integrate traditional resources and philosophies with innovative technology and perspectives.

Janet Webster
1996 Conference Chair
IAMSLIC President 1996/1997

Marilyn Potts Guin Library
Hatfield Marine Science Center
Oregon State University
Newport, OR 97365
U.S.A
INNOVATION AND TRADITION: PLANNING OUR FUTURE
Acknowledgments

A successful conference depends on the efforts of many. The 1996 Local Arrangements Committee did an exceptional job. Besides arranging for a week of the fine weather, they should be commended for skillfully facilitating a productive and congenial conference. Many thanks to Alan and Sheila Baldridge, Bruce Gritton, and Steve Watkins for the dedication and humor you brought to your tasks. Special thanks to Fran Wolfe for registration and arranging our special treatment by the Monterey Bay Aquarium. Joan Parker did an incredible job with the exhibitions, handling our vendors with tact and skill. And finally, my deepest appreciation for the efforts of Joe Wible for chairing the Local Arrangements Committee, smiling throughout the conference, and knowing all the right places to eat.

A successful publication also depends on the efforts of many. Thanks to all of the contributors for presenting papers as well as submitting them for publication. Thanks to the proceedings editor, Jim Markham, and his assistant, Andrea Duda, for pulling together the submissions and editing them into a valuable document.

A successful organization depends on its members and its leaders. IAMSLIC continues as a strong organization with over 270 members from 63 countries. Thanks to all the members and their participation in our worldwide community of marine and aquatic libraries. Special thanks to the those who serve on the Executive Board and on committees; these individuals are committed to keeping the organization true to its mission of exchanging ideas and exploring issues of mutual concern.

Janet Webster
1996 Conference Chair
IAMSLIC President 1996/1997

Marilyn Potts Guin Library
Hatfield Marine Science Center
Oregon State University
Newport, OR 97365
U.S.A