



International Association of Aquatic and Marine  
Science Libraries and Information Centers

# newsletter

Number Eighty-Three  
MAY, 2002

## Letter from the Editors ...

In response to the unofficial direction given to your Newsletter editors from the annual meeting at Brest and in lieu of receiving any further direction, we are proceeding in the direction we think you, the members want. We are looking for people to work on the Newsletter sections that are to be transferred to the web site. You won't have to do it on your own. We will help you get started. We are looking for people for:

**The Electronic Library** -- you would be responsible for identifying web sites of interest to the members and culling sites from the IAMSlic List, writing a short review if one is not available, and loading the column on the IAMSlic web site on a regular schedule.

**New Publications** -- you would be responsible for identifying articles, new journals and books of interest to the members and taking them from messages on the IAMSlic List, writing a short review if one is not available, and loading the column on the IAMSlic web site on a regular schedule.

**Library Conferences** -- you would be responsible for identifying library conferences of interest to the members, locating the contact information and loading the column on the IAMSlic web site on a regular schedule.

**Scientific Conferences** -- you would be responsible for identifying appropriate marine and freshwater related conferences of interest to the members and their researchers, locating the contact information and loading the column on the IAMSlic web site on a regular schedule.

**Education and Training** -- you would be responsible for identifying continuing education and training opportunities of interest to the members, write a short description (or use the course description), locating the contact information and loading the column on the IAMSlic web site on a regular schedule.

**Publication opportunities** -- you would be responsible for identifying opportunities for publication and posting the to the IAMSlic web site on a regular basis.

**In the News** -- you would be responsible for scanning news services, press releases, publications and lists for news in marine, freshwater and information/library sciences, writing a short summary, add the web link or citation and post to the IAMSlic web site.

We are also interested in identifying people who would like to take over the composition, editing, and electronic and print publication of the Newsletter.

We have enjoyed working with you during the five years we have been your editors. Unless we hear otherwise, we believe that it is time for us to use our energies in other ventures.

We look forward to hearing from you in the near future and being overwhelmed with offers to take over these parts of the Newsletter.

Your editors,

Beth Avery  
Roger Kelly



IAMSLIC Newsletter  
May 2002  
Number Eighty-Three  
ISSN: 0193-9254

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(Conference Convenor for IAMSLIC '02 to be held at  
Mazatlan, Mexico, October 6-11, 2002)

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**PRESIDENT-ELECT 2003-2004**

(Conference Convenor for IAMSLIC '03 to be held at  
Mystic, Connecticut, USA, October 5-10, 2003)

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**IAMSLIC LISTSERVER**

iamslic@ucdavis.edu

The iamslic@ucdavis.edu listserver is an international email conference for discussion of information-related topics in marine, freshwater, and brackishwater sciences. To sign yourself up to the conference, send the following email message:

To: listproc@ucdavis.edu

Subj: **please do not make any entries on this subj. line**

In the body of the message, type the following:

**subscribe iamslic <your e-mail address> your first name lastname**

To delete, suspend, or reinstate yourself to the list, please refer to the article appearing elsewhere in this newsletter (click here). Please save this information for future reference.

IAMSLIC maintains a presence on the world wide web. Please check the web page at the following URL:

<http://www.iamslic.org>

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**Start your planning for  
Mazatlan, Mexico  
and the  
28th Annual IAMSLIC Conference  
October 6 - 11, 2002**

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**Contributions to the August, 2002 IAMSLIC  
Newsletter should be sent to the new Editors**

**by**

**August 5, 2002**

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**DISCLAIMER**

IAMSLIC assumes no responsibility for the statements and opinions advanced by contributions to IAMSLIC publications. Editorial views do not necessarily represent the official position of the organization.

**The IAMSLIC Newsletter is published quarterly, in  
February, May, August, and November**

**Letter From The President ...**

Many initiatives and projects are underway by IAMSLIC Committees and Task Forces. The responsibilities of these groups reflect the core values and mission of IAMSLIC - as an IAMSLIC member, you are a part of a dynamic and vital organization. The following list of IAMSLIC Committees includes the names of the Chairs, Members and the Charge each group is working on as we approach the 2002 meeting in Mazatlan, Mexico and build towards the future. Your participation on a committee is always welcome; I encourage you to contact either one of the committee chairs or me if you are interested in working with any of these groups.

**IAMSLIC COMMITTEES 2001-2002**

**STANDING COMMITTEES**

**BYLAWS**

Chair: Linda Pikula (2001-2002)  
 Members: Beth Avery (2001-2002)  
*Charge:* To present proposals for Bylaw amendments to the membership for a vote.  
*Deadlines:* Proposed bylaw changes will be submitted to the Board at least two months prior to the annual meeting and to the general membership with the Board's recommendation one month prior to the annual meeting. Voting will take place at the Annual Business Meeting.

**CONFERENCE**

Established 2001. Includes SPONSORSHIP AND EXHIBITORS TASK FORCE and SITE SELECTION TASK FORCE  
 Chair: Denis Abbott, Senior President-elect 2002 (2001-2002)

Members: Susan Berteaux, President 2001 (2001-2002); Steve Watkins, Junior President-elect 2003(2001-2004); Snowdy Dodson (2001-2003); Joan Parker (2001-2003); Eleanor Uhlinger (2001-2003)

*Charge:* To advise Executive Board on the conference structure and recommend timing, venue and content revisions, if deemed appropriate. To work with the Junior President-Elect to identify funding sources for the attendees and, where appropriate, to solicit grants for attendees. To draft guidelines for conference attendees, including travel amounts, per diem and housing reimbursement. To compile financial records of past conferences, speakers information and other various conference planning information as guidelines to future conference planners. Work with the Archivist and past Treasurers and conference planners to compile these records. This includes compiling these records for the current conference (Mazatlan, Mexico).

*Deadlines:* Prepare report for Board by August 15, 2002. Report to Senior President-Elect and Board regarding guidelines, funding sources etc.

**SPONSORSHIP AND EXHIBITORS TASK FORCE**

Committee Liaison: Snowdy Dodson (2001-2003)  
*Charge:* To solicit and obtain financial support for the 2002 IAMSLIC Conference in Mazatlan, Mexico. To compile methods and procedures to be delivered to Conference Task Force for use by future conference planners/hosts.

*Deadlines:* Report on amount of financial support raised for the 2002 conference by August 1, 2002. Present recommended methods and procedures for future conference planners/hosts to the Conference Task Force

**SITE SELECTION TASK FORCE**

Committee Liaison: Steve Watkins (2000-2002)  
 Members: Joan Parker (2000-2002)  
*Charge:* Solicit from the entire membership proposals for potential host sites for future conferences. Secure written invitations from potential sites and recommend final contenders to the Executive Board for decision. Committee should keep Board apprised of possible sites, invitations received from members throughout the year, and maintain a file of these to be deposited with the Secretary.

*Deadlines:* Written invitations to be delivered to Board August 15, 2002.

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## MEMBERSHIP

Chair: Jane Barnwell (2002-2004)

Members: Helen Ivy (2002-2004); Kate Riddick (2002-2004)

*Charge:* To encourage individual and institutional membership in IAMSLIC, particularly in developing countries and under-represented areas where such membership would enhance and promote access to the rich resources of IAMSLIC's expertise and library holdings.

*Special 2001-2004 charges:*

To encourage greater participation among marine information professionals, including formation of a regional group, from Central America and/or South America.

To strengthen IAMSLIC's presence and member-base in the Pacific region, including Oceania and Australasia (in anticipation of 2004 conference to be held in Hobart, Tasmania).

To review the sponsored members program (3-year trial started in 2000); apprise Executive Board and IAMSLIC members of the status of the sponsored members program.

## MEMBERSHIP DATABASE

Chair: Catherine Hanson-Tracy 1999-ongoing

*Charge:* To maintain IAMSLIC's membership database including renewals. To provide labels and lists to IAMSLIC members for official purposes (at no charge), or to for-profit and not-for-profit agencies (on a fee-for-service basis).

*Deadlines:* Current (2001-2002) Membership Directory will be published by May 30, 2002.

## MENTORING

Established 2001

Chair: Kathy Heil (2001-2003)

Members: Beth Avery (2001-2003); Jean Crampon (2001-2003)

*Charge:* The mentoring committee shall be responsible for providing information and networking opportunities by advising and mentoring newer IAMSLIC members. To accomplish this goal the committee will promote the Annual Conference and pursue additional efforts to orient newer members to the benefits and opportunities of Association membership. 1) Work with the 2002 Mazatlan Conference Steering Committee to integrate welcoming and mentoring activities into the social and professional events during the conference. 2) Post Mentor/Mentee forms to the IAMSLIC website; update

information. 3) Work with the Membership Committee and Membership Database to actively welcome new members and inform them about IAMSLIC activities, conferences and meetings. 4) Identify funding sources to sponsor potential candidates from developing countries or library schools to intern with an IAMSLIC library.

## NOMINATING

Chair: Natalie Wiest (2001-2003)

Members: Evelyn Poole-Kober; Barbara Schmidt

*Charge:* To seek two or more candidates, drawn from personal and institutional members in good standing, for each of the following elected IAMSLIC Offices: PRESIDENT-ELECT 2004-2005 and TREASURER, 2002-2004.

*Deadlines:* Candidates presented to Board two months prior to annual meeting - August 1, 2002. Ballots to be sent out by the Secretary one month prior to the annual meeting to allow adequate time for voting - September 1, 2002

## PUBLICATIONS

Chair: Stephanie Haas 2001-2003

Members: Linda Pikula (2001-2003); Peter Pissierssens; Pauline Simpson (2001-2003); David Hyett (2001-2003); Jim Anderson (2001-2003); Beth Fuseler Avery (ex officio); Roger Kelly (ex officio)

*Charge:*

1) To develop guidelines and a voluntary procedure for peer review of papers to be published in the Proceedings.

2) To encourage the collaborative development of papers both for presentation and publishing at both IAMSLIC conferences and other venues.

3) To explore the possibility of publishing a compilation of selected scholarly papers from past IAMSLIC conferences.

4) To create a Web page for IAMSLIC that will give some basic avenues for publishing articles and explain the peer-review process adopted by IAMSLIC.

*Deadlines:* Preliminary report due to Executive Board on a peer review procedure by December 15, 2001. Recommendations on remaining 4 items due by the end of March 2002.

## RESOURCE SHARING

Chair: Barbara Butler (2000-2002)

Members: Peter Bruggeman; Jean Crampon; Jan Heckman; Kathy Heil; Jim Markham; Gordon Miller;

Linda Pikula; Peter Pissersens; Steve Watkins; Paula Wolfe

*Charge:* Work on some of these projects is being conducted by the ILL/Web Interface Ad hoc Committee (Under Special Committees)

1) To publicize alternative ILL means to the membership, i.e. Z39.50 access through Anne Ball's service, Steve Watkin's Union List, local Regional Group discussion lists

2) To contact individual libraries regarding the Z39.50 project

3) Work with Anne Ball and John Ulmer to include the CYAMUS Union List of Serials in the IAMSLIC Z39.50 collection of databases.

*Deadlines:* 1) Facilitate ongoing discussions and messages on IAMSLIC discussion list

2) Present statistics regarding names and number of members participating in Z39.50 project To accomplish specified goals for the current year, members may be serving on the following committees: ILL/IAMSLIC Web Interface, Electronic Resources, and List Monitoring.

## WEB

*Chair:* Ruth Gustafson (1998-2002)

*Members:* Sally Taylor, Co-Chair (2001-2003); Jan Haspeslagh (2000-2002); Fred Lohrer (2000-2002); Patti Marraro (2000-2002); Maureen Nolan (2000-2002); Lenora Oftedahl (2000-2002); Jackie Riley (2000-2002); Jeff Rothal (2000-2002); Natalie Wiest (2000-2002)

*Charge:* To maintain and document the IAMSLIC web site structure as needed. To work with the Web site contractor on redesign and review of specifications to mount and maintain the IAMSLIC website including site searching, full text access to past newsletters and proceedings, secured access to current publications, a membership list, and other functionality as determined appropriate by the Committee. Note: E-mail discussion list address: webslic@ucdavis.edu .  
*Deadlines:* Ongoing. To report to the President and Executive Board within 30 days after contractor begins project and when milestone events occur.

## SPECIAL COMMITTEES

### ARCHIVES

*Chair:* Vacant as of 20 Feb 2002 (2001- ) *Members:* Elizabeth Winiarz, Secretary (2001-2003)

*Charge:* To collect, organize, and maintain the

business records of IAMSLIC and its affiliated regional groups for legal and research purposes. Note: Continue to send IAMSLIC Archival material to WHOI Archives.

### DOCUMENT DELIVERY EXPLORATION

*Chair:* Eirikur Einarsson

*Members:* Marcel Brannemann, Peter Brueggeman, Jan Haspeslagh

*Charge:* To determine and document cost-effective methods for delivering documents by e-mail and other alternatives to the ARIEL document delivery system. *Deadlines:* Progress report to Exec Board by June 15, 2002

### ELECTRONIC RESOURCES

*Chair:* Charles McFadden

*Members:* Eleanor Uhlinger, Pam Mofjeld

*Charge:* To continue the conversion of past IAMSLIC proceedings and newsletters to digital format and other projects as deemed necessary. *Deadlines:* Progress reports to Executive Board by April 15, 2002.

### ILL/IAMSLIC WEB INTERFACE AD-HOC COMMITTEE

*Chair:* Barb Butler

*Members:* Ruth Gustafson, Kathy Heil, Jan Heckman, Catherine Hanson-Tracy

*Charge:* To continue the implementation of committee's recommendations including the Z39.50 linking libraries project, the, especially the last supplier function. Work closely with the Resource Sharing Committee on projects. *Deadlines:* Progress report to Executive Board by April 30, 2002; Final report to Exec Board by August 30, 2002.

### LIST MONITORING

*Chair:* Jim Markham (ongoing 2001-)

*Charge:* To continue to monitor the IAMSLIC and Regional lists to determine informational traffic patterns and to report those patterns to the Executive Board and membership for planning purposes. Report will include details about how many items were requested.

*Deadlines:* Report to Executive Board August 15, 2002.

### SUBJECT ANALYSIS

*Chair:* Jim Markham (ongoing 2001-)

Members: Craig Emerson; Beth Avery; Jan Haspeslagh

*Charge:* To finish the LC/ASFA crosswalk and to determine appropriate avenues for distribution of the information. Investigate software or new methods to automate the process, at least partly, to make a database that is usable and can be updated regularly, without a huge investment of time. Report to Executive Board and membership for planning purposes.

*Deadlines:* Progress report to Executive Board by April 15, 2002; Final report due August 15, 2002.

## TRAINING

Chair: Vacant (2001-2003)

Members: Jan Heckman ; Pauline Simpson (2001-2003); Sally Taylor (2001-2003); Peter Pissierssens

*Charge:* To determine training needs of members. To develop training programs to deliver at annual/regional conferences.

*Deadlines:* Deliver abstracts of planned training programs to Executive Board by April 30, 2002

## WEB SUBJECT DIRECTORY TASK FORCE

Chair: Ruth Gustafson

Members: Kit Johnson; Mary Lou Cumberpatch; Michelle Bond; Pauline Simpson; Deb Henry; Jan Heckman; Peter Pissierssens; Peter Brueggeman; Joan Baron Varley

*Charge:* To work on creating a BioSites/Yahoo-like subject directory of key Web resources pertinent to the aquatic and marine sciences. This directory to include links/cooperative sharing with resources such as OneFish and OceanPortal. \*E-mail discussion list address: iamwebsubj@ucdavis.edu. Deadlines: Report on progress to President and Executive Board by May 15, 2002.

**Note:** While the procedure for updating IAMSLIC Web pages is under development, the 2001-2002 committee roster can be found on a temporary space at:

[http://scilib.ucsd.edu/sio\\_instruct/iamslic2002/committees2001-2002.htm](http://scilib.ucsd.edu/sio_instruct/iamslic2002/committees2001-2002.htm)

Susan Berteaux

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**IAMSLIC 2002**  
**MAZATLAN, MEXICO**  
**October 6 - 11**

## PEOPLE

### IAMSLIC members participate in Oceans 2002 meeting in Honolulu, Hawaii

Joan Parker, MLML/MBARI Library, and Eleanor Uhlinger, MBL/WHOI Library, had a special session accepted for this meeting. "Scientific Communication Publish and Libraries: What Lies Ahead" covers all facets of scientific communication and one paper contributed by a team of scientists.

Heather Joseph from BioOne began with a presentation describing their role in the changing landscape. They are providing a lower-cost alternative for societies who would like to provide electronic access but do not have the expertise, time or money to do it themselves. Heather's comments also served as a very informative overview of the problems facing scientists and publishers. As one of her former jobs was with Elsevier, she was very clear about the role of profit in the commercial publishing business. She also stressed the centrality of libraries to BioOne.

<http://www.bioone.org/bioone/?request=index-html>

Dr. Michael Parsons, assistant professor at University of Hawaii Hilo, provided the scientist's perspective on the electronic publishing revolution. Quite amazing that we found a marine biologist, from Hawaii, who signed the Public Library of Science letter! His amusing, but cogent, remarks highlighted the publication process and noted at which steps costs were involved (his costs as well as the scientific editor's costs). Michael clearly understood and commented upon the roles of the creators, marketers, and distributors of scientific information, i.e. the scientists, publishers, and libraries. He shared his view of the future which generated much discussion with the audience during the Q & A sessions.

<http://www.publiclibraryofscience.org/>

Due to a last-minute cancellation, we had ample time for questions and comments from the audience. From our perspective the audience contained young as well as seasoned scientists, publishers (commercial and society), and representatives from major grantmaking organizations. The dialogue between and among audience and speakers covered the gamut from the high costs of publications (and who

should bear these costs) to issues about copyright and fair-use. Not surprisingly it was a lively interaction, and a pleasantly well-informed audience. But our favorite question came later in the program.

Dr. Fausto Marincioni, United States Geological Survey, (Atlantic Branch), spoke about a prototype distributed geolibrary that catalogues and provides access to web-based information about marine and coastal environments. While the prototype is still under development and currently only indexes US federal government websites, the geolibrary concept provides a new way of organizing and viewing scientific information in all its shapes and forms.

<http://www.publiclibraryofscience.org>

Judy Holojiak, Publications Director, of AGU spoke next. She explained that AGU has truly moved into real electronic publishing and plans to provide legacy access to its content. This, of course, takes substantial resources and Judy described the steps AGU has taken to provide such access at various (controversial) pricing schemes. Judy's presentation sparked our favorite question--courtesy of Seelye Martin, a professor at the University of Washington School of Oceanography. We paraphrase: "Why do the taxpayers of the State of Washington have to subsidize AGU journal publication costs?" <http://www.agu.org/pubs/pubs.html>

The final speaker was Kristien van Lunen, Ocean Sciences Publishing Editor for Elsevier Scientific. She was invited to talk about the nuts and bolts of publishing "*Deep Sea Research*." Her presentation was an in-depth look at using ScienceDirect. She used *Deep Sea Research* to demonstrate ScienceDirect's search capabilities and commented on the impact e-access has had on this long-published journal.

This was a very productive experience, and given the opportunity we would gladly do it again. Be pro-active and spread the wealth of your professional experience; take any opportunity to bring scientists, publishers, and librarians together to discuss scholarly communication. As we've discovered you don't have to be invited – submit a special session and you're likely to be accepted. Here's some food for future thought: The other hot topic at the AGU/ASLO Ocean Sciences meeting was biogeoinformatics. Unfortunately this session was scheduled in direct conflict with ours but we pointed out to AGU and

biogeographics session organizers "you ought to get some librarians in on those discussions!". Check out the OBIS (Ocean Bio-geographic Information System) website if you're curious. <http://www.iobis.org>

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- 

**Prepare**

**For**

**MAZATLAN**

## EDUCATION AND TRAINING

### EDUCATION

#### University at Buffalo, Department of Library and Information Studies

The Department of Library and Information Studies at the University at Buffalo will offer two graduate courses over the Internet both the Summer and Fall 2002 semesters. The summer courses will be offered from May 20 - June 28 Summer Sessions registration begins Monday, March 18. Fall Semester courses will be offered August 26 - December 6, 2002. Fall 2002 registration begins March 30, 2002.

LIS 581 - Management of Libraries and Information Services

LIS 519 - Selection, Acquisition and Management of Non-Book Materials

See the Distance Learning WebPage for cost and online registration details:

<http://www.sis.buffalo.edu/faculty/ellison/distance.html>

See link to course descriptions at:

<http://www.sis.buffalo.edu/faculty/ellison/ellison.html>

Persons with questions regarding the above courses should contact: Dr. John Ellison at

[johnwellison@yahoo.com](mailto:johnwellison@yahoo.com)

#### Virtual Collection Development, Digitization, and Metadata

The School of Library & Information Studies at the University of Wisconsin-Madison will again offer its popular interactive continuing education courses via the Internet. Three courses will be offered this summer: *Introduction to Metadata*, June 3 - July 14; June 17 - August 6; and *Decision-Making for Digitization*, July 1 - August 9. You can participate at any time of day. You will receive a password to access our online courseware, which provides the means to post assignments, do readings, and discuss the topics with other students and the instructor. Full course descriptions and registration information is available at

<http://www.slis.wisc.edu/academic/ces/index.html>

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**Remember, Mazatlan**

*Introduction to Metadata: Learn about the different types of metadata: structural, descriptive, and administrative.* An overview of major metadata schemes such as Dublin Core is included, as well as the chance to examine metadata application in digital collections on the Web. Fee: US\$249

*Virtual Collection Development: How to select and evaluate free and licensed electronic resources and a look at the evolving responsibilities of a collection development librarian.* We'll examine collection development policies for electronic resources, licensing agreements, selection tools, and delivering electronic resources to patrons. Fee: US\$299.

*Decision-Making for Digitization: If you are interested in digitizing a text, image, archival or sound collection, there are many decisions to make, and no single best answer. If you are new to the process of creating a digital collection, this course will help you understand the various options. It will not teach technical skills, although it will provide some of the technical concepts and vocabulary, but rather is intended for the management process that precedes the technical application.* Fee: US\$249

For more information about the course outlines and format, see

<http://www.slis.wisc.edu/academic/ces/index.html>.

For other course or registration information, please email [cesinfo@slis.wisc.edu](mailto:cesinfo@slis.wisc.edu) or contact Jane Pearlmutter, director of continuing education, UW-Madison School of Library & Information Studies, 600 N. Park Street, Madison WI 53706 USA, 608-262-6398, [jpearl@slis.wisc.edu](mailto:jpearl@slis.wisc.edu)

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## PUBLICATIONS

### JOURNALS AND ARTICLES

***Coastal Connection. Washington, D.C: Marlowe & Company. Weekly. \$350.00/year***

This weekly electronic newsletter provides information on regulations, laws and new legislation in the areas of environmental policy, coastal engineering and natural resource management. Will be of interest to those wanting to follow the happenings in Washington, D.C., U.S.A. [BA]

**Kingsland, James.** Oxford Reference Online. **New Scientist**  
<http://www.newscientist.com/opinion/opbooks.jsp?id=ns23408>

A favorable review of the product. However, this reviewer expresses his belief that they put the lid on the coffin of libraries with the Internet. [BA]

**Selzer, Richard.** **Google's weakness and AltaVista's strength.**  
<http://www.samizdat.com/google.html>

This article is a reaction to "How I Learned to Stop Worrying and Love the Panopticon" by Cory Doctorow 03/08/2002, which is posted at [http://www.oreillynet.com/lpt/a//network/2002/03/08/cory\\_google.html](http://www.oreillynet.com/lpt/a//network/2002/03/08/cory_google.html), and which begins: "How much ass does Google kick? All of it." Selzer makes the point the Google may not be the best search engine for new sites. [BA]

## FAO PUBLICATIONS

**Code of Conduct for Responsible Fisheries [CD-ROM 2001].** Rome, 2002. Trilingual (En/Fr/Es). ISBN 92-5-004755-X, TC/C/Y3534/Tri. \$25.00.

This CD-ROM contains the Code of Conduct for Responsible Fisheries and its supporting documents and instruments, including the international plans of action, technical guidelines, documents prepared for the 23rd and 24th sessions of the FAO Committee on Fisheries and the video entitled "Connecting the lines". It is planned to update this CD-ROM periodically as more information becomes available.

**Decision-support systems for fisheries. The "ITAFISH" case study.** General Fisheries Commission for the Mediterranean (GFCM) Studies and Reviews No. 72 Rome, 2001. 58p. ISBN 92-5-104701-4 ISSN 1020-7236 TC/M/Y2793/E \$16.00

The purpose of the ITAFISH project, executed jointly by the Italian Ministry of Agricultural and Forestry Policies and FAO, was to design, develop and test a computerized system or methodology for the organization, storage and first analysis of the existing

organization, storage and first analysis of the existing data on fisheries and aquaculture available in the Mediterranean for decision-making. The system is based on a network of institutions and users that exchange data and information using the applications and exchange formats developed by the project. This paper describes the ITAFISH project regarding: the context in which it was conceived and developed, its contents, the input models, the functioning and the outputs, and how it is managed.

**European Inland Fisheries Advisory Commission. Report of the Ad Hoc EIFAC/EC Working Party on Market Perspectives for European Freshwater Aquaculture.** Brussels, Belgium, 14-16 May 2001 EIFAC Occasional Paper No. 35 Rome, 2001. 142p. ISBN 92-5-104700-6 ISSN 0258-6096 TC/M/Y2792/E \$14.00

Production of freshwater fish is a major branch of European aquaculture. The outcome of this workshop is to provide key information and strategic advice on how to fulfil the production potential of the sector to: (i) policy-makers, administrators and legislators; (ii) future investors; (iii) consumers; and, particularly, (iv) producers. Trout and carp dominate European aquaculture, whereas there are other promising candidates for culture that have not been profitably exploited.

**Genetic resources of common carp at the Fish Culture Research Institute, Szarvas, Hungary.** FAO Fisheries Technical Paper No. 417 Rome, 2001. 112p. ISBN 92-5-104658-1 ISSN 0429-9345 TC/M/Y2406/E \$18.00

Common carp is one of the oldest cultured and most domesticated fish in the world, and is a very adaptable species in both the wild and in culture conditions. The genetic resources of common carp maintained at the Fish Culture Research Institute in Szarvas, Hungary, are described in this paper. The genetic improvement of common carp in Hungary started in 1962. Five main features were evaluated that determined the economic value of the resulting strains: survival, weight gain, feed conversion ratio, slaughter value and fat content of the meat. The Fish Culture Research Institute plays a key role in a national breeding programme in Hungary that provides fish

farms and fish seed production units with parental lines of hybrid common carp.

**Report of and papers presented at the Expert Consultation on Illegal, Unreported and Unregulated Fishing. Sydney, Australia, 15-19 May 2000. FAO Fisheries Report No. 666. Rome, 2001. 312p. ISBN 92-5-104732-4, ISSN 0429-9337. TR/M/Y3274/E. \$24.00**

The issue of illegal, unreported and unregulated fishing in world fisheries is of serious and increasing concern. A consultation on the subject was organized by the Government of Australia in cooperation with FAO. Selected experts were invited to prepare papers as background documents to assist the work of the Consultation. These experts were also invited to prepare text for the preliminary draft of the international plan of action to combat illegal, unreported and unregulated fishing. The preliminary draft international plan of action elaborated by the experts is appended to the report of the Consultation.

**Report of the Trilateral Workshop on Lanternfish in the Gulf of Oman. Muscat, Oman, 7-9 May 2001. FAO Fisheries Report No. 665 Rome, 2001. 28p. ISBN 92-5-104726-X ISSN 0429-9337 TC/M/Y2967/E \$12.00**

The main issues addressed by the workshop included the situation of myctophid resources in the Gulf of Oman, their biology and stock assessment, estimation of the precautionary harvest levels, research activities for assuring their effective management, bycatch from lanternfish fishing, exploitation trials in the Gulf of Oman, efficient capture and handling, options for utilization, processing and ecology of myctophids in the Gulf of Oman.

**Sharks of the world. An annotated and illustrated catalogue of sharks species known to date. Vol. 2 Bullhead, mackerel and carpet sharks (Heterodontiformes, Lamniformes and Orectolobiformes) FAO Species Catalogue for Fisheries Purposes No. 1, Vol. 2 (NEW SERIES!) Rome, 2001. 278p. ISBN 92-5-104543-7 ISSN 1020-8682 TC/M/X9293/E \$38.00 (Vol. 1 is expected to be ready by December 2002 and Vol. 3 by October 2003).**

This is an extensively rewritten, revised and updated version of the original FAO Catalogue of Sharks of the World. The present volume reviews all 15 families, 25 genera and 57 species of living bullhead, mackerel and carpet sharks (orders Heterodontiformes, Lamniformes and Orectolobiformes - the non-carcharhinoid galeomorph sharks), including certain well-established but currently undescribed species mainly from Australia. Accounts for all orders, families and genera are given and all keys to taxa are fully illustrated. Information under each species account includes: valid modern names and original citation of the species (or subspecies); synonyms; the official FAO names for the species in English, French and Spanish; a lateral view and often other useful illustrations; field marks; diagnostic features; distribution, including a GIS map; habitat; biology; size; interest to fisheries and human impact; local names when available; a remarks section when necessary; and literature. The volume is fully indexed and also contains sections on terminology and measurements including an extensive glossary, a list of species by FAO Statistical Areas, an appendix on shark preservation and an extensive bibliography.

**Sociétés maritimes, droits et institutions des pêches en Méditerranée occidentale. Revue synthétique des droits collectifs et des systèmes décentralisés de discipline professionnelle. FAO Document technique sur les pêches No. 420. Rome, 2001. 72p. ISBN 92-5-204696-8 ISSN 1014-1146. TC/M/Y2788/F \$14.00**

Depuis des temps immémoriaux, la Méditerranée est riche d'expériences d'aménagement basées sur des droits collectifs et des systèmes décentralisés de discipline professionnelle. Ce document aborde les politiques de gestion des pêches en Méditerranée au regard des nouveaux objectifs de durabilité et de gouvernance. L'emphase est placée sur la décentralisation de l'action publique et la réforme des mécanismes institutionnels.

**Sample-based fishery surveys. A technical handbook. FAO Fisheries Technical paper NO. 425. Rome, 2002, 142p. ISBN 92-5-104699-9, ISSN 0429-9345, TC/M/Y2790/E.**

The purpose of this handbook is to summarize experience gained over recent years in fishery

statistical development by the Fishery Information, Data and Statistics Unit (FIDI) of FAO, and provide planners and users of fishery surveys with simple and step-by-step guidance for developing and implementing cost-effective and sustainable fishery surveys. The methodological and operational concepts discussed here apply equally to marine and inland capture fisheries and are presented in a manner that is generic enough to make them adaptable to most commonly used data collection systems. Statistical aspects are presented in a descriptive rather than theoretical manner. Emphasis is placed on the understanding and interpretation of the statistics and related indicators collected, rather than on the computations producing them. Readers interested in a more in-depth discussion on statistical and computing approaches may make use of the list of references that is given at the end of the handbook.

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## PUBLICATION AND PRESENTATION OPPORTUNITIES

### *College and Undergraduate Libraries*

*College and Undergraduate Libraries* provides practical, well-written pieces for small college libraries and larger undergraduate libraries. Of particular interest at this time are articles on college library budgeting, consortial purchasing, faculty-librarian collaboration, acquisitions, fund raising activities, use of video streaming in instruction, distance learning, GIS, measurements of library use, preparation for accreditation. Instructions for authors are available from the editor via [barnello@mail.lemoyne.edu](mailto:barnello@mail.lemoyne.edu). All proposals and/or manuscripts should be sent directly to the editor -- Inga H. Barnello, Editor, *College & Undergraduate Libraries*, Librarian for the Social Sciences/Coord. of Library Instruction, Noreen Reale Falcone Library, 1419 Salt Springs Rd. Syracuse, NY 13214-1399. e-mail: [barnello@mail.lemoyne.edu](mailto:barnello@mail.lemoyne.edu) fax (315) 445-4642. phone (315) 445-4326

### **2002 International Paper Contest on International Digital Libraries and Information Science & Technology Advances in Developing Countries**

The American Society for Information Science & Technology (ASIST), International Information Issues Special Interest Group, is pleased to

announce its third competition for papers to be submitted for the 2002 Annual Meeting, November 18-21 2002, Philadelphia, PA. The theme of the paper is: "Knowledge, Connections and Communities: the developing world perspective." The paper topic could be at the country or regional level. Papers could discuss issues, policies and case studies on specific aspects of this theme, such as, but not limited to, the following: knowledge management, knowledge sharing, indigenous knowledge, development of electronic resources across networks, connections and connectivity, the digital divide, globalization and cultural identity, bringing access to information to distant and disadvantaged communities.

There will be six winners. Winners will be selected by a panel of judges, which will include Diane Hopkins, The World Bank; Nathalie Leroy, United Nations; Cavan McCarthy, Louisiana State University, Michel Menou, City University of London; and Margarita Studemeister, United States Institute of Peace. The prize for each winner is a two-year individual membership in ASIST. In the case of multiple authors, the principal author will be awarded the ASIST membership.

Paper Presentation: Summaries of the first four papers will be presented at a Conference Session. Although travel funds are not offered, authors are invited to present their papers, or have someone present them on their behalf.

Other Publishing Opportunities: Submitted papers will be considered for posting on the SIG III web site as pre-publications. In addition they will also be considered for inclusion in the *ASIS Bulletin*, based on the decision of Editor-in-Chief, Irene Travis, Ph.D. Papers will also be reviewed for inclusion in a special issue of the *International Information and Library Review*, Academic Press, subject to the usual peer refereeing process; the Editor is Dean Toni Carbo of the University of Pittsburgh School of Library and Information Science.

Information for Authors: Only papers by a principal author who is a citizen of, and resides in a developing country are eligible. Winners in the 2000 or 2001 contests are not eligible. The papers should be original, unpublished, preferably in English, but submissions in French or Spanish will be accepted. We encourage submissions from librarians, informa-

tion and network specialists, and educators involved in the creation, representation, maintenance, exchange, discovery, delivery, and use of digital information. ASIS Copyright Policy: ASIS will have the non-exclusive right to publish any of the papers submitted on its web site or in print, with ownership and all other rights remaining with the author.

Deadline for Submission of Full Papers: Authors are invited to submit manuscripts, not to exceed 6000 words, by July 31, 2002. Authors are encouraged to submit papers electronically. For more information or to submit manuscripts, please contact Yunfei Du by e-mail at the following address: [ydu@lis.admin.unt.edu](mailto:ydu@lis.admin.unt.edu)

### **Call for Abstracts: *The Reference Librarian***

Topic: Do You Really get More Flies with Honey? relationships between teaching faculty/administrators and teaching librarians.

Would you like to be published in *The Reference Librarian*? I am soliciting 200 word abstracts of articles contributed for a spring 2004 issue. The overall theme will concern faculty relationships with librarians who teach. Some suggestions for possible topics are: partnerships in credit-bearing courses, forging relationships with faculty or other patrons, liaison programs, teaching techniques, working with first year interest groups or other special programs, teaching concepts & tools at an appropriate level, assessment, critical thinking, tenure. What will be the next big issues to confront librarian instructors? While many of these ideas suggest an academic library setting, input from other teaching librarians are welcome. If you have an idea, or have participated in a project that might be of interest to other librarians, let me know. Deadline for abstracts: August 31, 2002. Cut-and-paste into e-mail, if possible. After evaluating all abstracts, I will respond to you by Nov. 1, 2002. Deadline for first draft of article: April 15, 2003. Deadline for final draft/camera-ready copy and diskette: September 15, 2003. Thanks for your consideration. Susan Kraat (Published by Haworth Press: *The Reference Librarian* is issued quarterly with simultaneous publication as a monograph) Edited by Susan Kraat, [kraats@newpaltz.edu](mailto:kraats@newpaltz.edu), 845-257-3705

### **The VRD 4th Annual Digital Reference Conference: Charting the Course of Reference: Toward a Preferred Future, November 11-12, 2002 Chicago, IL**

Proposals are invited for concurrent breakout session presentations at the VRD 4th Annual Digital Reference Conference on Monday and Tuesday, November 11-12, 2002. This conference explores the nature of Internet-based question-and-answer service within a broad range of contexts, including libraries and information centers, government, business, education, and other industry sectors or organizations, as well as the specific issues involved in providing any type of digital reference service. The theme of this year's conference, "Charting the Course of Reference: Toward a Preferred Future," emphasizes planning and direction founded upon practical experience, research, or trend analyses. Authors are encouraged to examine issues, identify practices, and propose organizational and technological systems, standards, and practices that advance the state of reference librarianship as practiced in a digital environment. Presenters will receive free admission to the conference. Deadlines: Proposals will be accepted until Wednesday, May 15, 2002 (see proposal submission instructions below). Selected presenters will be notified by Monday, June 17, 2002. Final papers are due Friday, November 22, 2002 in order to be considered for inclusion in the VRD Conference print proceedings. PowerPoint presentation slides, handouts, and other materials to be published in the VRD electronic proceedings will be due Friday, November 29, 2002.

CONFERENCE THEMES: Proposal themes may include, but are not limited to, the following topics and categories: Technology for Digital Reference, Real-time/live reference, Software selection issues, Commercial vs. "home-grown" solutions, Standards for digital reference technology, Tools for digital reference, including: Workflow software (for question/answering), Question-answer archiving tools/knowledge bases, Web contact center software, Customer relationship management software, Networking/routing solutions, Voice over IP (VoIP), Planning for technological evolution, Digital Reference Service Management, Foundations for building digital reference services, Defining service levels, Integration of digital reference into other reference models (service hybrids), Archiving/

tracking questions and answers/FAQs, Policies and standards for consortia and cooperative reference, Evaluation approaches and quality standards, Training solutions and models for service staff, Models for funding/pricing, Personnel/staffing, optimizing human resources, Planning for equipment and space, Marketing services to potential users, Reference outsourcing, General Issues in Digital Reference, Partnerships - cooperative/collaborative networks, sharing/pooling resources, Partnerships with vendors, How to identify, attract, and keep patrons, Intranets, Commercial/fee-based services, Question negotiation in the digital environment, Policies and the law - privacy, ethics, copyright, licensing, Accessibility, Case studies (experiences from practicing digital reference services in all contexts), Physical spaces for virtual services - how physical spaces are transformed vis--vis virtual services, Performance and evaluation measures, Future directions of reference, Digital Reference Resources, Search engines, Reference meta-sites, Collection development, Online resources for ready reference, Intermediary search services vs. end-user systems, Locally-mounted digital resources vs. remote resources, Evaluation of digital reference resources.

**PROPOSAL SUBMISSION INSTRUCTIONS:** Proposals should include speaker's name, job title, institution, address, phone, fax, e-mail, brief biographical information, and a topic related abstract of 250-500 words. Please submit your proposals via the Web form at [http://vrd.org/conferences/VRD2002/proposal\\_form02.shtml](http://vrd.org/conferences/VRD2002/proposal_form02.shtml) by May 15, 2002. Authors may also e-mail their proposals to VRD Conference at [vrdconf@vrd.org](mailto:vrdconf@vrd.org)

**Print and Electronic Proceedings:** Presenters are encouraged to submit papers or related materials (e.g., handouts, copies of slides, etc.) for publication in the conference's print and electronic proceedings. The print proceedings will be comprised of peer-reviewed papers from the 2002 conference, and the content will differ from material published in the online proceedings. For more information, contact [vrdconf@vrd.org](mailto:vrdconf@vrd.org)

For more information regarding the VRD 2002 Annual Digital Reference Conference, please contact Marilyn Schick, [vrdconf@vrd.org](mailto:vrdconf@vrd.org), 800-464-9107.

**DEADLINES:** Proposals Due: May 15, 2002. Notification of Acceptance: June 17, 2002. Final Papers Due for Print Proceedings Consideration: November 22, 2002. Presentations and Other Materials Due for Electronic Proceedings: November 29, 2002.

**LIBCOM-2002. Sixth International Conference and Exhibition. *Information Technologies, Computer Systems and Publications for Libraries.* November 11-15, 2002.** Zvenigorod, Moscow Region, Russia

Conference Organizers: - Russian National Public Library for Science and Technology - Ministry of Industry, Science and Technology of the Russian Federation - Ministry of Culture of the Russian Federation - International Library, Information and Analytical Center - International Association of Electronic Libraries and New Information Technologies Users and Developers

Traditionally, the Conference focuses on the state-of-the-art and prospects of new information, computer and Internet technologies in libraries daily routines; development of cooperation between libraries and research, cultural, educational and publishing institutions as well as with book sellers and book distributors.

Special attention at LIBCOM 2002 Conference will be given to the problems of information and library resources system and network integration and the role of the Internet in library and information services transformation. Electronic libraries, corporate systems and copyright are permanently within the scope of the Conferences topics. The Conference Program is based on the analysis of participants' requests and special invitations for presentations issued by the Program Committee to selected experts in the Conference topics.

Contacts: Ms. Nadezhda Garmashova, Tel: 7-095-923-1249, Fax: 7-095-921-9862 Email: [sigla@gpntb.ru](mailto:sigla@gpntb.ru) and Ms. Ksenia Volkova, Tel: 7-095-928-1340, Fax: 7-095-921-9862, E-mail: [kv@gpntb.ru](mailto:kv@gpntb.ru)

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**THINK**  
**MAZATLAN**

**LIBRARY AND INFORMATION SCIENCE  
CONFERENCES**

**JUNE 2002**

**2-6.** Kansas City, MO, U.S.A. The International Association of Technological University Libraries, 23rd Annual Conference "*Partnerships, Consortia, & 21st Century Library Service*" For further information: <http://www.lindahall.org/iatul2002/>

**8-16.** Sudak, Autonomous Republic of Crimea, Ukraine. *Ninth International Conference Crimea 2002. Libraries and Associations in the Transient World: New Technologies and New Forms of Cooperation.* For further information:

<http://www.iliac.org/crimea2002>

**13-19.** Atlanta, GA, U.S.A. *American Library Association Annual conference.* For further information: <http://www.ala.org/cro/cal>

**18-21.** Arlington, VA, U.S.A. *INET 2002: Internet Crossroads: Where Technology And Policy Intersect.* For further information:

<http://www.isoc.org/inet2002/cfc>

**19-23.** Halifax, Nova Scotia, Canada. Annual Conference of the Canadian Library Association, *Inventing our Future.* For further information: <http://www.cla.ca/conference/cla2002/index.htm>

**20-23.** Williamsburg, VA, USA North American Serials Interest Group (NASIG) Annual Conference, "*Transforming Serials: The Revolution Continues*" For further information:

<http://www.nasig.org/public/NASIG2002.html>

**JULY 2002**

**10-13.** Granada, Spain. International Society for Knowledge Organisation (ISKO). *Challenges in Knowledge Representation and Organization for the 21st Century: Integration of Knowledge Across Boundaries.* For further information:

<http://is.gseis.ucla.edu/orgs/isko/news.html#2002>

**14-** Portland, OR, U.S.A. Association for Computing Machinery (ACM) & ACM SIGIR (Special Interest Group on Information Retrieval) & IEEE Computer Society *Joint Conference on Digital Libraries.* For further information: <http://www.ohsu.edu/jcdl/>

**OCTOBER 2002**

**6-11.** Mazatlan, Mexico, *Bridging the digital divide*" the 28th annual IAMSLIC conference. For further information:

<http://www.nefsclibrary.nmfs.gov/2002iamslic/2002home.html>

**ELECTRONIC LIBRARY**

**ACRONYM FINDER... a free online resource**  
<http://www.wiley.com/trackthrough?urlcode=20176531>

This free resource from Wiley InterScience provides an interface for Scientific and Technical Acronyms, Symbols and Abbreviations. Search or browse thousands of entries in a convenient pop-up format.[Source: Wiley InterScience Life Sciences News (Apr 2002)] [EU]

**The American Museum of Natural History Congo Expedition 1909-1915**  
<http://diglib1.amnh.org/>

In 1909, scientists Herbert Lang and James P. Chapin, as well as numerous assistants, set out into the remote Central African Congo River basin to explore and catalog the many extraordinary plant and animal species found within. This fabulous new Web site from the American Museum of Natural History details the six-year expedition that resulted in the first comprehensive study of the Congo basin. This online exhibit includes field notes, photographs, illustrations, interactive maps, and films of early 20th century Congo biological and cultural features. There is also a searchable collection of scientific publications, many of which were authored by Lang, Chapin, and their contemporaries. This is a rich resource that is likely to appeal to many. [AL, NSDL Scout Report for Life Sciences, v1(4) March 8, 2002]

**Aquatic Ecosystems and Global Climate Change: Potential Impacts on Inland Freshwater and Coastal Wetland Ecosystems in the United States [.pdf]**  
<http://www.pewclimate.org/projects/aquatic.cfm>

The latest report by the Pew Center for Global Climate Change is the seventh in a series of reports on the potential impacts of global climate change. The report predicts that projected climate change over the next 100 years will have significant impacts on valuable US freshwater ecosystems. Introductory sections are viewable online, while the entire report can be downloaded in Adobe Reader (.pdf) format. [AL, NSDL Scout Report Life Sciences v.1(2) February 8, 2002]

**Beach Erosion [QuickTime]**<http://whyfiles.org/091beach/index.html>

The Beach Erosion site of the WhyFiles (last mentioned in the August 9, 1996 Scout Report), a project funded by the graduate school of the University of Wisconsin-Madison, has been recently updated. Its newest addition includes a story about the population of the tiny Pacific Island nation of Tuvalu that is preparing to abandon its home due to rising sea levels. The site takes a look at this subject and the resulting increased beach erosion that takes place around the world. Visitors can read about the physical processes of beach erosion, view a QuickTime movie of a house falling into the ocean, and more. The site includes good descriptions, photographs, and links to additional information (although some were broken at the time of this annotation), giving interested readers insight into this widespread phenomenon. [JAB, NSDL SCOUT Report for Physical Sciences, v.1(2) February 8, 2002]

**Bioinformatics.org**<http://bioinformatics.org/>

Bioinformatics.Org is a nonprofit academic organization that is committed to promoting the free exchange of biological information. This Web site currently hosts 48 research projects, along with free software and news. The Frequently Asked Questions section provides an overview of the field of bioinformatics, other resources, and career information. Even though free, registration is required to access some sections of the site. (Note: At the time of publishing, this Web site was down for routine maintenance.) [AL, NSDL Scout Report Life Sciences v.1(2) February 8, 2002]

**The Bioluminescence Web Page**<http://lifesci.ucsb.edu/~biolum/>

Bioluminescence is "simply light produced by a chemical reaction which originates in an organism." This Web site from the University of California at Santa Barbara intends to provide a reliable source of information on this somewhat obscure subject. The site contains a lot of basic information about the chemistry of bioluminescence and specific bioluminescent organisms, along with some fabulous images. More specific information can be obtained

through research abstracts and citations posted in the Research Forum and recently added workshop section. This is an attractive site that will appeal to a wide variety of audiences. [AL, NSDL Scout Report for Life Sciences, v1(4) March 8, 2002]

**COPAC Union Catalog**<http://copac.ac.uk/copac/>

COPAC is a union catalogue. It provides FREE access to the merged online catalogues of 22 of the largest university research libraries in the UK and Ireland. [EC]

**CSIRO Land and Water**<http://www.clw.csiro.au/>

CSIRO Land and Water is an Australian research organization working with government and industry to solve some of Australia's environmental challenges. The Current Issues section of this Web site offers some understanding of the resource management and ecosystem issues facing Australia, including agricultural and aquatic ecosystem issues. The site also offers an Image Gallery containing almost 1,200 downloadable images that visitors can browse by category or search by keyword. [AL, NSDL Scout Report Life Sciences v.1(2) February 8, 2002]

**Database of Ship Collisions with Icebergs**[http://www.nrc.ca/imd/ice/scdb\\_index.html](http://www.nrc.ca/imd/ice/scdb_index.html)

As part of the Institute for Marine Dynamics of the National Research Council Canada, Database of Ship Collisions with Icebergs is written and managed by Brian T. Hill. The database contains 560 incidents and "concentrates on iceberg collisions in the North Atlantic off Newfoundland and Labrador but does include a few incidents further north, around Greenland, and also in the fiords of Alaska." The database loads onto one page but is linked to various categories, including a chronological listing and alphabetical listing by vessel. Each brief entry contains a position of impact section, a description of the incident, number of lives lost or injured, and damage done to the vessel. If interested, the database can be viewed as an Adobe Acrobat (.pdf) file for printing or downloaded as a .ZIP file. Mac users should be wary of the Web site version though; it has some bugs with certain Mac browsers, most notably IE 5 for Mac. [JAB, NSDL SCOUT Report for Physical

Sciences, v.1(2) February 8, 2002]

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### Drafting a Faculty Copyright Ownership Policy

<http://ts.mivu.org/default.asp?show=article&id=982>

Great perspective on a topic of critical interest to everyone engaged in academic writing and research, but especially to those laboring ex officio. In an era when copyright is being rewritten and reconsidered in almost every field of endeavor, this article explores the ramifications of changing copyright agreements and expectations from the viewpoint of those writing on campus, as part of their work. While many in the academy are still engaged in the same kind of writing traditionally expected of faculty, many are now working in much different venues, in particular in the creation of online resources in the form of courses or stand-alone informational Web pages. Who owns what is created? The university, the department in which the instructor works, or the author alone? Or all of the above? Governing boards of academic institutions across America are rapidly coming to the conclusion that the university should enjoy the privileges of authorship, regardless of who does the work. A clear wake-up call, this article insists that authors, whoever they might be, get involved now. At the very least, the article insists that authors as employees must establish at the outset who is going to own what gets created under the aegis of the

academy. [WH, 8(13)19 April 2002]

### Eutrophication and Algal Blooms

1. NewScientist.com: Red Tide Wipes Out Kenyan Fish  
<http://www.newscientist.com/news/news.jsp?id=ns99991883>
2. Scientific American: Shrinking the Dead Zone  
<http://scientificamerican.com/2001/0701issue/0701scicit1.html>
3. Minnesota Environment: Oxygen-Poor ‘Dead Zone’ Links Gulf of Mexico with Minnesota Waters  
<http://www.pca.state.mn.us/publications/mnenvironment/fall2000/hypoxia.html>
4. EPA: Eutrophication  
<http://www.epa.gov/maia/html/eutroph.html>
5. The Harmful Algae Page  
<http://www.redtide.whoi.edu/hab/>
6. Northwest Fisheries Science Center: An Algae Bloom  
<http://www.nwfsc.noaa.gov/hab/blooms.htm#bloom>
7. NOAA: Harmful Algal Bloom Forecasting Project  
<http://www.csc.noaa.gov/crs/habf/>
8. Neuse Estuary Eutrophication Model  
<http://www.coe.uncc.edu/~jdbowen/neem/>

Eutrophication is occurring in waters around the world and can have serious effects on marine life and humans. Excess nutrients cause the algae to “bloom,” which affects aquatic life by depleting oxygen; some algae species also emit neurotoxins that impact marine species directly.

The first (1) is an article from New Scientist about the recent occurrence of thousands of dead fish on Kenyan shores. Oxygen deprivation due to algal blooms has become quite serious in the Gulf of Mexico, as described in the second (2) article from Scientific American. An article from the Minnesota Pollution Control Agency (3) discusses how places even as far inland as Minnesota can contribute to the problem in the Gulf of Mexico. The next site (4) from the US Environmental Protection Agency includes information about eutrophication, what causes it, why we should be concerned, and various links. The National Office for Marine Biotoxins and Harmful Algal Blooms at Woods Hole Oceanographic Institution has created the this Web site(5) (last mentioned in the October 29, 1997 Scout Report for Science & Engineering) that gives the basics on harmful algal blooms. The National Oceanic and Atmospheric Administration (NOAA) Northwest Fisheries Science

Center (6) also has a page that includes photos and information about marine algae. NOAA also has harmful algal bloom forecasting project (7) which uses remote sensing to help predict algal blooms. The last site (8) is a modeling project used to predict water quality and nutrient loading in the Neuse River Estuary in North Carolina. [AL, NSDL Scout Report Life Sciences v.1(2) February 8, 2002]

**Genetic Status of Atlantic Salmon in Maine [.pdf]**  
<http://www.nap.edu/books/0309083117/html/>

This interim report from the National Research Council's (NRC) Committee on Atlantic Salmon in Maine is a prepublication of the March 2002 report provided by National Academy Press. The once abundant populations of Atlantic Salmon in Maine have declined in recent years, now listed as endangered. The NRC Committee believes that "understanding the genetic makeup of Maine's salmon is important for recovery efforts." This 48-page report includes information on the salmon's biology, evolution, genetics, its current state, and the committee's conclusions. It can be viewed online or downloaded for printing. [AL, NSDL Scout Report Life Sciences v.1(2) February 8, 2002]

**The Internet Language Dictionary**  
[Http://www.netlingo.com/inframes.cfm](http://www.netlingo.com/inframes.cfm)

Offered by NetLingo.com, this site is an online dictionary containing Thousands of popular Internet words and definitions that describe the Technology and community of the World Wide Web. This site is easily Navigable, and users can access definitions by clicking on the terms of Their choice. All Internet users, from the novice to the advanced, may find this site worth exploring. [MG 8(13), 19 April 2002]

**JPL Sensor Webs Project**  
<http://sensorwebs.jpl.nasa.gov/>

The NASA Jet Propulsion Laboratory has devised a remarkable new type of sensor that could revolutionize the way scientists gather data. A Sensor Web is a network of many individual sensors that are about the size of a ping-pong ball. By themselves, they collect a single measurement-like temperature or humidity. But an entire Sensor Web can be spread out over a very large area and collect vast amounts of data remotely. The Sensor Webs Web site has a lot of information about the technology and its applications.

A fun activity for kids is also given that teaches the basic techniques that Sensor Webs use to collect data. [CL NSDL Report for Math, Engineering, and Technology, v1(3) March 15, 2002]

**Ocean Biogeographic Information System (OBIS)**  
<http://www.iobis.org/>

The Ocean Biogeographic Information System (OBIS) is a user-friendly, web-based provider of global geo-referenced information on accurately identified marine species. OBIS is developing powerful new on-line tools for visualizing relationships among species and their environment. OBIS will assess and integrate biological, physical, and chemical oceanographic data from multiple sources, generate testable hypotheses about the origins and maintenance of marine biodiversity, and facilitate research on the roles of species in ecosystem function. Users of OBIS, including researchers, students, and environmental managers, will gain a dynamic view of the multi-dimensional oceanic world. New synoptic datasets from environmental sensing technologies and new techniques for identifying and describing marine species are likely to result in a quantum increase in knowledge about the distribution and abundance of life in the oceans over the next ten years. The opportunity for new scientific breakthroughs, and heightened concern about the health and persistence of life in the oceans, are the stimulus for the Census of Marine Life (CoML), an international research program to assess and explain the diversity, distribution, and abundance of marine organisms throughout the world's oceans. OBIS is a major component of CoML, as is the History of Marine Animal Populations (HMAP), whose mission is to gather, restore, and analyze historical marine population data from the past 500 years, before human impacts on the ocean became significant. OBIS and HMAP provide the temporal context, charting fluctuations of species' distributions past and present. This context is necessary for the third major element of CoML, the Future of Marine Animal Populations (FMAP), which provides a basis for modeling and prediction of future oceanic communities. CoML will benefit from related programs such as the Global Ocean Observing System (GOOS), which will be providing continuous streams of observations to challenge existing capabilities for data access, analysis, and presentation. OBIS will play a role in making component biological data accessible and interpretable to a variety of end-users including maritime industries,

environmental managers, scientists, teachers, and the general public. [PB]

**Ocean Explorer: Deep East [QuickTime, .pdf]**  
<http://oceanexplorer.noaa.gov/explorations/deepeast01/deepeast01.html>

Ocean Explorer is the National Oceanic and Atmospheric Administration's (NOAA) attempt to share their latest discoveries with the public. The most recent expedition, completed in October 2001, explored portions of the Atlantic Ocean along the Eastern US coast. Web site visitors can read daily updates from NOAA scientists, view photos from the depths of the ocean, read the online summary of the mission, or download the more detailed summary. This is a great site with fascinating information about some of the most current marine discoveries. [AL, NSDL Scout Report for Life Sciences, v1(4) March 8, 2002]

**Saltwater Aquariums**  
<http://saltaquarium.about.com/>

News, beginner's information, salt water aquarium set up, algae control, a collection of FAQs, fish and invertebrate care, filters and filtration, fish diseases, a directory of aquariums, and more. For even more information check out the boards and chat groups, and also Did You Know...? for some interesting facts. An About.com site. [Lii, 2 May 2002]

**SciDev.net**  
<http://www.scidev.net/>

Officially launched in December 2001, SciDev.net provides a forum for discussing the impact of modern science on developing countries. Sponsored by the magazines Nature and Science, in association with the Third World Academy of Sciences, the site intends to provide authoritative information to encourage the use of science and technologies in developing countries in ways that will be socially, economically, and environmentally sustainable. It contains news, articles, opinion pieces, and book reviews, as well as links to meeting notices and scientific organizations. This is a useful gateway for anyone interested in scientific issues in developing nations. [AL, NSDL Scout Report for Life Sciences, v1(4) March 8, 2002]

**Science Conferences**  
<http://www.allconferences.net/Science/>

Would you like to know what professional conferences are being held around the world at any specific time? AllConferences.net provides this free service. Over thirty science categories are represented and include everything from the 2002 Geological Society of America Annual meeting in Denver to the upcoming Environmental Flows for River Systems Conference & Fourth Ecohydraulics Symposium in Cape Town, South Africa. Each entry includes a description of the event, times, locations, contact information, and relevant links. Users can search or browse the events by category and even submit a conference of their own. Now all you need is funding for the trip. [JAB, NSDL SCOUT Report for Physical Sciences, v.1(2) February 8, 2002]

**SciNet Science Search**  
<http://www.scinet.cc/>

A searchable, categorized Web directory for science, nature, engineering, and medicine. Listings have brief annotations. There are also unit conversions, science news, and periodic tables. [Lii, 2 May 2002]

**SeamountsOnline**  
<http://seamounts.sdsc.edu/>

SeamountsOnline is a NSF-funded project designed to gather information on species found in seamount habitats, and to provide a freely-available online resource for searching, downloading, mapping, and analyzing patterns of biogeography in these data. It is designed to facilitate research into seamount ecology, and to act as a resource for managers. [PB]

**Shark Dissection Webcast [QuickTime, RealPlayer]**  
<http://aquarium.ucsd.edu/sharkcast/index.html>

View this Webcast dissection of four shark species conducted last August at the Birch Aquarium and narrated by Dr. Jeffrey Graham of the Scripps Institution of Oceanography. This is a rare opportunity to learn from a marine biologist as he examines the internal organs of these sharks for the audience. The site also has several short text sections offering life history and behavioral information for those users interested in learning more about sharks in general.

[AL, NSDL Scout Report for Life Sciences, v1(4) March 8, 2002]

### **The Voyage of the Odyssey [RealPlayer, Flash]** <http://www.pbs.org/odyssey/index.html>

PBS Online presents the Ocean Alliance's Voyage of the Odyssey, a multi-year project that is gathering baseline data on ocean health, using whales, albatrosses, and pelagic fish as environmental indicators. Students can read or listen to daily logs from the ship and track the voyage, while Science from the Field offers several video and audio reports. Be sure not to pass by the Interactive Ocean portion of the site, which offers a unique opportunity to experience some of the sights and sounds beneath the surface. The Class from the Sea section is still under construction but will offer exciting ways to interact with the voyage, including virtual teleconferencing with the ship's crew. This site is a cool multimedia resource for captivating the attention of students and also a more general audience. [AL, NSDL Scout Report for Life Sciences, v1(4) March 8, 2002]

### **Water Science for Schools**

<http://ga.water.usgs.gov/edu/index.html>

The US Geological Survey education site, Water Science for Schools, provides students a fun and interactive way to learn about the earth's water. Sections include information about the water cycle; how much water there is and where; water properties; water use; and special topics such as urbanization's effects on water, maps, illustrations, and much more. The site seems to be geared towards older grade schoolers, and although is generally easy to navigate, the abundance of information would probably be best tackled with the help of a teacher or parent. [JAB, NSDL Scout Report for Physical Sciences v1(4), March 8, 2002]

### **Wireless Librarian**

<http://people.morrisville.edu/~drewwe/wireless/>

Wireless librarian Bill Drew talks about his own experiences instituting a wireless LAN. Also included are links to articles, lists of libraries with wireless and wireless vendors, LibWireless discussion group, a discussion of how wireless works and other links. [BA]

## **MAZATLAN in OCTOBER**

Denis Abbott, the conference convener for Mazatlan, and the local arrangements committee have provided some information to help entice your decision to travel to MAZATLAN.

The conference program is still being refined and is filled with material designed to enrich our professional lives. The program will be ready for presentation to you within the next few weeks. To complement the fine program, the local ambiance will allow you to partake of a plethora of riches in a relaxing, stress-free cultural environment that happens to be warm and friendly. There are splendid beaches for strolling or sitting, historic buildings and museums to peruse. Undoubtedly, you will be able to find one or two establishments that are willing to provide a home for your pesos. A challenge for marine science librarians will be the determination of the major historic industry in this fine city in the State of Sinaloa.

Please check the member pages on the IAMSLIC web site for the final program, conference registration, hotel rates (special for conference attendees), travel documentation, and a plethora of information geared toward making your stay more enjoyable

While the fine tuning is taking place, please peruse the following web sites provided by the local arrangements committee. You will find these sites to be quite informative and will give you the flavor of the area. Should you have any questions, please e-mail the local arrangements committee directly.

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<http://www.sinaloa.gob.mx/gobierno/turismo/english/index.html>

**This will lead you to several sites that include :**

**pictures\***  
**attractions and activities**  
**beaches**  
**traveling tips**  
**travel map**

(\* The pictures on the following page are taken from here.)

<http://www.mazinfo.com/>

Provides a visitor's guide to the area providing more than enough to get through your stay in Mazatlan.

Other links of interest include:

[www.maztravel.com](http://www.maztravel.com)

More about Mazatlan.

[www.peoplesguide.com](http://www.peoplesguide.com) Book by Carl Franz about Mexico.

[weather.com](http://weather.com)

current weather conditions

[Exchange Rates](#) You can print out a "cheat sheet."

[www.mexconnect.com](http://www.mexconnect.com) Great forums on living and working in Mexico.

[Current Web News of Mexico](#)

This is a Yahoo search of current news.

[Newspapers](#) Listing from "Peoples Guide to Mexico." Spanish & English.

[www.escapeartist.com](http://www.escapeartist.com) Articles for ex-pats living around the world.

[timeshare-guru.com](http://timeshare-guru.com) Mucho info about the art of timeshares by Fern.

[virtualmex.com](http://virtualmex.com) Virtual Mexico with a section about Mazatlan.

[travel.state.gov/mexico.html](http://travel.state.gov/mexico.html) Consular info about visas, customs, etc.

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**MAZATLAN**

**Are You Ready?**



El Clavista (Cliff diver)



Isla Venados



The Fisherman's Monument