

International Association of Aquatic and
Marine Science Libraries and Information Centers

newsletter

Number Thirty-nine
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17th Annual IAMSlic Conference 7-11 October 1991 Galveston, Texas U.S.A.

IAMSlic's 17th Annual Conference will be held in Galveston, Texas, USA in October of 1991. Recognizing both IAMSlic's recently expanded scope and the global importance of informed environmental management, our conference theme will be:

THE AQUATIC ENVIRONMENT: DESCRIPTION, MANAGEMENT AND CONSERVATION

IAMSlic librarians have long provided fundamental information services in support of the critical international concern for environmental research, management, and policy making.

Worldwide, we have developed databases which provide access to a broad range of environmental information. We have contributed to the development of inclusive policies for the management of aquatic information. We have contributed to the refinement of existing information systems and technologies and we have helped to innovate new systems applying state-of-the-art technologies. And we have often demonstrated strong ethical commitment to the responsible stewardship of the aquatic environment.

This year's Conference will provide us with the opportunity to examine the breadth and depth of our work in the "Aquatic Environment" and to explore new opportunities to expand our professional contributions.

It will be possible for IAMSlic attendees to display and demonstrate innovative work. Moreover, special efforts will be made this year to draw new participants into the IAMSlic process. We will also be able to learn of regional

developments from several of IAMSlic's new regional groups.

The week of October 7-11 should prove to be another exciting opportunity to meet with colleagues from all over the world. See You In Galveston!

Tom Moritz
Conference Coordinator

PRE-CONFERENCE WORKSHOP 1991

What is GIS? Are Geographic Information Systems of any use to libraries? Are some of us being caught up in one without knowing what it is? What can librarians contribute to the planning and implementation of GIS? For answers to these questions and others, a one-day workshop on GIS (geographic information systems) is being planned for Monday, October 7 in Galveston. The morning session will focus on the history and current status of GIS. The afternoon session will include demonstrations of systems and applications. More detailed information will be included in later conference mailings.

If you have any questions, contact:

Janet Webster
Guin Library
Hatfield Marine Science Center
Newport, Oregon 97365 USA
☎ (503) 867-0108
Websterj@ccmail.orst.edu (Internet)
Hatfield.OSU.Library (Omnet) ☐

Communications to IAMSlic should be directed to:

Kristen L. Metzger
Harbor Branch Oceanographic Institution
5600 Old Dixie Highway
Ft. Pierce, Florida 34946 USA

1990 / 1991

FROM THE PRESIDENT

IAMSLIC OFFICERS

PRESIDENT

Kay K. Hale, Librarian
Rosenstiel School of Marine and
Atmospheric Sciences Library
University of Miami
4600 Rickenbacker Causeway
Miami, Florida 33149 USA
(305) 361-4021
Omnet/Sciencenet: *RSMAS.LIBRARY*

PRESIDENT-ELECT

Tom Moritz, Academy Librarian
California Academy of Sciences
Golden Gate Park
San Francisco, CA 94118 USA
(415) 750-7101
Omnet/Sciencenet: *CAS.LIBRARY*

SECRETARY

Eleanor S. Uhlinger, Librarian
Bodega Marine Laboratory Library
University of California
P.O. Box 247
Bodega Bay, California 94923 USA
(707) 875-2015
Omnet/Sciencenet: *E.UHLINGER*

TREASURER

Betty Galbraith,
Contracting Librarian
Bibliodata
544 Longspur Loop
Fairbanks, Alaska 99701 USA
(907) 479-5196
Omnet/Sciencenet: *B.GALBRAITH*

It's official! We are the International Association of Aquatic and Marine Science Libraries and Information Centers. Please change all documentation, letterheads, brochures and other printed materials. It's also official that Eirikur Einarsson has accepted the position of President-Elect for 1992/93. He's already hard at work on the Bremerhaven conference.

A number of regional aquatic/marine information groups have recently held meetings: EURASLIC in Europe and in North America, the West Coast, Mid-Atlantic, and Southeast. Under the new bylaws, these groups can apply for formal regional status within IAMSLIC if a majority of local IAMSLIC members agree. It will be interesting to see which will apply first.

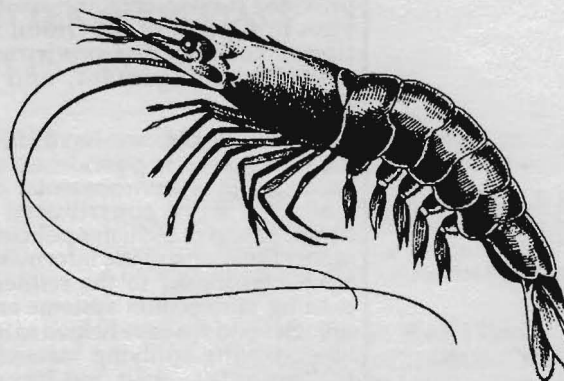
Natalie Wiest and crew are proceeding full steam ahead with plans for the Galveston Conference. It sounds like they have chosen a wonderful spot for our meetings. Tom is planning the program with new features, like more panel discussions and possibly poster sessions. I hope our freshwater members will not only attend the Conference, but also actively participate.

Kristen Metzger took on the Russians single-handed and found funding for bringing Ivan Bukhanevich to the U.S. for the October meeting. Ivan has been an "almost" delegate to the last three annual conferences. Hopefully, we will finally meet, in person, our first Soviet member.

It's THAT time again when the Nominations Committee will approach members to run for office. A new Secretary and a President-Elect for 1993/94 must be elected this fall. I urge all potential candidates to consider running for office. We are a relatively small, close-knit group and the duties of an officer are truly manageable and not overwhelming. In spite of busy schedules and other commitments, we need candidates with an active interest in IAMSLIC and its future.

Special thanks to Joe Wible for the new membership directory and to Beth Fuseler-McDowell for editing and publishing two Proceedings volumes this year. Happy summer to all.

Kay Hale



The IAMSLIC NEWSLETTER is published quarterly; in March, June, September and December.

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

EDITOR:

Kristen L. Metzger

Harbor Branch
Oceanographic Institution, Inc.
5600 Old Dixie Highway
Ft. Pierce, Florida 34946 USA
(407) 465-2400 Ext. 201
(407) 465-2446 FAX
Omnet/Sciencenet: *HBOI.LIBRARY*

CONTRIBUTING EDITOR:

Peter Brueggeman

Scripps Institution of Oceanography
Library C-075C
University of California, San Diego
La Jolla, CA 92093 USA
(619) 534-1230
(619) 534-5269 FAX
Omnet/Sciencenet: *SCRIPPS.LIBRARY*

IAMSLIC '91

PLAN YOUR FINANCES NOW!

The conference is scheduled for October 7-11 at the San Luis Hotel on Historic Galveston Island, Texas Gulf Coast's most charming seaside resort community. The conference is hosted by Texas A&M University at Galveston. The registration fee is \$270 (pre-registration). After September 1, the registration fee will be \$280. Single-day registration will be available. Numerous meals are included.

There are 2 major airports for excellent travel connections to Gal-

veston, through Houston Intercontinental Airport north of Houston, and Hobby Airport south of Houston (Hobby Airport is thirty miles closer to Galveston). Limousine service to Galveston is available for approximately \$20 one way or \$40 round trip.

The San Luis Hotel, on the ocean, has rooms available for attendees at \$78 a night. The Pre-registration packets will be mailed in July. □

CONFERENCE ICE BREAKER

An icebreaker in the Galveston heat? A ship at the IAMSLIC conference? Have we eaten one too many sushi?? NO!!!! We are referring to a "social ice breaker!" We invite each and every person (who's interested) to bring a new SIZE LARGE T-shirt from your institution or country to the Galveston conference 7-11 October 1991. Each person who brings a favorite T-shirt will go home with someone else's favorite T-shirt! Wouldn't YOU like to be the only person in Chile wearing a Hafrannsoknastofnunin T-shirt from Iceland? Wouldn't YOU enjoy modelling the latest in WHOI fashion at YOUR next library committee meeting? Not only is this a fun way to break the ice at our next Conference, it's a great way to advertize our institutions around the globe!

Don't be square...be there...with your LARGE T-shirt to trade! □

RESULTS OF THE VOTING ON AMENDMENTS TO THE BYLAWS

The Bylaws Committee promised to publish the complete results of the Ballot in the Summer edition of the Newsletter. Eleanor Uhlinger has supplied the following data about the returns.

- Polls officially closed 1200PST 3/20/91.
- 245 ballots were mailed out.
- 111 valid ballots returned ("invalid" ballots were those postmarked after the deadline and NOT counted).
- 102 in favor of all amendments.
- 9 opposed to specific amendments:
- 1 against Amendment 1
- 1 against Amendment 2
- 1 against Amendment 3
- 1 against Amendment 5
- 3 against Amendment 6
- 1 against Amendment 9
- 1 against Amendment 11
- 3 against Amendment 12
- 1 against Amendment 21
- 45% of mailed ballots were returned.
- 92% of returned ballots were in favor of all amendments.

Andrea Coffman has registered IAMSLIC's new name and new Bylaws in the state of Oregon, where we're incorporated.

We all hope the inclusion of the word "Aquatic" in our name will encourage many new persons to join IAMSLIC.

Sharon Thomson, Chair
Andrea Coffman, Pam Mofjeld
IAMSLIC Bylaws Committee
1990/91 □

FISHES OF THE SOUTHERN OCEAN

Edited by O. Gon and P.C. Heemstra

A new book published by the J.L.B. Smith Institute of Ichthyology

One volume, hard cover, attractive dust jacket, A4 size, xviii+462 pages, 12 color plates

A comprehensive review of the current knowledge of the fishes of the circum-Antarctic Southern Ocean compiled by an international team of experts. The book provides accounts of the taxonomy, biology and distribution of the 272 species and subspecies of Antarctic fishes.

Several introductory chapters review the history of Antarctic ichthyology, the physical oceanography of the Southern Ocean, the origin and composition of the Antarctic fish fauna, the peculiar adaptations of the fishes to the cold conditions, and the state of exploitation and conservation of commercial species.

The systematic section includes identification keys for families, genera and species, and species accounts, each with synonymy, diagnosis, distribution, and taxonomic and biological remarks. All but three of the species are illustrated (full page width) and all species accounts include a distribution map.

Prices:

Standard edition - U.S. \$120 (including surface postage)

Numbered and signed leather-bound edition - U.S. \$1000

(limited to 26 copies (A-Z); including surface postage)

Send orders (only prepaid) to:

Publication Secretary
J.L.B. Smith Institute
of Ichthyology
Private Bag 1015
Grahamstown 6140
South Africa
☎ Tel: (0461) 27124
Fax: (0461) 22403 □

U.S. WEST COAST REGIONAL IAMSLIC WORKSHOP

Bodega Marine Laboratory (UC, Davis) hosted the third US West Coast Regional IAMSLIC Workshop 22-23 March. 25 IAMSLICers (from WA, OR, and CA) and their guests introduced themselves and described their libraries and institutions. Then we had a day and a half of animated discussions about a variety of topics summarized below:

Joe Wible (Stanford University) described an exciting project where he's giving patrons direct access to BIOSIS and other remote or campus databases, and he's collecting some interesting statistics all the while.

Joan Parker (CSU Long Beach) followed up on her Seattle presentation and raised more questions about how to track down and record the existence of "marine related" databases that are not part of the mainstream.

Janet Webster (Hatfield Marine Science Center) discussed the *WORLD SERIALS LIST* (recently published by National Agriculture Library (US) and Louisiana State University) as well as IAMSLIC's past and future involvement in producing such lists.

Tom Moritz (California Academy of

Sciences) raised some important issues about document delivery and the idea of "weighted service centers". This led us into discussions about fax technology, scanners, and the quality of copies received; and to perhaps formalizing some of our "local" document delivery procedures.

Barbara Butler (California Academy of Sciences) described the Biodiversity Resource Center, an information and resource center located on the main museum floor of the Academy.

Questions were raised about how to identify and locate satellite images and related data.

Tips were given on how to gain INTERNET access to numerous other library catalogs, including Stanford's and University of Washington's, and we successfully connected to both from Bodega Bay.

Journal cancellation projects at various institutions were described and we talked about journal pricing, predicted inflation for 1992, and discussed ways to educate our scientists about the spiraling cost of serials.

Some interesting ideas were presented about ways to make first-time IAMSLIC conference attendees feel a

bit more welcome in the future.

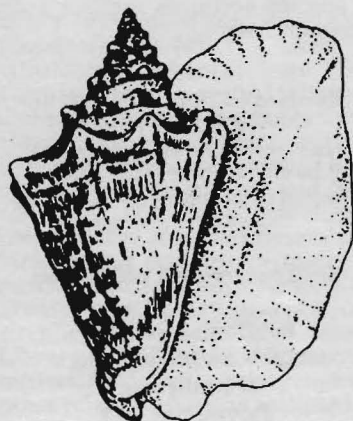
We also aired ideas for the pre-conference workshop and the conference schedule in general (since President-Elect 92, Tom Moritz, was in attendance!).

One much discussed topic was whether to form a regional IAMSLIC group. We agreed it was a great idea and Janet Webster volunteered to survey the IAMSLICers in our identified region. Once we have enough names and support we'll request recognition from the IAMSLIC Executive Board. A great deal of time was spent discussing a potential name and the organizational structure for our proposed regional group. Fran Wolfe and Merrill Manke (Monterey Bay Aquarium) are working on a logo, T-shirts, and a meeting location for next year's regional gathering!

All in all, the meeting was highly productive and we look forward to future IAMSLIC conferences and regional workshops.

Eleanor Uhlinger
Bodega Marine Laboratory □

MARINE AND AQUATIC SCIENCE WORKSHOP U.S. DELMARVA AREA



Smithsonian Institution Libraries (SIL) convened an organizational workshop for marine science librarians of the tri-state DELMARVA (Delaware, Maryland, Virginia) area on April 12. Thirty-one attendees heard SIL Director Barbara Smith and Assistant Director Bonita Perry speak on SIL and trends towards resource sharing. Natural History Branch Librarian Ann Juneau, who organized the meeting, invited David Pawson, Curator Echinoderms Division, Invertebrate Zoology, to describe and discuss oceanographic programs at the Smithsonian. Dr. Pawson's presentation was very good.

The group discussed its goals and future programs. The librarians who attended represented Federal libraries, universities, aquariums, and wildlife and conservation groups. In 1990 about 20 marine-science librarians from the DELMARVA area had met at the NOAA library in Rockville.

The future of the group is to become a regional group within IAMSLIC. This will be put to a vote at the next meeting.

J. Beattie
NOAA
Rockville, MD, USA

THIRD EURASLIC MEETING IN LELYSTAD

The third meeting of the European Association of Aquatic Sciences Libraries and Information Centres (EURASLIC) was held in Lelystad, Netherlands from 25-26th April 1991 at the Institute for Inland Water Management and Waste Water Treatment.

EURASLIC 3 was attended by about 45 people, from Belgium, Denmark, Eire, Finland, France, Germany, Greece, Italy, Netherlands, Norway, Poland, Portugal, UK and USSR.

Two workshops were held, to discuss the improvement of the coverage of European literature in ASFA, and to arrange mechanisms for Interlibrary lending within Europe.

A feature of the meeting was a session of brief reports, summarizing developments in each of the countries represented at the meeting. It was clear that the development of EURASLIC was providing an impetus to the development of Aquatic Library Groups and Networks in a number of European countries.

Papers were given on Polish aquatic libraries, and on the possible use of Hypertext and similar software in the development of products and services of interest to libraries.

A good portion of the meeting was taken up with discussions on the structure and future of EURASLIC, and on its relationship to IAMSLIC. After a full discussion, the following decisions were made:

1. The revised IAMSLIC Bylaws, prepared after discussions with the EURASLIC Working Group to allow for the creation of Regional Groups within IAMSLIC, were discussed and found acceptable.
2. The IAMSLIC members present voted to request IAMSLIC to approve the creation of a European Regional Group.
3. An Interim Committee was elected, to carry the process forward, and to make definite proposals for the necessary EURASLIC structures. David Moulder from the Plymouth Marine Laboratory would act as coordinator.
4. It was agreed that the Bremerhaven meeting of IAMSLIC could be a joint IAMSLIC/EURASLIC meeting.

It was agreed that the EURASLIC Directory would be published during 1991, and that it would be available as a CDS/ISIS database as well as a printed Directory.

During the meeting there were demonstrations of the EURASLIC Directory, ASFA on CD-ROM, and VenW-Lis, a Dutch database.

Participants felt that the meeting had been most successful, and that the contacts made during the meeting would contribute to the development of the network of European aquatic libraries which EURASLIC was set up to achieve. □

U.S. SOUTHERN REGIONAL IAMSLIC GROUP

The first Southeast Marine and Aquatic Information Workshop was held in Charleston, South Carolina April 29th and 30th. We exchanged ideas on collection development, journal subscriptions during periods of tight money, the state of our CD rom technology, in-house databases, and electronic communications. Michael Trinkley from the Chicora Foundation, a public non-profit organization geared to providing preservation services to small institutions, gave us advice on developing disaster plans for our libraries. Twenty librarians representing government, university and private research organizations in Florida, North and South Carolina, Georgia and Mississippi attended. We voted to become a regional affiliate of IAMSLIC, and are currently deciding on a name for our group. We plan to hold our next meeting in Savannah, Georgia, March 1992.

Linda Pikula
NOAA Regional Library at AOML
Miami, FL USA □

FOR MOLLUSK FANS

THE NAUTILUS, volume 105, number 2, April 10, 1991 contains an interesting paper for IAMSLIC libraries -- a bibliographic listing of 286 malacological journals and newsletters (representing 374 titles), arranged by continent and country. The place, duration, and status of each publication is given and changes in titles are cross-referenced. Of these serials, 157 are still published. The geographical distribution (31 countries represented) and the usage of malacological journals are analysed in terms of the broader context of the scientific journal literature field.

Some of the publications have intriguing titles, including (and, for Dave Barry fans, "I AM NOT MAKING THIS UP"...): "The Littorinid Tidings", "Slug Newsletter", "Shell Gossip", "Conchologica Nonsensica", "Out of the Shell", "Amici Gastropodorum (Friends of the Gastropod Newsletter)", "Busycon Beagle", "The Noble Pen", "[The] Shell-O-Gram", "The Whelk Wavelength" and "Clam Chatter".

(Notwithstanding the above gems, my IAMMY Award for the Most Apt Title for an Aquatic Science Newsletter goes to the now defunct "Water Column", put out by the Mississippi/Alabama Sea Grant Consortium.)

BIELER, R. and A.R. KABAT. 1991. Malacological journals and newsletters, 1773-1990. Nautilus 105(2):39-61.

Jon Sears
Cambridge Scientific Abstracts □

V-SERVER FOR NETWORK ACCESS TO CD-ROM

Carla T. Garnham and Kent C. Brodie discuss "A simple solution to providing remote access to CD-ROM" in CAUSE/EFFECT 13(4):47-51, Winter 1990. V-Server from Virtual Microsystems was purchased as a pilot project to provide remote access to one library CD-ROM for a VAX network. Network and dial-up access from VT terminals as well as IBM and Macintosh microcomputers was desired. The authors discuss implementation problems they overcame (e.g. need for additional memory, terminal emulation keyboard remapping) and point out that each V-Server's microprocessing unit (four total) accesses its own compact disc player. Therefore remote access is single-user for each V-Server-mediated compact disc player with disc.

Based on usage statistics, the authors concluded that single-user remote access could serve up to 80

registered users. Unsuccessful logins due to the system being used rose to 36% within six months and the library is shifting to multiuser network access to CD-ROMs. Alternative V-Server configurations are briefly mentioned that would support multiple users. Virtual Microsystems' V-Server offers greater flexibility and user load than indicated by this narrowly-defined pilot project. Contact:

Virtual Microsystems
1825 S. Grant St, Suite 700
San Mateo, CA 94402 USA
☐ (415)573-9596
Fax: (415)572-8406

Virtual's V-Server is an alternative to Logcraft's 386Ware product (see IAMS LIC Newsletter #38:4, March 1991). ☐

MARINE CD-ROM DIRECTORY AND MIDDLE EAST METEOROLOGY AND OCEANOGRAPHY BIBLIOGRAPHY

The NOAA Library and Information Services Division has published two items of special note: "The Directory of US Marine CD-ROMs" lists all titles identified as having marine data and information as of December 1990. "Meteorology and Oceanography of the Middle East" is a bibliography on atmospheric and oceanic circulation, desalination, and oil and marine pollution. Included are data distribution plots for historical data held by the National Oceanographic Data Center. Contact:

NOAA Central Library
6009 Executive Blvd
Rockville, MD 20852 USA ☐

BIBLIOGRAPHY OF FRESHWATER CRAYFISHES

An interdisciplinary Bibliography of Freshwater Crayfishes (Astacoidea and Parastacoidea) from Aristotle through 1988, prepared by Bill Hart and Janice Clark, is now available on Compact Disc (CD-ROM No. 1 from the National Museum of Natural History, Washington, D.C.). This is an updated version of the hard cover book, An Interdisciplinary Bibliography of Freshwater Crayfishes (Astacoidea and Parastacoidea) from Aristotle through 1987, published in 1989 by the Smithsonian Institution Press (available for \$35.00).

A limited number of copies of the Compact Disc version are available free by writing:

C.W Hart, Jr.
NHB W-163
Smithsonian Institution
Washington, D.C. 20560 USA

The disc also includes two other extensive bibliographies: Literature on the Polychaeta (Annelida) by Linda A. Ward and Kristian Fauchald, and Cephalopod Computerized Bibliographic System (CCBS) by Clyde F.E. Roper. The bibliographies are indexed on every word, and retrieval software is included.

To use the disc, it is necessary to have a computer equipped with a CD-ROM reader and an installed copy of MD-DOS CD ROM Extensions (MSCDEX.EXE) version 2.0 or higher. ☐

COMMON COMMANDS FOR MULTIPLE CD-ROMs

Gord Nickerson discusses "Implementing the Common Command Language on a micro" [ONLINE 15(2):44-46, March 1991] in order to create a common search interface for a variety of CD-ROM search software and other application software. Using PC MAGAZINE's free SLASHBAR.COM utility, Nickerson created a RAM-resident menu program that overlays each CD-ROM software with a Lotus 1-2-3 style interface along the top of the screen. The specific keystrokes and commands needed by each CD-ROM software is invoked by selecting SLASHBAR-created menu commands like FIND, DISPLAY, and PRINT. SLASHBAR.COM can be downloaded from PC MagNet on CompuServe (see logon instructions in "Utilities" column of PC MAGAZINE) or is provided on floppy disks with PC MAGAZINE DOS POWER TOOLS by Paul Somerson, New York, Bantam Books, 1990. 2nd edition. ☐

CHANGE FOR BIOLOGICAL ABSTRACTS CD-ROM

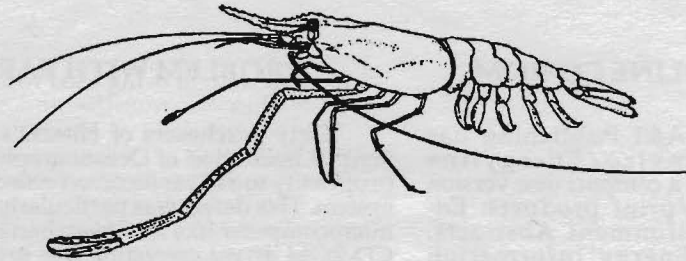
Biological Abstracts CD-ROM [IAMS LIC Newsletter #36:9] has changed from a lease subscription to outright ownership. Regardless of whether or not the subscription is renewed, subscribers own the discs they have received. ☐



GEOPHYSICS OF NORTH AMERICA CD-ROM

Allen M. Hittelman, et. al. wrote "Compiling North America: geology on compact disc" in GEOTIMES 35(12):16-17, December 1990. The "Geophysics of North America" compact disc project and product from the US National Geophysical Data Center is reviewed (see IAMS LIC Newsletter #33:16, December 1989). ☐

**NEXT
NEWSLETTER DEADLINE
AUGUST 30, 1991**



CD-ROMS IN IAMSLIC LIBRARIES

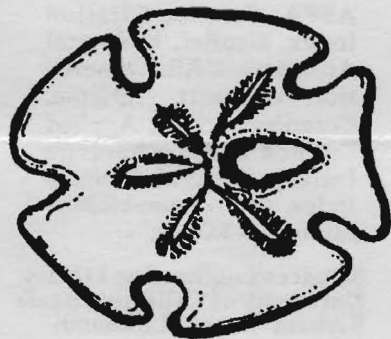
IAMSLIC libraries are a diverse group and their bibliographic CD-ROM holdings reflect this diversity. IAMSLIC Newsletter #37 included a request for libraries to respond with their CD-ROM holdings. A potential purchaser can benefit from tapping into another's experience with a CD-ROM. Libraries with a CD-ROM in common can communicate to determine if a problem is at the local or product level. The following librarians/libraries either responded with their holdings or their holdings were obtained from available information:

- **Alfred Wegener Institute Library (Michael Gomez):**
ASFA, Arctic and Antarctic Regions, Polarpac, Biblio-File
- **California Academy of Sciences Library:**
Wildlife & Fish Worldwide, Selected Water Resources Abstracts, General Science Index, Biological & Agricultural Index, McGraw-Hill Encyclopedia of Science & Technology.
- **Fisheries-Oceanography Library, University of Washington (Pam Mofjeld):**
ASFA, Arctic & Antarctic Regions, Selected Water Resources Abstracts, Food Science & Technology Abstracts, several non-bibliographic CD-ROMs.
- **Freshwater Institute Library, Canada Department of Fisheries & Oceans (Eric Marshall):**
ASFA, Arctic & Antarctic Regions, CCINFO, Environment Library (OCLC), Pol-Tox, University of Guelph Library Catalogue,
- **Waves/Vagues, Wildlife & Fish Worldwide.**
- **Guin Library, Hatfield Marine Science Center, Oregon State University (Janet Webster):**
ASFA, Science Citation Index, Medline, Washington Library Network, Biological & Agricultural Index, Applied Science & Technology Index, Business Periodicals Index, General Science Index, Humanities Index, Social Science Index.
- **Institut fuer Meereskunde Library, Kiel (Anke Roering):**
ASFA.
- **Marine Biological Laboratory/Woods Hole Oceanographic Institution Library:**
ASFA, Science Citation Index, Life Sciences, Biological Abstracts, NTIS, General Science Index, Medline, SciTech Reference.
- **NOAA Library:**
ASFA, Life Sciences, Arctic & Antarctic Regions, NTIS, Readers Guide, Ulrichs Plus, Selected Water Resources Abstracts, Applied Science & Technology Index, Business Periodical Index, Computer Library, Cumulative Book Index, GPO Monthly Catalog, Grolier Electronic Encyclopedia, NOAA Library & Information Network Catalog, Library Literature, McGraw-Hill Encyclopedia of Science & Technology, Microsoft Bookshelf, several non-bibliographic CD-ROMs.
- **Rosenstiel School of Marine & Atmospheric Science Library, University of Miami (Kay Hale):**
ASFA, Science Citation Index, Life Sciences, Geo-Ref.
- **Science & Technology Division, Colorado State University Library (Elizabeth Fuseler-McDowell):**
ASFA, Science Citation Index, GeoRef, Biological Abstracts, CAB, Dissertation Abstracts, Agricola, Compendex Plus, Applied Science and Technology Index, General Science Index, several non-bibliographic CD-ROMs.
- **Sciences/Engineering Library, University of California Santa Barbara (James Markham):**
ASFA, Science Citation Index, Life Sciences, Agricola, Compendex Plus, Enviro/Energyline, Environmental Periodicals Bibliography, GeoRef, NTIS, Selected Water Resources Abstracts.
- **Scripps Institution of Oceanography Library, University of California San Diego (Peter Brueggeman):**
ASFA, Biological Abstracts, Arctic & Antarctic Regions, GeoRef, Aerospace Database, several non-bibliographic CD-ROMs.
- **Skidaway Institute of Oceanography Library (Tom Turner):**
ASFA, Life Sciences. □

ENVIROLINE CD-ROM

Bowker A&I Publishing has produced Enviro/Energyline Abstracts Plus, a compact disc version of its online/print products: Enviroline/Environment Abstracts, Energyline/Energy Information Abstracts, and Acid Rain/Acid Rain Abstracts. Pricing is \$1300 per year with a discount for a three year commitment. Contact:

Bowker A&I Publishing
 245 West 17th Street
 New York NY 10011 USA
 ☎ (800)521-8110
 From NY, Alaska, Hawaii,
 call collect ☎ (212)337-6934
 From Canada, ☎ (800)537-8416 ☐



CD-ROM PLAYERS REVIEWED

A good review of CD-ROM players based on equipment specifications appeared in PC WORLD 9(4):180-184, April 1991. Entitled "CD-ROM drives" and written by Robert Luhn, the review details price, average access time, built-in buffer, maximum throughput, audio output, maximum number of daisy-chained drives, maximum number of drives run from a single system, warranty, etc. Hitachi is confusingly listed as "Multimedia Systems", the name of its division producing CD-ROM players. Comparative detail is usually difficult to find and this review can point prospective purchasers to the higher performance models with fast average access times and throughputs and larger built-in buffers. ☐

PROBLEM WITH EARLY HITACHI 1700S CD-ROM

Early purchasers of Hitachi's new 1700S CD-ROM (including the lucky Scripps Institution of Oceanography Library) should be warned of the player's propensity to deliver incorrect search results or simply freeze the microcomputer system. This defect was particularly noticeable using ASFA CD-ROM with a fast microcomputer like a 16 megahertz 386sx. Hitachi has made available a revised CD-ROM driver correcting this problem. Later Hitachi 1700s players have the correction built in and the latest version of Microsoft Extensions also has the revised driver. Early purchasers with this problem can receive the revised driver from Darnell White at Hitachi Multimedia Systems Dept at ☎ (800)369-0422, ext113, or simply send a floppy disk to Peter Brueggeman at the address indicated at front of the Newsletter. ☐

OCEANIC THE OCEAN NETWORK INFORMATION CENTER

OCEANIC is the Ocean Network Information Center developed by the College of Marine Studies, University of Delaware. OCEANIC is an electronic online information system, developed primarily to support WOCE, the World Ocean Circulation Experiment research program. OCEANIC was covered in IAMSLIC NEWSLETTER #35:15; however the only access listed was through Omnet's ScienceNet Telemail electronic mail service. Other avenues to OCEANIC that will be less expensive for many users are Internet, the University of California's Melvyl System, and direct dialup.

FOR ACCESS OVER INTERNET,

System prompt	you respond:
% or \$	telnet 128.175.24.1 -or-
	telnet delocn.udel.edu
Username:	INFO

FOR ACCESS FROM MELVYL,

Melvyl prompt	you respond:
->	USE OCEAN

FOR DIRECT DIAL ACCESS, DIAL (302)645-4204 (MODEM SETTINGS 7,1,N)

Oceanic prompt:	you respond:
Username:	INFO

BIBLIOGRAPHIC DATABASE SOFTWARE

An impressive review of bibliographic database software entitled BIBLIOGRAPHIC FORMATTING SOFTWARE and written by Sue Stigleman has been published by the University of North Carolina at Chapel Hill's Institute for Academic Technology [free @ PO Box 12017, Research Triangle Park, NC 27709 USA. ☎ (919) 560-5031. Fax: (919) 560-5047].

Stigleman discusses the key generic features of bibliographic database software capable of formatting bibliographies. Thirty-five (!) software are evaluated for these key features. Software for all computing environments are covered including Macintosh, IBM, Unix, VMS, and Vax. Software evaluated include Pro-Cite, Endnote, Library Master, Notebook II, Ref-11, Reference Manager, Papyrus, 3X5, and Get-a-Ref [recently reviewed by Lisa J. Guedea in DATABASE 14(2):65-74, April 1991]. Stigleman intensively compares Pro-Cite, Reference Manager, and Papyrus in an appendix. ☐

ASFA AND GEOREF DATABASES COMPARED

Steve Hiller reports on "CD-ROM sources for marine geology and physical oceanography bibliographic information" in the *GEOSCIENCE INFORMATION SOCIETY NEWSLETTER* (128):10-11, February 1991. Though Hiller's study used the compact disc versions of ASFA (Aquatic Sciences and Fisheries Abstracts) and GeoRef, his conclusions are applicable to equivalent print sources and online databases.

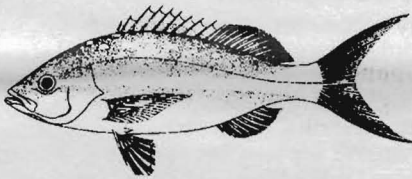
Hiller compared coverage of marine geology in ASFA and GeoRef by searching for Juan de Fuca Ridge from 1985 to present. GeoRef retrieved 339 citations while ASFA retrieved 45 citations. The author concludes that GeoRef can be searched with a high degree of confidence for marine geology; it provides more in-depth coverage of both the geological literature and some general science journals. The author comments that 13 of ASFA's 45 citations were not retrieved from GeoRef with four from oceanographic journals, seven from

biological sources (not a surprising number since the study focuses on geology, not biology), one from a paper at a national science meeting, and one that was actually in GeoRef but without indexing for the Juan de Fuca Ridge. The author pointed out that ASFA provides abstracts which GeoRef does not offer.

Hiller compared coverage of physical oceanography in ASFA and GeoRef by searching for sea level rise or sea level change for the Pacific coast of the US and Canada and for the Mediterranean Sea from 1987 to 1990. The author discussed the pertinent geographic and subject descriptors for both databases. GeoRef's search and results were not tidy; geographic indexing is inconsistent and its subject descriptor "change of level" is not restricted to the marine environment. GeoRef retrieved 65 references with many being peripheral or relating to sea level change from a sudden geological event. ASFA had more tightly focused geographic and sub-

ject indexing and retrieved fifteen citations. Only three of ASFA's fifteen references were covered by GeoRef with ASFA's citations coming primarily from oceanographic journals. GeoRef's Mediterranean search retrieved 27 citations from 1987 to 1990 while ASFA retrieved nineteen. Only four of ASFA's nineteen citations were retrieved by GeoRef; two more of the nineteen were actually in GeoRef but not indexed with the GeoRef's "change of level" descriptor. The author commented that there appeared to be greater parity between GeoRef and ASFA for Mediterranean coverage than for coverage of the Pacific coast of US and Canada.

Hiller concludes that GeoRef comprehensively covers marine geology with good coverage of physical oceanography. GeoRef appeared more comprehensive for coverage of North America. ASFA supplements GeoRef's coverage of marine geology with more coverage of oceanographic journals. □



TIDAL ANALYSIS PROGRAM AVAILABLE

The Institute of Ocean Sciences in British Columbia, Canada distributes a tidal analysis package comprising five analysis and prediction programs, associated sample input files, and three manuals. The programs are in FORTRAN and run on a VAX-785 or an IBM microcomputer with IBM Professional Fortran. The programs are available on 9 track tape or on double-sided high-density diskettes; over 180 packages have been distributed worldwide. The program's tidal analysis techniques are from Gabriel Godin, *The Analysis of Tides*, University of Toronto Press, 1972. Contact:

Mike Foreman
Ocean Physics
Institute of Ocean Sciences
9860 West Saanich Road
P.O. Box 6000
Sidney, BC V8L 4B2, Canada
☎ (604)363-6306
Fax:(604)363-6746 □

INTERNET NETWORK

An extensive review by Clifford A. Lynch and Cecilia M. Preston entitled "Internet access to information resources" appeared in the *ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY* 25:263-312, 1990. Items covered include: development of computer networks within the US higher education and research community; evolution of the Internet; information resources on the Internet; and, technology for network access. □

OCEANATLAS FOR MACINTOSH

OceanAtlas 1.0 is a software for color Macintosh microcomputers allowing examination and plotting of hydrographic and tracer section data. OceanAtlas provides a graphic exploration environment which includes: an active data window; calculation of potential temperature and density interpolations; station position maps; sequenced property-property plots colored by a third variable; scatter-type property-property plots colored by a third variable; lateral/vertical wireframe "horizons" of interpolated section data; contoured sections of interpolated data; data export to reports and spreadsheets. Many plots/windows are linked and may be 'browsed' by sample and/or by station. Scales, contours, and colors can be changed via user interfaces similar to those in commercial Macintosh applications.

OceanAtlas 1.0 is section oriented and does not map data onto lateral surfaces. OceanAtlas 1.0 re-

quires any 68020 or higher Macintosh computer, a math coprocessor (if optional), operating system 6.0 or higher, and any color monitor. OceanAtlas reads data into memory, and is not disk intensive. The program is supplied with a manual and data from major trans-oceanic sections over the World Ocean. Additional data of arbitrary parameter composition can be added using an included application, Atlas Convert.

OceanAtlas 1.0 is distributed free of charge by NODS/JPL. To obtain a copy (2 diskettes), contact:

Elizabeth A. Smith
MS 300/323
NASA Ocean Data System
Jet Propulsion Laboratory
4800 Oak Grove Dr.
Pasadena, CA 91109 USA
☎ (818) 354-6980
telemail: NODS.JPL □

E-MAIL-MEDIATED ACADEMIC CONFERENCES

Through electronic mail, subject-oriented academic discussions are mediated on an ongoing basis by listserver computers. You can sign up for these conferences or discussion groups. A compilation of these academic e-mail conferences are available as computer files obtainable via an anonymous file-transfer-protocol (ftp) from a host computer addressed at ksuvxa.kent.edu.

To transfer these listings to your home computer account, type "ftp ksuvxa.kent.edu" at your computer's % or \$ prompt. Signon with the login "anonymous" and then use your Bitnet/Internet e-mail address for the password. At the FTP prompt, type "get" followed by a space and then a filename listed below (in capital letters). Each "get" command will transfer the typed directory over the Internet to your computer account. When finished, type "Quit" to conclude the ftp session. These files are also available from Peter Brueggeman at his address listed at front of Newsletter; send any size/density of IBM or Macintosh disk.

Currently the directory is in five segments: ACADLIST.FILE1 and ACADLIST.FILE2 are Humanities and Social Sciences. ACADLIST.FILE3 is Biological/Medical Sciences. ACADLIST.FILE4 is Physical Sciences. ACADLIST.FILE5 is Business and Academia (grants, academic freedom etc.). Each file gives complete information for signing up. Listed conferences include seismology, ethology, photosynthesis, Climatologists, earthquakes, Ocean Drilling Program, biological journal tables of contents, biotechnology, molecular biology, neuroscience, diving medicine, brine shrimp, NSF grants/contracts, and NIH grants/contracts. □

NEW RELEASE OF INTERNET LIBRARY CATALOG

The April, 1991 release of St. George's expert-level list of Internet-Accessible Library Catalogs and Databases (see IAMSlic Newsletter #38:5) is now available from a listserver host computer or by file-transfer-protocol "FTP" over the Internet. [Barron's novice-level list has also been revised and can be obtained as noted in IAMSlic Newsletter #38]. If you are using these lists to access library catalogs, it is important to keep up with revisions since new library catalogs are added and access protocols occasionally change for existing library catalogs. Significantly, St. George's revised list contains a list of United Kingdom library catalogs accessible through JANET, the British network similar to the US' Internet.

New (n) and revised (r) in St. George's revision are:

- Sixty-One (61) Libraries in the United Kingdom (n)
- University of California MELVYL (r)
- Yale University (n)
- Florida State University System (r)
- Georgia State University (n)
- University of Hawaii (r)
- Purdue University (r)
- University of Iowa (n)
- Johns Hopkins University (n)
- Michigan State University (r)
- University of Missouri (r)
- University of Nevada, Las Vegas (n)
- Miscellaneous Online Resources, Pennsylvania (r)
- Southern Methodist University (n)
- University of Texas, Arlington (r)
- University of Vermont (n)
- University of Virginia Law Library (n)
- University of Wisconsin (r)
- Australian Defence Force Academy (n)
- Israel (r)
- University of Alberta (n)
- University of New Brunswick (r)
- University of Toronto (n)

- Appalachian State University (n)
- Cornell's CUINFO (r)
- MIT TECHINFO (r)
- New Mexico State University NMSU/INFO (r)
- North Carolina State University Happening! (n)
- NYU ACF INFO System (r)
- University of New Brunswick INFO (n)
- University of New Hampshire VideoTex (n)
- University of New Mexico UNMINFO (r)
- University of North Carolina (r)

To obtain the revised St. George file, send mail or a command to LISTSERV@UNMVM.BITNET. The body of the mail or command should say GET LIBRARY PACKAGE. The ascii file is now too large to send over BITNET as one file. This command will retrieve four files, sent separately. The Postscript file is not available from the Listserv computer.

Both the ascii and Postscript files are also obtainable via FTP and an anonymous-login and from two sites. From your computer, type "ftp NIC.CERF.NET" and respond "anonymous" at the login prompt. Type your e-mail address for the password. Then, type "cd cerfnet" and "cd cerfnet_info" to get to the correct directory. Retrieve the files by typing "get" followed by a space and a filename listed below:

- internet-catalogs-04-91.ps (Apple Postscript)
- internet-catalogs-04-91.txt (ascii version)

The file is then transferred over the Internet to your computer. Type "quit" when finished. You can also FTP to ARIEL.UNM.EDU. Use an "anonymous" login and type "cd library". The files to "get" is: internet.library (ascii). If you wish to automatically receive updated versions of St. George's Catalog from Listserv, see previous article in IAMSlic Newsletter #38.

Revisions of St. George's expert-level and Barron's novice-level lists of Internet-accessible library catalogs are also available from Peter Brueggeman at his address listed at the front of this newsletter; send any size/density of IBM or Macintosh disk. □

CONVERTING INFORMATION

A review of conversion project scenarios (moving information from one format to another) entitled "Moving information - a conversion project toolbox" by Elizabeth B. Eddison appeared in DATABASE 14(3):15-22, June 1991. Eddison discusses several conversion scenarios: between PCs and Macintoshes; between PCs and mainframe computers; using cables and networks; from spreadsheets to other programs; using general purpose conversion programs like CrossFile and Data Junction; companies offering conversion services; and, from CD-ROM and online databases. Though not comprehensive in product coverage, Eddison's article offers a useful review of issues and options. □

BITNET NETWORK

An article by Erwin K. Welsh entitled "A closer look at accessing information through networks" appeared in OCLC MICRO 7(1):26-28, 1 February 1991. Welsh gives an overview of the BITNET network and its listservers for conferences. □

TELECOMMUNICATIONS SOFTWARE REVIEWED

An extensive review of fourteen telecommunications software entitled "Easier tools for the on-line world" by Judy Heim appeared in PC WORLD 9(4):141-163, April 1991. HyperAccess/5 and Procomm Plus are recommended as best buys due to their easy interfaces and complete features. Crosstalk Mark4 is recommended for power users who need to design custom applications with a powerful script language. Crosstalk Communicator is recommended for novices who don't need high-end features. Other reviewed products were Crosstalk for Windows, DynaComm, MicroPhone, Mirror III, Qmodem SST, Relay Gold, two versions of Smartcom, Telemate, and Unicom. □

FREE ACCESS TO NSF PUBLICATIONS, PHONE BOOK & AWARDS

The U.S. National Science Foundation has made available the SCIENCE AND TECHNOLOGY INFORMATION SYSTEM (STIS). STIS is an electronic information dissemination system providing easy access to NSF's Bulletins, Guide to Programs, grants booklets, program announcements, press releases, phone directory, reports of the National Science Board, and funded research projects with abstracts. The full text of publications can be searched online and copied from the system.

STIS is available 24 hours a day, except for maintenance periods. STIS can be accessed over the Internet or by dialup. Internet access is preferable; screen displays will be faster and there are no long distance phone charges. If you have a network connection or an institutional computer account, you may be able to access STIS over the Internet.

Internet access:

telnet stis.nsf.gov or telnet 128.150

login is "public" in lowercase. you will be prompted to type in your own personal password. Keep this for future sessions.

Dialup access:

modem settings are even parity, 7 data bits, full duplex, VT100 emulation. 1200, 2400 and 9600 baud (V.32 type) is supported. The STIS Manual gives specific advice for several commonly-used telecommunications software.

dial (202)357-0359 or (202)357-0360.

login is "public" in lowercase. you will be prompted to type in your own personal password. Keep this for future sessions.

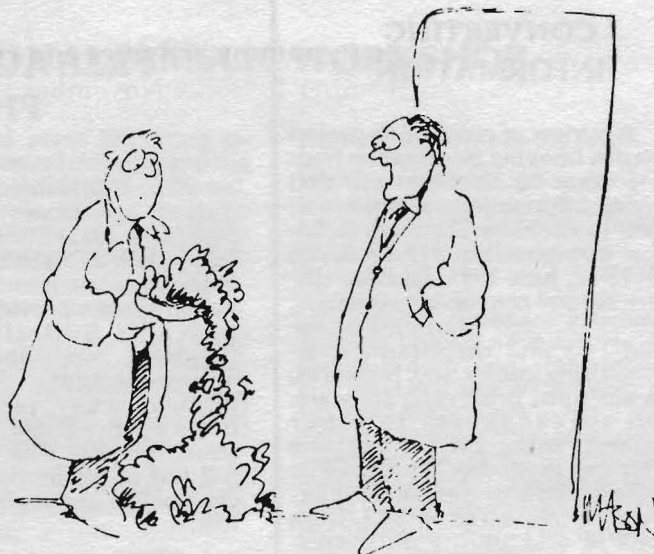
The STIS system is fairly easy to

use. Figuring out the rough spots is facilitated by glancing at the STIS Manual or viewing a help system accessible from STIS' main menu. The STIS Manual can be downloaded from STIS' main menu or obtained by an anonymous FTP (File Transfer Protocol) session over the Internet. FTP to STIS' address (128.150.195.40) and use the login and password "anonymous". Type "get stishelp.man" and an ASCII file of the STIS Manual will be transferred to your computer; type "quit" when FTP is finished. The manual is also available from Peter Brueggeman at his address listed at the front of this newsletter; send any size/density of IBM or Macintosh disk.

Everything on STIS -- Bulletins, Guide to Programs, grants booklets, program announcements, press releases, phone directory, reports of the National Science Board, funded research projects with abstracts -- can be searched, displayed and then transferred to you. Search by keywords such as "vents", "WOCE", or "seismic". Stem words like "copepod" can be searched to retrieve "copepods", "copepoda" and "copepod". Search by phrases like "global change" or "acoustic tomography". Keywords can be combined for Boolean inquiries. Search for the names of NSF contacts or principal investigators. Search for institutions sponsoring research to see what is being funded by NSF at specific institutions. You can also search for pre-defined general topics like "biological oceanography" to retrieve all material related to the broad subject. Searches can be limited ("filter") to limit retrieval to a particular NSF organization, to particular types of material like funded awards, or to date ranges. After viewing items, it can be printed from the screen display, obtained through an anonymous FTP (File Transfer Protocol) session over the Internet, requested and delivered via e-mail, or downloaded using the KERMIT protocol. NSF's STIS can be quickly mastered particularly with the manual at hand to thumb through. With some practice, you will soon be accessing NSF information on demand and with greater efficiency than in the past. □

JOURNAL PRICES

"Longitudinal study of scientific journal prices in a research library" was written by Kenneth E Marks et al in *COLLEGE & RESEARCH LIBRARIES* 52(2):125-138, March 1991. The investigators conducted a benchmark longitudinal study of scientific journal prices for a research university to study the determinants of price increases over time from 1967 to 1987. Journal titles from a variety of publishers, disciplines, and countries were studied to collect information about many factors that could influence serial prices. It was determined that inflation and greater journal length explained most of the increase in journal prices. However, it was also found that prices of journals from commercial publishers increased much more rapidly than those from nonprofit publishers over the study period. □



**How would Chemical Abstracts handle it
if you just called it "an ooky mess"?**

CHEMTECH AUGUST 1982

POSITION AVAILABLE: SCIENCE LIBRARIAN

RANK:

Assistant Professor (renewable fixed-term appointment)

DUTIES AND RESPONSIBILITIES:

Entry-level position. Has overall responsibility for The Oregon Institute of Marine Biology (OIMB) Library, a branch of the University of Oregon Library. Reports jointly to the Head of Science Library and OIMB Director. Provides reference and access services to students and faculty; serves as collection development liaison in the areas of marine/coastal biology and ecology; provides computer-based reference service, inter-library loan, library instruction, and circulation services. May serve on Library, OIMB, and University committees. Performs special projects and other related duties as assigned.

QUALIFICATIONS:

Required: MLS from an ALA-accredited library school; knowledge of academic reference service, collection development, electronic information services, and library instruction; strong academic background in the

life sciences; excellent oral and written communication skills; strong service orientation; and ability to work independently.

SALARY:

\$21,500 minimum for twelve-month appointment. Appointment beyond the minimum salary will be dependent upon qualifications, prior experience, and academic rank. Fringe benefits include choice of medical plans (Blue Cross/Blue Shield or HMO options), fully-paid state or TIAA/CREF retirement plans, 22 vacation days, and low staff tuition rates.

APPLICATION DEADLINES:

Applications received by 5:00 p.m., September 6, 1991 will receive priority consideration.

TO APPLY:

Send cover letter, resume, and names, addresses and telephone numbers of four references to:

**Ms. Laine Stambaugh
Personnel Librarian
Knight Library
University of Oregon
Eugene, OR 97403-1299 USA
☎ (503) 346-1895
(FAX): 346-3094**

The University of Oregon Library is an ARL library with current holdings of approximately 1.8 million volumes and over 21,000 serials subscriptions. The Oregon Institute of Marine Biology, one of several research institutes of the University of Oregon, is located on 107 acres of coastal property near Coos Bay on the southern Oregon coast, 116 miles from Eugene. The Library collection includes approximately 1,700 title and serial subscriptions.

The University of Oregon is an Equal Opportunity/Affirmative Action institution committed to cultural diversity. In compliance with the Immigration Reform and Control Act of 1986, all persons hired after November 6, 1986 will be required to show proof of their identity and right to work in the United States. □

INFORMATION MANAGEMENT TRAINING

(Developing Country Subsidy)

Invitation to participate in training activities and courses organized during the 3-month period 2 September 1991 - 29 November 1991 in Brussels, BELGIUM:

MANAGEMENT OF INFORMATION IN SCIENCE AND TECHNOLOGY (M I S T)
WITH AN EMPHASIS ON INFORMATION RELATED TO WATER AND THE ENVIRONMENT

APPROVED BY:

the Flemish Interuniversity Council (VLIR)

SPONSORED BY:

the Belgian General Administration of Cooperation for Development (ABOS) and by the Unesco International Hydrological Programme (IHP)

COSTS:

Free of charge(!) for participants from developing countries.

Others pay a fee for the right to participate during the whole period (30,000 Belgian Francs = about 1000 US\$) or to particular items selected from the programme. (1000 Belgian Francs per day = about 30 US\$)

Participants pay themselves for travel, meals, and housing.

A leaflet will be sent on request:

CONTACT:

Tel. ++32-2-641 24 29
 (preferably first half of the week),
 Fax ++32-2-641 22 82,
 Telex 61051 vubco-b,

E-mail (Internet): PNIEUWEN@RC1.VUB.AC.BE

MAIL:

P. Nieuwenhuysen or P. Vanouplines
 MIST
 University Library 318B
 Free University Brussels
 Pleinlaan 2
 B 1050 Brussels
 BELGIUM

COURSE CONTENTS:

- (Theory seminars individual work ...)
- Introduction to the Unesco International Hydrological Programme.
- Orientation tour of the University Library.
- Orientation tour of the Laboratory of Hydrology.
- Introduction to microcomputer systems: software and hardware.
- Microcomputer operating systems.
- The flow of information.
- Text editing, word processing, and presentation of information.
- Bibliographic descriptions.
- Exchanging bibliographic data.
- Subject classification schemes; thesauri; ...
- Telematics.
- Online information retrieval.

- CD-ROM.
- Bibliographic databases related to water and the environment.
- Downloading of information.
- Software packages for local storage and retrieval of bibliographic information, including the Unesco Micro CDS/ISIS package.
- Bibliometrics-informetrics and quantitative methods in information science.
- Library automation.
- Online Public Access Catalogues (OPACs).
- Interlibrary lending and cooperation.
- Document collection development.
- Information networks, electronic mail, computer mediated communication.
- Marketing of information and documentation.
- Introduction to Geographical Information Systems (GIS)

STUDY VISITS:

- International Reference Centre (IRC) for Water Supply and Sanitation (The Hague, The Netherlands).
- Library of the University of Antwerp (U.I.A.) + Interuniversity Postgraduate School for Information and Library Science at the University of Antwerp.
- Documentation centre of the national association for the prevention of accidents.
- Information service of the Geology Department of the Royal Museum on Africa in Tervuren near Brussels.

PERSONAL PROJECT:

Related to trainee's personal interest, based on newly acquired knowledge.

LOCATION:

The training is mainly organized at the University Library of the Vrije Universiteit Brussel (VUB), close to the rich cultural city of Brussels.

The participants will have the opportunity to participate also free of charge in the 2-day 3rd International Seminar on the Management of Information Related to Water and the Environment, also in Brussels, on 14-15 November 1991, organized in the framework of the Unesco IHP.

Previous seminars were organized in London, England (1989) and in Dubrovnik, Yugoslavia (1990).

LANGUAGE USED:

English.

GRANTS:

15 grants can be awarded for travel and accommodation by the Belgian General Administration of Cooperation for Development (ABOS) to participants from developing countries.

AIMS:

To stimulate the use of internationally available information systems (Which systems are available and how to use them?). To stimulate the development of local and national information and documentation systems (How to develop a document collection? How to build a bibliographic data base?).

CONTRIBUTORS:

Information-experts, librarians and engineers from Belgium, The Netherlands, England, Yugoslavia and Unesco.

ORGANIZERS:

Dr. Paul Nieuwenhuysen, Science and Technology Librarian, and Head of Information and Documentation

Frank Provost, Hydrologist, Information Specialist

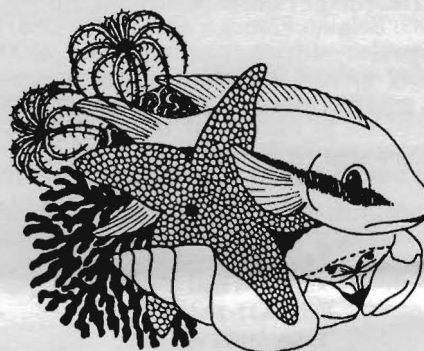
Patrick Vanouplines, Hydrologist, Course Assistant and Secretariat.

Participants will receive a certificate at the end of their training.

THE FREE UNIVERSITY OF BRUSSELS (VRIJE UNIVERSITEIT BRUSSEL VUB):

- The university campus is located just outside the centre of the city, and can easily be reached by Metro (subway), tram and bus.
- The UNIVERSITY LIBRARY offers more than 200,000 books and 3000 journals
- CD-ROM facilities access to external databanks and networks the computerized library information management system VUBIS advice on hardand software for word processing communication via networks storage and retrieval of structured textual information, etc. ...

CANDIDATES SHOULD REQUEST THE "REGISTRATION FORM" AS SOON AS POSSIBLE! A SEPARATE APPLICATION FOR A GRANT IS NOT NECESSARY. □



NEWSLETTER ON SERIALS PRICING ISSUES

An electronic (or paper) NEWSLETTER ON SERIALS PRICING ISSUES is available to anyone interested. A recent issue contained articles on the following subjects:

NEWSLETTER ON SERIALS PRICING ISSUES

ISSN: 1046-3410

(An ALCTS publication)

NUMBER 35 -- March 18, 1991

Editor: Marcia Tuttle

CONTENTS

- FROM THE EDITOR, Marcia Tuttle
- SUBSCRIPTIONS TO SOVIET JOURNALS, Marcia Tuttle
- LIBRARIES' REDUCTIONS IN SERIALS EXPENDITURES, SERIALST
- FROM THE MAILBOX, Various Readers
- HAMAKER'S HAYMAKERS, Chuck Hamaker

Readers of the NEWSLETTER ON SERIALS PRICING ISSUES are encouraged to share the information in the

newsletter by electronic or paper methods. They would appreciate credit if you quote from the newsletter.

The NEWSLETTER ON SERIALS PRICING ISSUES (ISSN: 1046-3410) is published as news becomes available from the American Library Association's Association for Library Collections and Technical Services.

Editor: Marcia Tuttle

BITNET: TUTTLE@UNC.BITNET

Faxon's DataLinX: TUTTLE;

ALANET: ALA0348

PAPER MAIL:

Serials Department

C.B. #3938 Davis Library

University of North Carolina at Chapel Hill

Chapel Hill NC 27599-3938 USA

The Newsletter is available on BITNET, DataLinX, and ALA-NET. EBSCO and Readmore Academic customers may receive the Newsletter in paper format from EBSCO and Readmore, respectively. Back issues of the Newsletter are available electronically free of charge through BITNET from the editor.

Joe Wible

Stanford University □