



NEWSLETTER

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VICE PRESIDENT'S COLUMN

Plans for the annual meeting are taking shape. We got our first choice for the symposium time slot: Tuesday morning, October 21st. The topic is "The Costs and Values of Geoscience Information," and the speaker roster is filling out. So far, I have commitments from practicing geoscientists, geoscience librarians, and editors, and I have good leads on a number of publishers. It looks to be a lively, timely, and informative session.

Local arrangements are being made for the field trip and the restaurant and city guide. For those of you unfamiliar with Salt Lake City-- prepare to be dazzled. It's a sophisticated and urbane city, with great restaurants and shopping, a colorful history, and stunning scenery. The geology's not bad, either.

I've heard from some of you about the papers and posters you'll be presenting. The technical and poster sessions are the perfect place to show off your triumphs or share your solutions. There's still time to get that project planned and that abstract written. If you need help, or just want to bounce ideas around, let me know.

Connie J. Manson
GIS Vice President

PRESIDENT'S COLUMN

I am very pleased to report on some new appointments:

Suzanne Larsen has been appointed to the AGI GeoRef Advisory Committee as the Geoscience Information Society representative.

Miriam Sheaves is taking on Linda Musser's previous position of Newsletter Editor, and the title of the position has changed. The position is now titled "Literature Review Editor" to better describe the work. Linda wrote a position description that includes these activities: monitor the library and information science literature for articles and other works of interest to the membership; prepare a list of these materials for publication in the GIS Newsletter, including short annotations if possible; find reviewers for any books sent to the society for review.

If you have a contribution to the Literature Review section or a book review for the Newsletter, please send it to Miriam, who can be reached by e-mail at: miriam_sheaves@unc.edu

Thanks very much to Linda for her years of valuable contributions to the GIS Newsletter as the Newsletter Reviews Editor! Thanks to Miriam for taking on this important job!

The Committee chairs should be thinking about their mid-year reports, which are due to me by April 30.

I have been working steadily on the Proceedings from the 1996 Conference, and am pleased to report that I have received a complete paper or an extended abstract for all the talks except one. The papers are excellent, and I expect the Proceedings will be ready to go to print by the time you receive this Newsletter.

Barbara J. DeFelice
GIS President



**GEOSCIENCE INFORMATION SOCIETY
1997 OFFICERS**

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The GIS Newsletter is published bi-monthly in February, April, June, August, October, and December by the Geoscience Information Society. Subscription to the Newsletter is \$40 per year and is included in the Society's annual membership dues. All correspondence regarding dues, membership status, and address changes should be directed to the GIS Secretary.

GIS members are encouraged to contribute materials for publication. Due to current vacancies, all materials--research articles, technical reports, information reports, officer and committee reports, publication notices, job announcements, and other news items--should be sent to the Newsletter editor until further notice.

Material for the June, 1997 issue of the GIS Newsletter should be received no later than 20 May 1997. If possible, please send materials by e-mail or on IBM-compatible disc (WordPerfect 5.1, WordPerfect for Windows 6.1, or ASCII format).

GEOSCIENCE INFORMATION SOCIETY - Final Budget Report, Jan. through Dec. 1996

	<u>Income Budgeted</u>	<u>Income Actual</u>	<u>Expenses Budgeted</u>	<u>Expenses Actual</u>
EXECUTIVE BOARD (Subtotal)	--	--	\$2,155.00	\$ 748.09
President	--	--	150.00	--
Vice-President	--	--	650.00	42.42
Past President	--	--	50.00	--
Secretary	--	--	555.00	260.96
Treasurer	--	--	300.00	54.22
Teleconferences	--	--	450.00	390.49
MEETINGS (Subtotal)	--	\$1,400.00	\$4,200.00	\$4,448.63
1996 Meeting	--	--	600.00	624.95
1996 Meeting : Exhibits	--	--	2,000.00	1,477.84
1996 Meeting : Field Trip	--	--	--	--
1996 Meeting : Contributions	--	600.00	--	--
1995 Meeting	--	--	1,300.00	2,345.84
1995 Meeting : Exhibits	--	--	300.00	--
1995 Meeting : Contributions	--	800.00	--	--
DUES (Subtotal)	\$10,255.00	\$10,040.00	--	--
Corporate	2,750.00	2,925.00	--	--
Personal	7,140.00	6,560.00	--	--
Sustaining	--	300.00	--	--
Retired	225.00	225.00	--	--
Student	140.00	30.00	--	--
PUBLICATIONS (Subtotal)	\$4,250.00	\$1,535.00	\$9,750.00	\$7,298.45
Publications Manager	--	--	750.00	805.74
Dir. of Geoscience Libraries	700.00	70.00	2,300.00	--
Mailing Labels	350.00	305.00	--	--
Membership Directory	--	--	1,200.00	980.00
Newsletter : Printing	--	--	2,400.00	2,965.38
Newsletter : Mailing	--	--	1,100.00	1,017.33
Newsletter Subscriptions	700.00	575.00	--	--
Proceedings, v.26 (1995)	1,200.00	--	2,000.00	920.00
Proceedings, v.25 (1994)	500.00	220.00	--	--
Proceedings, v.24 (1993)	500.00	140.00	--	--
Proceedings, v.23 (1992)	200.00	--	--	--
Proceedings, v.22 (1991)	100.00	50.00	--	--
Proceedings, v.21 (1990)	--	50.00	--	--
Proceedings : Index	--	125.00	--	--
Reprints	--	--	--	--
GEOINFO IV Proceedings	--	--	--	610.00

Membership Announcement (cont.)...

- provides local contacts for GIS members while traveling.

We hope that GIS's membership will continue to grow. Consider contributing to either or both types of new individual memberships.

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Such mapping provides basic scientific data that is critical for understanding the risks from floods, landslides, earthquakes and other hazards, for assessing our diminishing energy and mineral resources, for characterizing our complex water resources, and for a wide range of other issues.

The National Cooperative Geologic Mapping Program has been a powerful tool to promote cooperation between federal government, state government, and academia. The program has facilitated the provision of cost-effective and high quality scientific information for all citizens, for all applications.

As someone concerned with the provision of geological information to the public, to businesses and to scientists, I urge you to support this bill.

ANNOUNCEMENTS

Action needed-National Geologic Mapping Act of 1992

A bill to reauthorize the National Geologic Mapping Act of 1992, S. 317, needs support to move quickly through the Senate, according to David Applegate of the Government Affairs Program of AGI. This bill, to quote David, "extends authorization for the U.S. Geological Survey's National Cooperative Geologic Mapping Program, which funds geologic mapping projects carried out by the USGS and provides matching funds for mapping projects at state geological surveys and universities."

You will find more information at this web site:

<http://www.agiweb.org/agi/legis105/ngmalert.html>

Please write to your Senators at least. Other people to urge quick passage of the bill include:

Senate Committee on Energy and Natural Resources Chairman Frank Murkowski (R-AK) and ranking Democrat Sen. Dale Bumpers (D-AR); Senate Majority Leader Trent Lott (R-MS) and Minority Leader Tom Daschle (D-SD)

Connie Manson, the Geoscience Information Society Vice-President, has drafted the following letter from GIS, that can be used as an example:

Barbara DeFelice
President, GIS

The Honorable _____
U.S. Senate
Washington, DC 20510

Dear Senator _____:

I urge you to support S. 317, which reauthorizes the National Geologic Mapping Act of 1992, and extends authorization for the U.S. Geological Survey's National Cooperative Geologic Mapping Program. This valuable program funds geologic mapping projects carried out by the USGS and provides matching funds for mapping projects at state geological surveys and universities.

Announcement of Grant Award

THE INFORMATION SCIENCE ABSTRACTS (ISA) RESEARCH GRANT

New York, NY, January 31 -- The Board of Directors of Documentation Abstracts, Inc. (DAI) announces it will award the Information Science Abstracts (ISA) Research Grant of \$1,500 in 1997. This grant is awarded annually by DAI to one or more information professionals to conduct a research project oriented toward the study of the primary or secondary literature of information science. All applicants for the ISA Research Grant must be information professionals and hold a graduate degree in library or information science. No individuals who are associated with ISA are eligible. This includes members of the Board of Directors of DAI, employees of Plenum Publishing Corporation, SilverPlatter, and KRI/Dialog.

Applicants must submit a completed application package by August 31, 1997 outlining the scope and nature of the proposed project, providing evidence of an established methodology and a viable research design. Examples of possible topics for research include: the use of information resources, comparison of tools, quality of the literature, and bibliometric analysis. Recipients of previous ISA grants have researched such topics as: ISA and ARIST: Linkages to Enhance Literature Searching, A Model for Quantitative and Qualitative Database Evaluation, Using the ISA Database, and Selecting Literature on Bibliometrics Through Bradford's Law. The goal of the research must be to produce a publishable paper.

Half the amount of the \$1,500 grant will be paid upon announcement of the award and the balance will be paid upon successful completion of the research project. In addition to the cash award, access to ISA CD-ROM will be provided for the length of the grant. Announcement of the award will be made December 1, 1997.

Documentation Abstracts, Inc. is owner/sponsor of the monthly abstracting and indexing publication, Information Science Abstracts (ISA), published for DAI by Plenum Publishing Corporation. International in scope, ISA provides references to and abstracts of the useful literature in the fields of information science and library science dating back to 1966. Its coverage extends to journal articles from over 400 journals, to conference proceedings, books, reports and patents. The entire file is available for searching via Dialog File 202 and on SilverPlatter CD-ROM.

Announcement of Grant Award (cont.)...

CONTACT: For further information and for application instructions;

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Call for Proposals--NSDI Benefits Program

(Federal Agencies may apply)

Applications are now available for a new program, sponsored by the Federal Geographic Data Committee (FGDC). Projects will examine the effects of increased cooperation and data sharing on solving a particular problem in a defined geographic area. Projects MUST be lead by a federal agency, and must include partners from other federal agencies, from state, local, or tribal governments, academia, or the private sector. The projects may focus on a broad range of problems, either environmental, economic, social, or cultural. For example, projects might involve (but are not limited to) community or regional economic development; planning for and delivering cultural, educational, or community services; public health; advancing the scientific understanding of human activities on natural resources and the environment; restoring aquatic or terrestrial habitats; mitigating hazards; responding to natural disasters. Preference will be given to projects that involve multidisciplinary approaches. Defined geographic areas might include watersheds, ecosystems, counties, municipalities, regions, and so forth.

Applicants will be expected to cost share. Applications for this program will be accepted until May 16, 1997, with awards expected in July. Projects will commence in the fall of 1997 and run for one year.

For more information about this program and to download an application package, please see the FGDC home page at

<http://www.fgdc.gov>

Paper copies can be requested from the FGDC.

Barbara S. Poore
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New Listserv

The Yale University Library, Commission on Preservation & Access, and the Council on Library Resources are pleased to announce the creation of **LIBLICENSE-L**, an Internet discussion list on the topic of Electronic Content Licensing for Academic & Research Libraries. This list will be of value to librarians, information providers, publishers, attorneys in the field, and other interested parties.

To join the list, which will become active as of 15 January 1997, please do the following: Send a message to: listproc@pantheon.yale.edu Leave the subject line blank. In the body of the message, type: **subscribe LIBLICENSE-L**
Firstname Lastname

The list's owners are Rodney Stenlake, Esq. (rodney.stenlake@yale.edu) and Ann Okerson (ann.okerson@yale.edu), both of Yale University. You should contact them if there are any problems.

This list is moderated. The list moderator is Rodney Stenlake, Esq., Consultant to the Yale Library/ Commission on Preservation and Access's Electronic Content Licensing Project.

All messages will automatically be sent to Mr. Stenlake for vetting for the list.

About the LIBLICENSE-L Forum:

LIBLICENSE-L is an outgrowth of the Electronic Content Licensing Project, whose URL is:

<http://www.library.yale.edu/~License/index.shtml>

LIBLICENSE-L is a moderated list for the discussion of issues related to the licensing of digital information by academic and research libraries. Increasingly, libraries are being inundated with information created in digital format and transmitted and accessed via computers. This list is designed to assist librarians and others concerned with the licensing of information in digital format in dealing with some of the unique challenges faced by this new medium. Information providers (creators, publishers and vendors) who deal with libraries are welcomed as members of LIBLICENSE-L.

United States Bureau of Mines (USBM) Legacy Collection

The National Technical Information Service (NTIS) has the entire Bureau of Mines legacy collection, representing the research output of the organization from 1910-1995. The studies cover such topics as mineral and energy reserves of particular areas and regions of the U.S.; mining technology and prospecting; and mine safety and health.

NTIS plans to make a database of these records searchable for free on the NTIS home page (<http://www.ntis.gov>). Until direct access to the database is available, the NTIS Sales Desk staff will locate Bureau of Mines publications on request (PHONE: 703-487-4650; FAX: 703-321-8547; E-MAIL: info@ntis.fedworld.gov).

Kristin M. Vajs, NTIS
kvajs@ntis.fedworld.gov
(703) 487-4690

Oversize Color Images Scanning Project

The final report of the second phase of the Oversize Color Images Project is now available at Columbia University Libraries' web site: <http://www.columbia.edu/dlc/nysmb>

The project has focussed on use of digital imaging to provide access to brittle volumes which contain oversize and color illustrations, in this particular case maps. Phase I dealt with image quality issues when scanning from oversize color maps and from film intermediaries.

In Phase II, the scanned illustrations were mounted with bit-mapped images of the text pages scanned from preservation microfilm to provide a complete facsimile of the volumes online. The web site include the reports on both phases, as well as over 300 images of the maps captured through various means, and four complete volumes of the New York State Museum Bulletin, both text and illustrations. The project has been funded through a contract from the Commission on Preservation and Access, which has also published a paper version of the Phase I final report.

We would welcome comments from anyone on either phase of the project.

Janet Gertz
Director for Preservation
Columbia University Libraries
gertz@columbia.edu

Canadian Museum of Nature / Musee canadien de la nature

New web page: <http://www.nature.ca/>

Same mailing address:

Canadian Museum of Nature
P.O. Box 3443, Station D
Ottawa, Ontario K1P 6P4

New location of the Museum and courier address:

Canadian Museum of Nature
1740 Pink Road
R.R. #2
Aylmer, Quebec J9H 5E1

Watch for a complete entry in the new 5th. ed. of the GIS *Directory of Geoscience Libraries: United States, Canada & Mexico* to be available soon.

Ian Gordon <igordon@spartan.ac.BrockU.CA>

Geoscience Books Catalog

GeoScience Books is pleased to announce that Catalog 97A (Winter Quarterly) is now posted at this website:

<http://www.geosciencebooks.com>

Please note that we have moved and our address, phone, FAX, E-mail and URL have changed.

GeoScience Books
Michael Dennis Cohan, Bookseller
319 Mineral Ave., Libby, MT 59923-1953
mdc@geosciencebooks.com
(406) 293-2982

INTERNET RESOURCES

Athena releases in 1997

Athena, a NASA-funded project, brings online earth & space science activities to K-12 students via the World Wide Web.

There are three public servers, one in West Virginia supplied by NASA and two in Washington State, supplied by the Office of the Superintendent of Public Instruction. Use the server which is speediest for you:

NASA: <http://www.athena.ivv.nasa.gov/> (primary mirror)

OSPI: <http://athena.wednet.edu> (primary)

OSPI: <http://inspire.ospi.wednet.edu:8001/> (secondary mirror)

To link to the materials which are new or updated this year, check out the *What's New* page at

<http://www.athena.ivv.nasa.gov/project/whatsnew.html>

Release 4.5 - 11 March 1997

Comet Hale-Bopp page and "Survey" - comet information and an opportunity for students to share their observations (NEW)

Tracking Drifter Buoys

Ocean Currents more information and related links (UPDATED)

The Data, 1996 data (UPDATED)

Storms from Space, replacing many expired links (UPDATED)

Release 4.4 - 27 January 1997

Dan and Ann's Scavenger Hunt for Kids - an introductory activity for students new to the World Wide Web. (NEW)

Cartography - the Art of Making Maps, the Science of Where You Are. Zoom in from space with student activities that explore maps and data images. (NEW)

The Lake Hills Greenbelt Trail, a walking tour of this Northwest urban wetlands area (NEW)

Teacher Reflections - informal reflections of classroom experiences using on-line instructional materials by Athena Pilot teachers. (NEW)

Lorraine Johnson, Athena Team, SAIC/Bellevue WA

Disaster Preparedness Manual

<http://www.wnylrc.org/pub/disman.htm>

This is the Web sit of the Western New York Library Resources Council's *Western New York Disaster Preparedness and Recovery Manual for Libraries and Archives*, (1996) - an excellent guide that includes extensive reference material as well as worksheet and planning sections.

URL-Minder

Keeps track of Web pages and other resources on the WWW and sends you e-mail whenever your personally registered resources change: The URL-minder: Your Own Personal Web Robot! <http://www.netmind.com/URL-minder/>

Dartmouth Electronic Volcano

The *Dartmouth Electronic Volcano* has moved; new address is: <http://www.dartmouth.edu/~volcano/>

LITERATURE REVIEWS

by Miriam Sheaves

I am pleased to be appointed as Literature Review Editor, and will try to follow Linda Musser's excellent lead. Linda has kept us aware of important articles and other information resources since her first column in October of 1993. In preparing to take on this assignment, I looked through her past columns, and by my count, noted citations from at least 70 different serial titles (not to mention books, websites...). Thanks, Linda!

This would be an appropriate time to call your attention to the latest issue of *Science and Technology Libraries*. **Linda Musser** has an article entitled, "Internet Information on Hazards and Disasters: Resources for Researchers" (v.16(1) 1996: 11-18). This annotated bibliography includes sections on multidisciplinary resources, geologic and environmental hazard resources, disaster relief, rescue & investigation resources, and a section on newsletters, listservs, discussion groups and bulletin boards.

In this same issue is a discussion of the various issues involved in moving a branch library: "Integrating a Branch Chemistry Library into the Main Campus Library: Two Perspectives", by Veronica Calderhead (p.49-80). In two separate back-to-back articles, she addresses first the user perspective, and then gives details from an operations research approach.

Louise Zipp has an article in *Library Resources & Technical Services* (v.40(4) Oct. 1996: 335-342). "Thesis and Dissertation Citations as Indicators of Faculty Research Use of University Library Journal Collections" reports her citation analysis research, including a comparison of data with citation studies done at Stanford, UCLA, and Temple.

This issue of *LRTS* also features "Use Studies: A Selective Review" by **Nancy Butkovich**, p.359-369. Nancy reviews a variety of different methods including core lists and opinion surveys, reshelving studies, non-use studies, circulation studies, patron observation, citation analysis, and interlibrary loan requests.

Another interesting article reporting a citation analysis done at the Institute of Advanced Studies at the Australian National University is reported in *Scientometrics* (v.37 (3) 3 Nov-Dec 1996:473-494). P. Bourke and Linda Butler looked at citation rates of journal publications in relation to other types of publications. Part of their article, "Publication Types, Citation Rates and Evaluation" evaluated the usefulness of ISI's coverage of Australian academic research output.

"Holes in the Net and its Web", by Marydee Ojala, discusses what professional searchers can and cannot expect from the World Wide Web (*Searcher*, v.5 (1) Jan. 1977: 32-37). She makes comparisons to online searching, discussing both the pitfalls of WWW searching and some of its advantages.

-- I welcome your comments and suggestions. You may contact me at miriam_sheaves@unc.edu. --

FORTHCOMING MEETINGS/COURSES

Summer Institute in the Cartographic Sciences

The 1997 Summer Institute in the Cartographic Sciences will be held at Salem State College in Salem, Massachusetts from 2 June to 11 July. Six 1-week courses will be offered this year; Digital Image Processing of Remotely Sensed Data, Geographic Information Systems, Advanced Geographic Information Systems, Computer-Assisted Cartography, Air Photo Interpretation, and Interpretation/Analysis of Remote Sensing Imagery. These college accredited courses offered at the graduate level are designed to provide students with technical expertise requisite to proper geoscience analyses. Participants may enroll in any sequence of courses and upon successful completion of any four a Certificate in the Cartographic Sciences is awarded. Courses toward the Certificate may be accrued over a period of years.

For more information contact:

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FAX: 508/740-7113

http://dgl.salem.mass.edu

PUBLIC REVIEWS OF FGDC STANDARDS

The Federal Geographic Data Committee announced public reviews of standards for soils data, a point profile for the Spatial Data Transfer Standard (SDTS), standards for geospatial positioning accuracy, digital orthoimagery, and digital elevation data. The FGDC invites state and local governments, academia, and the public to review, test, and evaluate the proposed standards. Comments are encouraged about the content, completeness, and usability of these standards. After public review and revision the standards may be considered for adoption by the FGDC.

Soil Geographic Data Standard

Public review of the proposed Soil Geographic Data Standard will close April 1, 1997. The proposed standard will specify standard names, definitions, ranges of values, and other characteristics of soil survey map attribute data developed by the National Cooperative Soil Survey (NCSS). The NCSS is composed of federal, state, and local government agencies who cooperatively develop the soil survey of all United States lands.

The proposed standard will be used by federal agencies to inventory, map, and report on the soil resources of the United States. The standard includes descriptions of the proposed data elements to be used when reporting and transferring data about soil map units for NCSS soil maps. The soil attribute data associated with soil maps include the physical and chemical properties of the soils, interpretative information, the arrangement of these soils into soil map units, and information about the soil map units.

Spatial Data Transfer Standard (SDTS), FIPS 173, Part 6: The Point Profile

Public review of SDTS, Part 6: The Point Profile will close April 1, 1997. This profile provides for the transfer of high precision geographic point data in compliance with SDTS, FIPS 173. The point profile is for use with geographic point data. It provides an option to carry high precision coordinates such as those required for geodetic network control points. The intent of the point profile is to specify standards for transfers of geographic point data describing real world features such as high precision geodetic networks rather than data derived from map graphics. The profile does not include standards for transferring topological structures.

Geospatial Positioning Accuracy Standard

The public review and comment period for this standard will close on May 15, 1997. The Geospatial Positioning Accuracy Standards provide common methods for reporting the horizontal and vertical accuracy of clearly defined features where the location is represented by a single point coordinate. The standards provide a consistent means for users to directly compare positional accuracies obtained by different methods for the same point.

The Geospatial Positioning Accuracy Standards contain sections on reporting methods, a proposed standard for geodetic networks, and a proposed national standard for spatial data accuracy. The proposed geodetic standard will replace previous accuracy standards of the Federal Geodetic Control Subcommittee and the proposed spatial data accuracy standard will replace the United States National Map Accuracy Standard (U.S. Bureau of the Budget, 1947).

Digital Orthoimages

The public review and comment period for this standard will close July 25, 1997. This standard defines the orthoimage theme of the digital geospatial data framework as envisioned by the Federal Geographic Data Committee. This standard will provide a common baseline for the description of digital orthoimages to facilitate data interchange. The standard describes for quality control procedures, testing, processing, accuracy and reporting standards for digital orthoimages and applications considerations.

Digital Elevation Data

The public review and comment period for this standard will close July 25, 1997. This standard defines the digital elevation theme of the digital geospatial data framework as envisioned by the Federal Geographic Data Committee. This standard will provide a common baseline for the description of digital elevation data to facilitate data interchange. The standard describes procedures for quality control, testing, processing, accuracy and reporting standards for digital elevation data and applications considerations.

More information on the reviews, and digital versions of the standards can be obtained at:

Soils: <http://www.fgdc.gov/SWG/soilann.html>
SDTS Point Profile:

<http://www.fgdc.gov/SWG/sdtsann.html>

Accuracy: <http://www.fgdc.gov/SWG/accrvw.html>

Digital Orthoimages:

<ftp://www.fgdc.gov/pub/standards/DigOrtho>

Elevation: <ftp://www.fgdc.gov/pub/standards/DigElev>

Written copies may be obtained from: Soils Standard Review *or* SDTS Point Profile Review *or* Geospatial Positioning Accuracy Standards Review, *or* Digital Orthoimagery Standards Review, *or* Digital Elevation Data Standards Review, FGDC Secretariat (attn: Jennifer Fox), U.S. Geological Survey, 590 National Center, 12201 Sunrise Valley Drive, Reston, Virginia, 22092, telephone 703-648-5514; facsimile 703-648-5755; or Internet "gdc@usgs.gov.S

Review comments should be sent to the above address. Please be sure to specify in your address the standard to which your reviews pertain. Please send one hard copy version of the comments, and a soft copy version, preferably on a 3.5x3.5 diskette in WordPerfect 5.0 format.

Barbara S. Poore
Federal Geographic Data Committee
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**R.I.P.
UNITED STATES BUREAU OF MINES (USBM)
1910 - 1996**

From 1910 through 1995, employees of the U.S. Bureau of Mines provided information to many, many, people and organizations throughout the world. In September, 1995, the U.S. Congress voted to abolish the U.S. Bureau of Mines (USBM). Due to the long and tortuous FY96 budget process, the bill did not become law until January 26, 1996 when the "Balanced Budget Down Payment Act" (Pub. L.104-99) was approved. Final appropriations were made in Pub. L. 104-34, April 26, 1996.

Between September, 1995 and January, 1996, employees worked to transfer the few surviving functions to other agencies and close down the rest of the USBM in an orderly manner. Many of the functions previously performed by the USBM no longer exist. Abolishing an 85 year-old statutory agency in less than 100 days resulted in some gaps -- mainly, what happened to the specialists and all that information!

This bulletin is an unofficial communique, intended to provide sources of information and points of contact for the former U.S. Bureau of Mines.

Most USBM publications published after 1970 are available for purchase from the National Technical Information Service (NTIS)(703/487-4650). An index to the entire list of USBM pubs (11 volumes) is also available from NTIS. The Bureau of Mines was also a part of the United State GPO (Government Printing Office) Depository Library Program. These libraries should have USBM publications available for reference use. The

USBM video program is defunct, although a few educational institutions may still have a loan program.

Five former USBM libraries continue to function under new names, and different agencies. As these libraries were incorporated into their new agencies, their mission may have changed. Library staff will continue to provide mission-related information, and are willing to act as a last resort for information about USBM publications. Interlibrary loan requests may be made to the appropriate library via OCLC.

CONTACTS - FORMER U.S. BUREAU OF MINES

Health and Safety Programs

- Transferred to NIOSH (National Institute for Occupational Safety and Health)
- Pittsburgh, PA and Spokane, WA
- Program contact: 412/892-6601
- Library contact: 412/892-4431 (Pittsburgh)
- Library contact: 509/484-1610 (Spokane)
- Library Internet: kis2@niosh5.em.cdc.gov
- OCLC symbol: QPC

Materials Research Program

- Transferred to U.S. Department of Energy
- Albany, OR
- Program contact: 541/967-5892
- Library contact: 541/967-5864
- Library Internet: clark@alrc.doe.gov
- OCLC symbol: BOM

Minerals Information Programs

- Transferred to U.S. Geological Survey
- Reston, VA and Denver, CO
- Program contact: 703/648-6140
- Website: <http://minerals.er.usgs.gov/minerals>
- Library contact: 703/648-7754
- Library Internet: mic_lib@usgs.gov
- OCLC symbol: UEB*

*UEB is an inactive library. If UEB is listed as a holding library, please send request to GIS with note: "UEB" collection.

Minerals Analysis Program

- Transferred to U.S. Bureau of Land Management
- Juneau, AK and Anchorage, AK
- Program contact: 907/364-2111
- Library contact: 907/364-2111
- Library Internet: ???
- OCLC symbol: N/A

To purchase USBM publications

- National Technical Information Service (NTIS)
1-800-553-NTIS or 703/487-4650

Robert Bier (Bob)
U.S. Geological Survey Library
952 National Center
Reston, Va. 20192
Voice: (703) 648-6207
e-mail: rbier@usgs.gov
fax: (703) 648-7753

GEOSCIENCE SERIAL PRICES
 compiled by: Michael M. Noga
 Collection Development Issues Committee

This is a continuation of the price lists published in the December 1996 and February 1997 GIS Newsletters.
 Prices come from invoices, price lists from publishers, serial vendor catalogs, and journal issues. Prices vary depending on the subscription source and the time when a subscription is paid.

Serials are included in the list if they fit two criteria: 1) The subject fits broadly in the geosciences; and 2) there is sufficient price information. The latest title of each serial is used.

PRICES IN U.S. DOLLARS

	1992	1993	1994	1995	1996	1997	1998	
Alcheringa.....	49	67	67	79	82	86		
Antarctic Journal of the United Sta	13	13	24	24	24	23	23	
Annual Review of Earth & Planet Sci	53	53	56	56	60	126		
Atlantic Geology.....	38	38	38	43	43	48	48	
Boreas.....	140	142	127	143	172	179	189	
Bulletin of Canadian Petrol Geology	67	59	59	59	60	60		<C\$100
Chikyu Kakagu (Earth Science).....	102	109	132	134	152	152		not @ MAD
Chinese Journal of Geophysics.....	320	350	375	405	455	500	560	
Fluid Inclusion Research..... <i>C&E SED</i>	32	32	32	32	32	32	32	
Geoarchaeology.....	195	225	260	294	342	568	656	
Geochemical Journal.....	150	160	180	190	190	190		\$24,000
Geochemistry International.....	N/A	1150	1296	1488	1764	1800		
Geolog.....	14	13	15	15	15	15		
Geological Soc of India. Journal...	100	100	100	100	125	125		
Geologie en Mijnbouw.....	124	168	153	187	247	250	252	
Geophysics.....	210	265	265	250	250	250	250	
Geoscientist.....	63	67	70	70	76	82	95	
Geostandards Newsletter.....	71	75	86	102	103	99		
Geotectonics.....	395	395	395	395	395	435	435	
Ground Water.....	63	90	90	100	150	165	200	
Ground Water Monitoring & Remediat	19	30	30	35	53	58	70	
GSA Abstracts with Programs.....	70	73	80	73	89	113		
Hydrological Processes.....	225	250	345	495	725	995	1295	
Hydrological Sciences Journal.....	160	160	160	160	170	180	180	
International Geology Review.....	748	789	849	889	949	985	985	
International Journal of Coal Geolo	567	617	466	521	696	802	1138	
Izvestiya, Atmos and Oceanic Phys..	550	550	550	550	550	605	605	
Izvestiya, Phys of the Solid Earth.	565	565	565	580	580	638	638	
Journal of Glaciology.....	195	191	205	219	242	271		check receipt 1997 prices in current USD
Journal of Hydrology.....	1694	2349	2383	2495	3147	3475	3,621	
Journal of Micropaleontology.....	100	100	110	100	108	117	123	
Journal of Molluscan Studies.....	150	160	165	170	190	205	220	
Journal of Petroleum Geology.....	240	264	280	294	294	304	304	
Journal of Physics of the Earth....	115	115	143	143	143	143	143	<193
Journal of Sedimentary Research... <i>(SEPM)</i>	120	152	152	152	166	166	180	180
Journal of the Atmospheric Sciences	320	350	350	355	390	455	475	
Journal of Vertebrate Paleontology.	85	85	85	85	125	195	195	
Leading Edge.....	65	70	70	70	70	70	70	
Lethaia.....	140	142	129	143	171	179	179	
Limnology and Oceanography.....	160	160	160	175	175	175	175	
Mineralogy and Petrology.....	416	503	564	779	732	745	700	
Mountain Geologist.....	34	34	34	34	34	34	34	
Nature.....	350	428	425	425	495	495	595	
Nautilus.....	40	40	40	45	45	45	45	
Norsk Geologisk Tidsskrift.....	122	133	125	135	155	160	170	

Oil and Gas Journal.....	105	120	127	135	145	145	145
Paleontological Journal.....	450	596	660	894	985	1084	1084
Petroleum Geoscience.....	N/A	N/A	N/A	171	180	195	217
Planetary Report.....	25	25	25	25	25	25	25
Progress in Physical Geography....	138	148	170	185	207	229	229
Quarterly J of Engineering Geology.	223	234	245	245	281	304	307
Review of Palaeobotany and Palynol	715	898	908	973	1457	1574	1552
Reviews of Geophysics.....	220	220	220	250	250	250	265
Rock Mechanics and Rock Engineering	189	215	225	237	222	228	228
Russian Geology and Geophysics.....	830	875	920	980	1065	1155	1245
Science.....	195	205	215	228	250	260	260
Teaching Earth Sciences.....	25	29	26	27	24	29	
Terra Nova.....	295	338	314	358	409	433	502
Trans of Roy Soc Edinburgh Earth Sc	133	133	124	133	145	153	
Venus.....	65	68	83	129	138	150	
Water Research.....	1145	1493	1615	1841	2268	2516	2516
Water Resources Research.....	505	530	660	675	675	680	720
Yorkshire Geological Soc Proceeding	67	77	94	92	96	109	114
Zeitschrift der Deutsch Geol Gesell	65	67	67	67	67	67	67

Reedit?
VCCA?

TOTAL NUMBER OF TITLES = 203 (includes 12/96 & 2/97 lists)

AVERAGE PRICE CHANGE (1996/1997) = 10.1%
(calculated for all 3 lists)

Mary Frances Lembo, GIS Newsletter Editor
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