

GEOSCIENCE INFORMATION SOCIETY

NEWSLETTER no. 9

January 1969

GIS OFFICERS

The new GIS Executive Committee for 1969 are:

President:

Eleanore E. Wilkins (Librarian, U.S. Geological Survey, 345 Middlefield Rd, Menlo Park, Calif. 94025)

Vice-President:

Melvin Weinstock (Senior Resident Information Consultant, Herner and Company, 2431 K St NW, Washington, D.C. 20037)

Secretary:

Mrs. Marjorie W. Wheeler (5775 Viking Drive, Beaumont, Tex. 77706)

Treasurer:

Donald H. Owens (Associate Chief, Information Operations Division, Battelle Memorial Institute, 505 King Ave, Columbus, Ohio 43201)

Past President:

Dederick C. Ward III (Librarian, Earth Sciences Library, 204 Geology Bldg, Univ of Colorado, Boulder, Colo. 80302)

The new officers assumed their positions on 1 January 1969.

1968 GIS CONVENTION in MEXICO CITY

The 3rd Annual Convention of the Geoscience Information Society was held in Mexico City in conjunction with the meetings of the Geological Society of America, 11-13 November 1968. We had an excellent turnout of about 35 members, 23 of whom attended the all-day field trip on the 14th. The technical session in the morning of the 11th attracted many non-GISers. There was a 2 1/2 hour business meeting following the technical session.

The Technical Session was titled "Information Exchange". Co-chairmen were Julie H. Nott (Southwest Center for Advanced Studies, Dallas) and Dr. Calvin H. Stevens (San Jose

State College).

The first paper, by Louis I. Briggs and Darinka Zigic (Univ of Michigan), described the information services and systems in the Subsurface Laboratory at the Univ of Michigan. The laboratory has developed as a center for the acquisition, classification, and dissemination of computer-processible information for a collection of geologic materials and raw data that include cores, drill cuttings, geophysical logs, and maps. Computer programs have been developed for statistical and stratigraphical analyses and for mapping display.

Alfred T. Miesch, George Van Trump jr, R.V. Mendes, and T.G. Lovering (U.S. Geological Survey, Denver) discussed computer processing of geochemical data on the nationwide computer facility of the USGS. Computer programs are contained primarily in two integrated systems: RASS (Rock Analysis Stage System) and STATPAC (Statistical Package). Geochemical data produced in Survey laboratories on 10,000 individual rock samples have been routinely entered into RASS since January 1968; each record consists of coded descriptive information and numeric data generated in analysis. Programs in STATPAC provide graphical displays, statistical summaries and analyses, and preparation of tapes to drive an XY-platten.

William W. Doyel (U.S. Geological Survey, Washington) dealt with the Catalog of Information on Water Data, a computerized listing of types and nature of water data available, and of the mode and location of data storage. At present, four sections of the catalog have been partially activated, and list information on stations (at which surface-water stage and flow, water quality, and groundwater levels are measured recurrently), on areal investigations, and on miscellaneous activities. Additional sections are in the planning stage. Indexes for each section of the catalog are available on request to the Water Resources Division, U.S. Geological Survey, Washington, D.C. 20242.

Howard B. Shirley (Battelle Memorial Institute) concluded the session with a paper on discipline-oriented national information net-

works. After outlining the qualifications for assistance from the National Science Foundation (which encourages, supports, and coordinates such networks), the current activities in the areas of biology, chemistry; engineering, mathematics, physics, social sciences, psychology, and the earth sciences were reviewed. Mr. Shirley emphasized that it is to the advantage of all persons engaged in the development of discipline-oriented national information networks "to establish a means of maintaining current awareness of the techniques, progress, and results of all similar programs".

The Business Meeting immediately following the technical session was convened at 11:30 a.m. by President Dederick C. Ward, III. There were about 20 GIS members in attendance. The minutes of the 1967 meeting of GIS (held in New Orleans, 22 November) were read by Secretary Eleanore E. Wilkins and accepted.

Treasurer Georgianna D. Conant presented the GIS financial report (see page 4 of this newsletter). Howard B. Shirley, GIS Representative to the AGI House of Society Representatives, reported on the House meeting, 10 November 1968, in Mexico City.

Brief reports of GIS committees and projects were heard:

Bibliography of Theses in Geology: The 255-page bibliography of theses in geology accepted by U.S. and Canadian colleges and universities for the years 1965 and 1966 has been published by the American Geological Institute, 2201 M St NW, Washington, D.C. 20037. Titles of 1967 and 1968 theses have been (or are being) collected, and the bibliography for these years is scheduled for publication by AGI in 1969.

Guidebook and Ephemeral Materials Committee: Chairman John A. Chaffin reported that the committee has issued "Geologic field trip guidebooks of North America; a union list incorporating monographic titles", published in 1968 by Phil Wilson, Houston. The 97-page reference contains 218 entries and includes holdings of 23 participating libraries. There is a cross-referenced geographic index, and information is given as to non-publication and to various editions and forms of publication. Already, 150 orders have been placed. The price is \$37.50. Or-

der from: Phil Wilson, Publisher, 4701 Nett St, Houston, Tex. 77007.

Project Development Committee: Owing to other commitments, Keith Young has asked to be relieved of his duties as chairman of the committee. The Executive Committee is taking a close look at the function and work of the PDC with a view toward redefining its purpose and organizational relationships. In the meantime, Vice-President-elect Melvin Weinstock will head up project-development activities.

Committee on Geoscience Serials: In May 1968, GIS submitted a proposal to the National Science Foundation for the compilation of an international checklist of current geological serials. Partly due to the cutback of Federal expenditures, the proposal was not accepted.

CEGS Projects: Also due to the cutbacks on funding, two GIS projects supported in part by the Council on Education in the Geological Sciences have been postponed until 1970. These are the updated edition of an annotated bibliography of geological education, and a buying list of basic maps for the nonspecialized geoscience-department library.

Geoscience Library Directory: GIS has published a 49-page "Directory of geoscience libraries; U.S. and Canada", compiled by Richard D. Walker (Univ of Wisconsin), assisted by H. Gera Freeman, Irene M. Kettner, and Doreen M. Sutherland. The directory lists 230 geoscience collections (arranged by state or province) and each entry contains the names of the library and parent organization, address, date of founding, telephone number, size of staff, holdings (including the number of volumes held and periodicals currently received, as well as any special materials such as microforms, theses, and maps), subjects covered by the holdings, and indication of subject "strengths", special collections, and special services. The directory is available (to GISers and nonmembers) for \$2.00 per copy. Order from: Mrs. Marjorie W. Wheeler, 5775 Viking Drive, Beaumont, Tex. 77706. Make check payable to the Geoscience Information Society.

After the announcement of the election results, the introduction of Eleanore E. Wilkins as 1969 GIS President, and discussion of plans for the 4th Annual Convention in Atlan-

tic City in November 1969, the meeting was adjourned at 2:00 p.m.

The one-day Field Trip featured visits to the principal libraries of Mexico City. The institutions visited, and the librarians who hosted the participants, were: the 175,000-volume Universidad Nacional Autónoma de México (Alicia Perales de Mercado, director of libraries); Instituto de Geología (F. Rodriguez C., librarian); Instituto de Ingeniería (Ana María Magaloni de Bustamente, librarian); Comisión Nacional de Energía Nuclear (Pedro Lamora, librarian); Museo Nacional de Antropología (Antonio Pompa y Pompa, director); and Biblioteca Nacional (Ernesto de la Torre, director).

PRESIDENT WARD'S LETTER to GIS

To the members of the Geoscience Information Society:

Informationwise in North America, I suppose I would have to classify the creation of the AGI Committee on Science Information as the principal event of the past year. As you have read in past newsletters, it is through this committee that long-range plans for a geoscience-information concept will be formulated. And this concept will undoubtedly set the stage for future assaults (and grants) on the problems identified during the study. The Committee's report is due in the spring of 1969, and we, the GIS, having contributed both to the inception of the Committee and to its study, will be avidly awaiting it.

For words to sum the activities within the GIS during the past year, I would choose the phrase "relative quiescence"--relative, of course, to the rigors of our formative years in which we also experienced rapid affiliations with AGI and GSA, with attendant responsibilities to each.

Quiescence, unfortunately, in another sense. The ceilings imposed on funds derived from the National Science Foundation have delayed some of our on-going projects. Most disheartening was the recent rejection by NSF of our proposal to begin compilation of an international checklist of current geological serials. The buying list of basic maps

for the nonspecialized geoscience-department library and the second edition of the annotated bibliography of geological education were postponed until at least 1970. Offering some consolation, I can balance these setbacks by announcing three completed GIS publications: Geologic field trip guidebooks of North America; a union list incorporating monographic titles; volume 1 of the Proceedings of the Geoscience Information Society; and Directory of geoscience libraries; U.S. and Canada.

Individual membership in GIS has leveled off as expected. With a current individual membership of 248, we can expect that from now on our foreign membership might show the greater gain. Institutional membership, however, is another matter. This coming year we expect to encourage institutional membership in GIS through an active recruitment program. There is every reason to believe that we could double our total membership if we cultivate our newly created category of corporate or institutional membership.

The GIS annual meeting in Mexico is highlighted elsewhere in the newsletter, and I'll not comment further except to say that, although the GIS contingent was small in number (this was expected), those who did attend enjoyed one of the most unique and refreshing conventions ever assembled by the GSA and its affiliated societies. We expect many more GISers at Atlantic City (10-12 November 1969) and already we are planning for a technical session, seminar-type discussions for the different areas of information exchange, a luncheon, and an exhibit booth. Mark this one on your calendar now!

I'd like to touch on a final topic: that of membership involvement in GIS. During the past year I've tried to involve as many different GIS members as practicable; and member response to requests from the Executive Committee has been remarkable. I know that incoming President Eleanore Wilkins plans to continue and expand this trend and hopefully to utilize the Atlantic City meeting and the geology sectional meetings to help further GIS member participation. I am hopeful of greater participation from our membership outside North America; where our foreign membership is grouped, we want to consider chapter organizations, however informal they may be.

I am most grateful for the generous support and helpful advice of the members of the Executive Committee. I wish to extend a most sincere thanks to members of our standing and special committees and to those members who have represented GIS in its external dealings.

It has been an honor and privilege to work with you and to make what contribution I could to this Society. I hope that GIS will always have your loyalty and affection as it will mine.

Sincerely,
Dederick C. Ward, III
GIS President, 1968

PRESIDENT-ELECT WILKINS' LETTER to GIS

To the members of the Geoscience Information Society:

As the Geoscience Information Society looks forward to the new year, I, as incoming president, would like to commend our retiring president for his work in the direction of the Society during 1968, consolidating gains and projecting future development. I hope we can continue these trends and do as well in 1969.

One of our major concerns, as Dedy Ward mentions in his message, is that of membership involvement. This is essential for a viable organization. The 1969 Atlantic City meeting should provide some of this as well as providing more opportunity than previous meetings for exchanges of ideas. But we hope that some of this can be developed on an on-going basis through local meetings and participation in the Newsletter.

In areas where there are enough members we would like to promote local activity, possibly formalized as chapters. As Dedy mentioned, GSA sectional meetings could provide opportunities for GIS members to get together.

We would also like to see articles by members in the Newsletter and herewith solicit contributions. We are aware of some projects which individuals are pursuing in their respective institutions. These would be of

considerable interest to others, or their initiators might wish to seek cooperation among GIS members. The Newsletter should serve as a vehicle for such exchanges as well as for discussion of problems and opinions.

Your Executive Committee welcomes your suggestions and comments on Society plans and policies. And we look forward to seeing you in Atlantic City!

Sincerely,
Eleanore E. Wilkins
GIS President, 1969

GIS TREASURER'S REPORT

At the GIS annual convention in Mexico City, 11 November 1968, Treasurer Georgianna D. Conant reported for the interim between the 1967 New Orleans meeting and 5 November 1968:

Balance (15 Nov 1967)	\$ 1,050.93
Received (11.15.67 to 11.5.68)	1,259.78
Disbursed (11.15.67 to 11.5.68)	1,548.85
Balance (5 Nov 1968)	\$ 761.86

Dues for 1968 were received from 248 members, 40 of them new and two reinstated. The largest expenses have been printing (\$451.12), postage (\$226.49), AGI affiliation dues (\$200) and clerical help (\$124.88).

Expenses for ongoing projects (as of 5 November 1968):

Newsletters	\$ 327.50
Office routine	168.55
Membership Directory	165.50
Membership drive	91.52
Geology Library Directory	78.19
Conferences	58.09
Guidebook list	40.62

Anticipated expenses for the remainder of 1968 include: Geology Library Directory (\$258.05); preparation and mailing of dues invoices; and transfer of records to new officers.

GIS MEMBERSHIP DIRECTORY--1968

Copies of the membership directory, 1968 edition, have been mailed to GIS members. Additional copies are available from the GIS Sec-

retary, Marjorie W. Wheeler, 5775 Viking Drive, Beaumont, Tex. 77706.

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Errata in directory: Bell (zip code 83702) ---Capritta (303 Miles Ave, Syracuse, N.Y. 13210)---Fontaine (1204 1/2 Washington Ave, not 911 10th St)---Morrison (1610 Newton Drive, not 1808)---Powell (Head, Natural Sciences Section, Subject Cataloging Division, U.S. Library of Congress)---Skene (6255 Del Monte, Houston, Tex. 77027)---Thatcher (change of address until 1 July 1969: 40 Cathcart Rd, Kensington, London SW 10, U.K.).

Omission from directory: Goodwin, George H., jr. (202 Ackerman Ave, Ridgewood, N.J. 07450).

ANNOUNCEMENTS

With the aid of a \$105 grant from the Geological Society of America, GIS has been running a recruitment advertisement in the November, December, and January issues of Geotimes. Manpower Committee chairman Mark W. Pangborn, jr., reports that 30 inquiries have been received thus far. A similar campaign carried on last year, also with the support of a GSA grant, has been a qualified success: based on follow-up letters, Mr. Pangborn estimates that most of the dozen or so geoscience graduates newly enrolled in library schools were steered into them as a result of our 1967/1968 campaign.

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A paper entitled The Geoscience Information Society--a forum for specialized scientific communication by GISers Howard B. Shirley and Past President Dederick C. Ward, III, was presented at the 31st annual meeting of the American Society for Information Science held in Columbus, Ohio, 20-24 October 1968, and has been published in the Proceedings (v.5, p.31-35) of that meeting. The paper is an excellent summary of the origin, organization, aims & objectives, membership, advantages, and activities & accomplishments of GIS. It includes a tabulation of completed projects, ongoing & continuing activities, and projects for future consideration. Reprints will be distributed to all GIS members.

Volume 1 of the Proceedings of the Geoscience Information Society, entitled Handling geoscience data and information, will be available in late January 1969. Copies of the 54-page document will be distributed to all members of GIS. Extra copies, and copies for nonmembers, are available for \$2.00 per copy from the Secretary, Marjorie W. Wheeler, 5775 Viking Drive, Beaumont, Tex. 77706. Make check payable to the Geoscience Information Society.

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The acquisition of Latin American scientific and technological materials will be the special topic for discussion at the 14th Seminar on the Acquisition of Latin American Library Materials (SALALM), to be held in San Juan, Puerto Rico, 17-20 June 1969. Harriet W. Smith (Geology Library, 223 Natural History Bldg, Univ of Illinois, Urbana, Ill. 61801) is preparing a list of the geological societies in Latin America for this meeting. She will appreciate receiving information from any GISers who have encountered problems in obtaining publications from Latin America.

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The GIS Newsletter is interested in learning about any special projects carried on by GIS members in an effort to advertise to others what is currently being undertaken and possibly to encourage cooperation among those working on similar problems. For example, Hartley K. Phinney, jr. (Biology-Geology Librarian, Princeton Univ, Princeton, N.J. 08540) is compiling a list of map publishers; he is interested in learning if other GISers are working on similar lists or have already compiled such a list, and is willing to share the information he has collected.

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Librarians wishing to exchange materials are urged to contact the editor of this newsletter. We would like to list those libraries that have material to offer and those that have certain needs to fill. It is not intended that the newsletter will list specific items, but rather types or categories of material, such as guidebooks, state geological survey publications, books published in cer-

tain countries or on specific subjects, foreign theses, runs of serials, etc.; in this manner, it is hoped that correspondence can be initiated between libraries wishing to exchange materials.

GISers in the NEWS

John A. Chaffin, formerly of Northwood Institute in Cedar Hill, Tex., is now with the Dallas Public Library.

Margaret A. Gardner, formerly reference librarian at the International Nickel Co., is now librarian, Exploration Library, Standard Oil Co. of New Jersey, 30 Rockefeller Plaza, New York, N.Y. 10020.

Donna Lemon (Tulsa City-County Library System, Okla.) and Edward P. Miller have prepared a paper entitled: "Putting knowledge to work on the current awareness bulletin". It was published in 1967 by the Documentation Division of the Special Libraries Association in a collection of contributed papers which are available from: Audrey N. Grosch, Treasurer, Documentation Division, SLA, 3314 Kyle Ave North, Minneapolis, Minn. 55422.

William H. Matthews, III, of Lamar State College of Technology has been elected vice-president of the National Association of Geology Teachers at its November 1968 meeting in Mexico City.

Janet R. Meserve, formerly a cataloger at the Univ of Illinois, is now with the Subject Cataloging Division of the U.S. Library of Congress.

Harriet W. Smith, geology librarian at the Univ of Illinois, has been appointed membership chairman for the International Relations Roundtable of the American Library Association.

Robert M. Sneider, formerly with Shell Oil Co., has been transferred to Shell Development Co., Technical Training Dept. He was also promoted to Senior Staff Production Geologist. His new address: Shell Development Co., Box 481, Houston, Tex. 77001.

Bill M. Woods, executive director of Engineering Index, has been elected to the Board of Directors of the National Federation of Science Abstracting and Indexing Services.

GISers in PRINT

Brady, Robert T. (1968) A review of the first dozen years of petroleum exploration in northernmost Cyrenaica (1955-1967). In: Barr, F.T., ed. Geology and archaeology of northern Cyrenaica. Amsterdam: Breumelhof. 215p. (Petroleum Exploration Society of Libya. Annual field conference, 10th).

Burk, C.F., jr. (1968) Data in the earth sciences. Royal Society of Canada. Special publications, no.11, p.75-81.---A contribution to "The earth sciences in Canada: a centennial appraisal and forecast". Data (the "facts" that form the objective basis for scientific study) in the earth sciences have tended to be highly subjective in form and content and oriented toward individual studies. "With the adoption of common minimum standards and the consequent building of large computer files of earth-science data, a new avenue to advancement in the earth sciences, which could conceivably have an almost revolutionary impact, will be introduced".

Smith, Peter J. (Sept 1968) Geophysics policy: a select, annotated bibliography. Atlas; news supplement to Earth-science reviews, v.4, no.3, p.A173-A186.---Bibliography of 136 entries covering a broad range of geophysics policy (status reports & policy statements on national programs; problems, goals & organization; allocation of resources; education) published between 1 January 1967 and 31 March 1968.

ASSOCIATION of EARTH SCIENCE EDITORS

The Association of Earth Science Editors (AESE) held its 2nd annual conference, 14-15 October 1968, at the Oklahoma Center for Continuing Education on the Univ of Oklahoma campus in Norman. Chairman of the conference was William A. Oliver, jr. (U.S. Geological Survey), who is an editor of the Journal of paleontology. Fifty editors and publishers from the U.S. and Canada attended, representing journals, state and federal surveys, institutions, and companies. The Oklahoma Geological Survey was host for the meeting.

The conference consisted of panel discussions, discussion groups, and a business meeting at which AESE formally adopted a constitution and bylaws.

The first panel discussion dealt with problems concerning, and ways to combat, copyright infringement by uncontrolled photocopying of published material. Moderator of the panel was GISer Howard A. Meyerhoff of the Committee to Investigate Copyright Problems. Panelists were William M. Passano (President, Williams & Wilkins Co.), A.F. Spilhaus jr. (American Geophysical Union), and Carl H. Savit (Society of Exploration Geophysicists).

The second panel discussion reviewed procedure and problems in editing, and was moderated by Gerald M. Friedman, editor of the Journal of sedimentary petrology. Panelists were E.B. Eckel (Geological Society of America), William D. Rose (Kentucky Geological Survey), and Melba W. Murray (Esso Production Research Co.). Of particular interest was an unconventional approach to article organization, introduced by Mrs. Murray, to promote a more logical and concise presentation and at the same time a clearer method of communication (see AAPG Bull., Nov 1968, v.52, no.11, pt.1, p.2092-2097).

Three concurrent discussion groups were held on: (1) current editorial policies and practices, led by GISer C.F. Burk, jr., editor of the Bulletin of Canadian petroleum geology; (2) publication economics, led by R.V. Dietrich, editor of Economic geology; and (3) a uniform style manual for earth-science editors, led by Mary Hill of the California Division of Mines and Geology.

Newly elected officers, whose terms began at the close of the conference, are: Arthur A. Meyerhoff (American Association of Petroleum Geologists), chairman; Thomas F. Rafter, jr. (American Geological Institute), vice-chairman; and William D. Rose (Kentucky Geological Survey), secretary-treasurer. All three officers are also members of GIS.

Directors of AESE include: George E. Becraft (U.S. Geological Survey); Stuart E. Jenness (National Research Council of Canada); Doris E. Zeller (Kansas State Geological Survey); and William A. Oliver, jr.

AGI MOVES to NEW ADDRESS

As of 1 February 1969, AGI will be located at: 2201 M St NW, Washington, D.C. 20037. Phone: (202) 296-7950.

DIRECTORY of GEOSCIENCE DEPARTMENTS

The American Geological Institute has published a new up-to-date edition of a standard reference work: Directory of geoscience departments in the United States and Canada.

The 1968 edition is larger (293 pages) and more complete than any earlier edition. It now lists 380 departments in colleges and universities that offer degrees in geology, geophysics, or oceanography, and 364 schools that offer courses (but not degrees) in those subjects.

For each school it gives the department name, address, phone number, the name of the department chairman and faculty members and where each obtained his highest degree, and (for degree-granting schools) the courses offered and the degree requirements.

The alphabetical index of faculty members includes code numbers to indicate the specialties for each man. A specialty index (new in this edition) enables the user to look up all faculty members who specialize in certain fields. Other sections list sources of financial aid, data on degree programs, and summer field courses.

The directory is available for \$9 (\$8.50 prepaid) from: Publication Sales, AGI, 2201 M St NW, Washington, D.C. 20037.

CEGS

The Council on Education in the Geological Sciences has prepared two directories: (1) a xeroxed listing of geologic clubs and societies (local and national) in the U.S., arranged by states; and (2) Fund sources for undergraduate study, a list of more than 1200 sources that have given at least \$10,000 during the last year for which data are available. Both lists are available on request from CEGS, American Geological Institute, 2201 M St NW, Washington, D.C. 20037.

G.O.S.S.I.P.

The Sedimentology Research Laboratory of Reading Univ, England, issues periodically an "annotated list of some geologists who use a computer", entitled: Geologically

oriented scheme for sharing information on programming, or G.O.S.S.I.P. The January 1968 issue was compiled for the Computer in Geology Committee by Dr. T.V. Loudon and Mrs. E.P. Adams.

The list is arranged by institution, and provides names of investigators, the make and model of the computer used, the author of the computer programs and the computer language used, the purpose of the programs, and the geological problems for which the programs are to be used. There is a subject index, and a directory of names and addresses. The information includes computer programs that are under development but not yet fully operational.

Institutions or individuals willing to contribute information for the annotated list are requested to write Dr. Loudon at the Sedimentology Research Laboratory, Whiteknights Park, Reading, Berkshire, England.

EXPANSION of GSA BIBLIOGRAPHY

For 30 years, the Geological Society of America has published an annual annotated volume of its Bibliography and index of geology exclusive of North America. In 1967 it began issuing the Bibliography on a monthly basis, with an annual index volume. Now, beginning in January 1969, GSA will substitute key words for abstracts and will include North American material, thus providing geologists with monthly bibliographic coverage of the world literature. The new title is Bibliography and index of geology.

The U.S. Geological Survey will be the source of the bibliographic material on North American geology, almost half the input. A group supported by the Office for Scientific and Technical Information (London) will cover the United Kingdom material; the New Zealand Geological Survey and the Bulgarian Academy of Sciences have offered assistance to cover their areas. Additional cooperative input is being sought.

The USGS will continue to publish its three reference serials: Bibliography of North American geology; Geophysical abstracts; and Abstracts of North American geology.

These four computer-based English-language publications are contributing to data banks for later search-and-retrieval services. A "cleaned-up" tape (without typographic function codes such as to indicate special symbols) is already available from the 1964 edition of the USGS Bibliography of North American geology and similar tapes from the GSA Bibliography will be prepared in 1969.

In addition, the American Geological Institute is programming an experimental combined tape of the 1968 GSA and USGS citations and index, to be available on a random-access search program in 1969. One of the first products will be a listing of index terms and their frequency count--one step in development of search capabilities.

NEW MEMBERS of GIS

- Finch, Mary Irene: Library Intern, Indiana Univ Library, Indiana Univ, Bloomington, Ind. 47401
- Gibbs, (Mrs) Joanne S.: Assistant Reference Librarian, Engineering & Math Sciences Library, Univ of California at Los Angeles, 405 Hilgard Ave, Los Angeles, Calif. 90024
- Hruška, Dr Jiří: Vice-Director of GEOFOND, Geological Documentation State Center of Czechoslovakia, Malostranské nám.19, Prague 1, Czechoslovakia
- Konig, Jacques M.: Manager, Data Processing, Canadian Pacific Oil and Gas Co., Calgary, Alberta, Canada
- Meeuwig, Jaap W.: Analyst, Technical Applications, Canadian Pacific Oil and Gas Co., Calgary, Alberta, Canada
- New Hampshire, Univ of. Library, Durham, N.H. 03824

ASIS

The 32nd annual meeting of the American Society for Information Science will be held at the San Francisco Hilton, San Francisco, Cal., 1-5 October 1969. Convention chairman: Mr. Charles P. Bourne, Director, Programming Services, Inc., 999 Commercial St, Palo Alto, Calif. 94303.

GIS Newsletter Editor: Robert McAfee, jr., American Geological Institute, 2201 M St NW, Washington, D.C. 20037.