

I.A.M.G. NEWS LETTER

For years we have been promising you a Newsletter to be distributed to the general membership, and at last, here it is! It may perhaps be a bit short on news, but if you send us items of interest to the membership, we will include them in the next issue. We especially need announcements of future meetings, conferences, or institutes; reports on meetings held; I.A.M.G. committee reports; news from Local Sections; and comments for the good of the Association. The Newsletter is the place to initiate exchanges about technical problems. If you need help, write us a letter describing your problem and we will print it with an invitation to our readers to suggest solutions. We will also be glad to help start information exchange groups on particular topics. Please, though, no hate mail about journal distribution; we have enough of that already!

Corporate & Academic Members: The International Association for Mathematical Geology may be a small professional organization, but it has BIG ambitions. We want to serve the Earth sciences by developing and promoting the quantitative approach through research, publication, and education in geomathematics. With the patience of our membership, we have built a self-sustaining journal of high editorial standards, providing a much-needed publication outlet for papers in quantitative methodology. With the cooperation of other scientific societies, we have been able to arrange international symposia and meetings where problems of common interest in the geosciences could be discussed. We hope in the future to participate directly in the educational process, providing a service to those wishing to introduce geomathematics into the curriculum.

Unfortunately, it will be very difficult for us to expand our activities significantly if we must rely on our individual members alone. Generous though the support of our members has been, it is obvious that these resources are limited, at least in the financial sense! However, our Association is very fortunate in receiving support in the form of Corporate and Academic

Memberships from some of the most prestigious industrial and research organizations in the Earth sciences.

Each of the following groups has supported the I.A.M.G. in 1973 by joining as a Corporate or Academic Member at the rate of \$100.00 U.S. These contributions will help expand our General Fund and will enable us to extend our activities. The International Association for Mathematical Geology wishes to express its appreciation for this support and the vote of confidence about the Association's future!

AGIP-AMI, Direzione Mineraria, Milano, Italy
Cities Service Oil Company, Tulsa, Oklahoma 74150
EXXON Company, Houston, Texas 77001
Gas Council (Exploration) Ltd., London, England
Kansas Geological Survey, Lawrence, Kansas 66044
Kennecott Copper Corporation, New York, New York 10017
Syracuse University, Syracuse, New York 13210

We hope that this generous support will continue in the future, and that our roster of Corporate and Academic Members will grow. You can help by urging your company or organization to become a Corporate or Academic Member of the International Association for Mathematical Geology. Write the Western Treasurer for details.

One individual deserves a special vote of thanks in connection with our Corporate and Academic Membership program. Dr. Mike Horn of Cities Service generously devoted his time to chairing our campaign in 1973 and is largely responsible for its success!

Current Officers and Council Members

Past President: A. B. Vistelius (USSR)
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Vice President: A. T. Bharucha-Reid (USA)
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Membership Recruiting: The Western Section of the I. A. M. G. now has approximately 260 individual members. Our goal for 1974 is 500. We will be mailing renewal notices to current members later this month. If you have an associate who is not yet a member, encourage him to join. Don't confine your recruiting activities to members of the geological or statistical professions. A small but growing number of our members are quantitative geographers, petroleum engineers, biologists, oceanographers and others interested in the techniques of mathematical geology. Space exploration, the energy crisis, and other major challenges of the present day all require interdisciplinary as well as international cooperation if they are to be met. As a consequence, more and more of our members are working on interdisciplinary research. The Association can provide a greater service if our membership is extended to include these new associates from other fields.

Dues to the I. A. M. G. are only \$15.00 U.S. per year, and entitle a member to the Journal of Mathematical Geology, the Newsletter, and the right to participate in all Association functions. Inquiries about membership should be directed to the Office of the Western Treasurer.

Publications of Interest: COMPUTER APPLICATIONS is a new journal which will be devoted to the dissemination of fully documented computer programs and related discussion. It is aimed at computer users in geology, geography, and other disciplines with an important interest in the analysis of spatially distributed data.

The Editorial Panel consists of:

Dr. P. M. Mather (Geography Dept.,
Nottingham University)
Dr. M. J. McCullagh (Geography Dept.,
Nottingham University)
Dr. J. C. Davis (Kansas Geological Survey)
Dr. A. P. M. Coxon (Sociology Dept.,
University of Edinburgh)
Dr. P. K. Harvey (Geology Dept.,
Nottingham University)

The journal is a successor to the occasional series "Computer Applications in the Natural and Social Sciences," founded in 1969 and subsequently adopted as an official publication of

the Department of Geography, University of Nottingham. In its new format it is anticipated that the journal will contain reviews of expanding fields (such as automated cartography) and discussions of programming techniques and numerical methods as well as the more usual ALGOL or FORTRAN programs and subroutines. Editorial policy is to concentrate on programs and reviews that are of direct benefit to the interdisciplinary group of researchers who analyze spatially distributed data.

For information, write to the Subscriptions Secretary, Computer Applications, Department of Geography, University of Nottingham, Nottingham, England NG7 2RD. Annual subscription rates are: U.K. only £2.00, and Foreign \$6.00 (surface mail) and \$10.00 (airmail).

METHODS IN GEOMATHEMATICS is a new series being published by Elsevier Publishing Company under the editorship of R. A. Reymont. This is a "how-to-do-it" series. Titles under preparation are concerned with geological factor analysis, computer programming, paleobiometry and geostatistics. I. A. M. G. members will be eligible for a 15% rebate on each volume, which are estimated to cost \$10.00 each.

Publishing Woes: As you know, this is the first year that the I. A. M. G. has assumed the responsibility of collecting a combined dues/subscription fee. We have straightened out the vast majority of our members' difficulties with Plenum Publishing Corporation during the past few months and things are beginning to run smoothly (we hope!). If you are still missing back issues of the Journal or have other subscription problems, please contact us immediately, giving full details. Be assured that we will do our best to resolve the situation.

Numbers 1 and 2 of Volume 5 have been mailed to all members who have paid their 1973 dues; number 3 of Volume 5 will appear shortly. Our grapevine informs us that all North American, South American, and Western European members should have received their copies of Volume 5, number 1 by now, but mail seems to be slow to Australia. If you have paid your 1973 dues but have not yet received this issue, please contact the Western Treasurer.

Journal Subscriptions: Please do not pay invoices issued by Plenum Publishing Corporation for current or future individual subscriptions to the Journal of Mathematical Geology. The Association is the only agent for members' subscriptions. Any subscriptions ordered through Plenum will be charged the institutional rate of \$35.00 US. Your annual membership dues of \$15.00 US includes a member's rate subscription to the Journal of Mathematical Geology, and should be

paid directly to the Western Treasurer. If Plenum issues you an invoice for a personal subscription, please forward the invoice to this office and we will see that it is canceled.

Missing Members: Please help us locate our missing members!

#00068 Mrs. U. Schassberger
PanCanadian Petroleum Ltd.
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Canada

#00162 Mr. Arlei Benedito Macedo
Geotecnica S. A.
01310 - Av. Paulista
688-17 andar
Sao Paulo, Brasil

If you know the current addresses of these members, please let us know.

Meetings of Interest

*Pribram Mining Congress, October 14-20, 1973.
For information contact: Secretary, The Mining Pribram Symposium, Pribram 2, POB 41, Czechoslovakia

Machine Processing of Remotely Sensed Data, October 16-18, 1973. For information contact: Mr. Carl Jenks, Conference Coordinator, Stewart Center, Purdue University, West Lafayette, Indiana 47907.

Computer Science and Statistics: 7th Annual Symposium on the Interface, October 18-19, 1973. For information contact: William J. Kennedy, Statistics Laboratory, Iowa State University, Ames, Iowa 50010.

American Society for Information Science, Los Angeles, October 21-25, 1973. For information contact: Robert McAfee Jr., ASIS Headquarters, 1140 Connecticut Avenue NW, Suite 804, Washington, D.C. 20036.

Brasilian Geologic Congress, 27th Session, October 28-November 4, 1973. For information contact: Nelson C. Da Silveira Filho, General Secretary, Aracaju-Sergipe, Nucleo da Bahia, Rua Alberto Torres 7, 40.000 Salvador, Bahia, Brasil.

Management & Use of Remote Sensing Data, October 29-November 2, 1973. For information contact: Robert B. McEwen, 3512 Wilson Street, Fairfax, Virginia 22030.

*Geologic Data Analysis with Computers, 2nd Chautauqua, November 3, 1973. For information contact: Dr. D.F. Merriam, Dept. of Geology, Syracuse University, Syracuse, New York 13210.

Geoscience Information Society, Geological Society of America, November 12-14, 1973. For information contact: GSA Headquarters, 3300 Penrose Place, Boulder, Colorado 80301.

*8th International Congress of Carboniferous Stratigraphy and Geology, Moscow, August 30-September 3, 1975. For information contact: S.V. Meyen, Geological Institute, Soviet Academy of Sciences, Pyzhevsky per., 7, 109017 Moscow 17, USSR.

4th International Congress for Stereology, September 4-9, 1975. For information contact: Organizing Committee, Attn. Dr. G.A. Moore 312.03, National Bureau of Standards, Washington, D.C. 20234.

*9th International Sedimentology Congress, Nice, France, 1975.

*International Geological Congress, August 16-25, 1976. For information contact: Secretary-General, 25th International Geological Congress, Box 1892, Canberra, ACT 2601, Australia.

*The I.A.M.G. will sponsor sessions at these meetings.

The I.A.M.G. will sponsor several meetings in conjunction with the IGC in Australia. As in Montreal they will be afternoon sessions. In addition to whatever theme we select, there will be one general open session for I.A.M.G. members. Dr. N.H. Fisher is chairman of the Organizing Committee of the IGC and has included an announcement in the first circular under Section 16, Geological Information and Mathematical Geology, that I.A.M.G. will be organizing a symposium on a timely subject. It is now necessary to select that subject. The following have been suggested:

- Random events and Markov-type events and processes
- Method of search for resource targets
- Aerial variability and mapping
- Stochastic processes and models (2 sessions - 1 on processes and 1 on random values)
- Quantitative methods for analyzing geologic data
- Geological data processing

Please contact Secretary General D.F. Merriam or President R.A. Reymont as soon as possible about the theme you would like developed or with any other suggestions you may have for the general meeting.

Membership Committee

W. B. Hemphkins, Chairman (USA)

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Finance Committee: M. K. Horn, Chairman (USA)

Education Committee: G. S. Koch Jr., Chairman (USA)

Representatives: The following have been appointed by President R. A. Reymont as our representatives to:

IPA: R. A. Reymont

COGEO DATA: D. F. Merriam

UNESCO: Boris Choubert

EDITERRA: G. Lea

Partial List of 1973 I.A.M.G. Members

(To be continued in next issue)

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M. M. Oosterveld, Anglo American Corp. of S. A. Ltd., S. Africa
D. A. Pretorius, Univ. Witwatersrand, S. Africa
F. A. E. Reeve, Shell-BP Nigeria Ltd., Nigeria
V. H. Wiik, RCM Geologic Research Dept., Zambia

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H. Sherazi, Pacific Petroleum Ltd.
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R. Vicencio, Royal Ontario Museum

Denmark:

O. B. Christensen, Geological Survey of Denmark
E. Kristiansen, Geologisk Centralinstitut
S. Saxov, Aarhus Universitet

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H. J. Golin, Geologisches Landesamt NRW
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India:

A. K. Saha, Presidency College
B. K. Sahu, R. E. College

Israel:

D. Gill, Geological Survey of Israel
V. Rohrllich, Technion University

Italy:

M. B. Brovedani, AGIP-AMI
A. Notarpietro, Centro Alpi C. N. R.
R. Potenza, National Council of Research

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Netherlands:

G. Dietzel, Kon/Shell Exploratie en Productie Lab.
J. F. Savage, Geologischer Mineralogischer Inst.
W. G. Ten Kate, Univ. Amsterdam

Norway: K. Thoresen, Norwegian Computing Centre

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I.A.M.G.

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