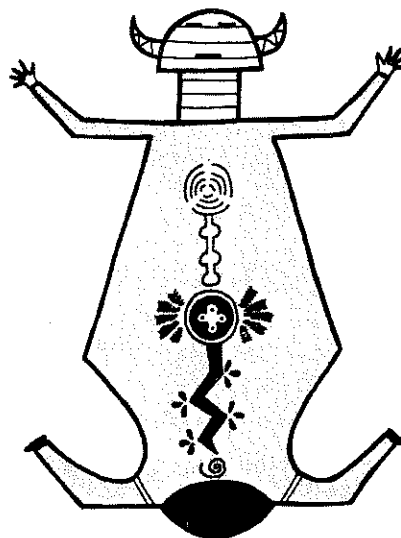


I.A.M.G. NEWS LETTER



An open letter to American members of IAMG:
Mathematical geology seems to have suffered some decrease in public exposure since the Kansas Computer Colloquia have been discontinued. Certainly an apparent diminishment in activity has not been accompanied by an actual decrease in activity, productivity, interest, or workers as indicated by the I.A.M.G. bulletin and papers presented at national professional meetings.

The thought occurred to me last month at the annual meeting of the Geological Society of America that we could benefit greatly both directly and indirectly by organizing an informal IAMG assembly at future meetings along the lines of other "Friends of the _____" interest groups. Such a group would be an United States "Regional Organization" of the I.A.M.G. similar to those in the United Kingdom, Brasil, and Australia. Benefit would be derived in several ways. Directly these informal sessions could serve 1. as an information exchange medium among workers as to what work is in progress and by whom; 2. an opportunity to discuss common problems informally; 3. an opportunity to obtain feedback on your work from others; 4. an opportunity for discussion of new ideas and concepts; and 5. an opportunity to generate special colloquia, volumes, or seminars when they are timely. Indirectly these assemblies would serve 6. to give mathematical geologists more national exposure; 7. to attract new workers to mathematical geology; and 8. to prevent dispersion of mathematical papers into inappropriate technical sessions before an unappreciative audience (as happened at Miami).

Thus, this open letter is seeking an ad hoc opinion poll as to whether or not an annual informal get-to-gather at G.S.A. meetings in the future would be desirable among workers in mathematical geology. A specific comment why you do or do not think that we should establish a Regional Organization would be appreciated. For those who think it is appropriate, some indication as to what type of informal meeting is most suitable would be helpful if the general response is favorable; (for example, a two-hour meeting on Monday afternoon, a three-hour meeting Sunday afternoon before the welcoming party, a breakfast meeting on Tuesday, a luncheon meeting on Wednesday, etc.)



In any event, I think that we definitely should attempt to establish a half-day technical session for mathematical papers at Salt Lake City next year to avoid unfortunate occurrences such as occurred at Miami. We are now generally accepted by the profession as a new sub-discipline and should capitalize on this to gain greater recognition and support in the future. Plan to present your latest work next year at GSA so that we can have an impressive mathematical geology session. If any of you think we should limit topics to some specific aspect or theme, speak up now so that we have sufficient lead time before the abstract deadline to obtain superior papers.

C. John Mann
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at Urbana-Champaign
245 Natural History Bldg.
Urbana, Illinois 61801



Treasurer's Summary for 1974

During 1974, the Western Treasurer has received income of approximately \$7000 U.S., paid expenses (primarily subscriptions to the Journal) of \$4,700, and has encumbrances of approximately \$2,400. Total unencumbered assets of IAMG as of January 3, 1975, include

Swiss Francs	\$2,320.64
Pounds Sterling	79.24
U.S. Dollars	3,461.40
Total assets	\$5,861.28

Members may obtain a copy of the complete financial statement submitted to the Council by writing to the Western Treasurer.

Mathematical Geology

The Journal of the IAMG has received 52 manuscripts which have been submitted for the current volume. Of these, 13 have been rejected, 17 accepted, 18 are pending review, and 4 have been placed in Computers & Geoscience. Hopefully, the new bimonthly publication schedule will reduce the present delay between receipt of manuscripts and their publication.



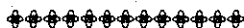
IAMG meeting cancelled

The IAMG session on "Quantitative Interpretation of Cyclic Sediments" to be held at the 8th Carboniferous Congress in Moscow has been cancelled. The cancellation results from difficulties of coordination and lack of response to the call for papers.



ISRAELI Conference

The Geological Society of Israel held a half-day Symposium on Computer Applications in Geology on Dec. 4, 1974, in Jerusalem. The meeting was attended by about 50 geologists, geographers, and computer scientists from government, universities, and industry. Topics discussed included automatic cartography, the Israel well data system, methods for simulating aquifers, and computer analysis of geologic and geophysical data in Israel.



IAMG Committees

The IAMG has established several standing committees to coordinate activities of the Association between the General Assemblies. The committees and their chairmen are listed below. The membership is urged to contact the chairmen and volunteer their assistance in the work of these groups.

Projects Committee - responsible for planning the 1976 General Assembly and any other meetings or technical projects of the Association.

Dr. A.C. Cook
Lot 19 Dallas Street
Mount Ousley
Wollongong N.S.W.
Australia

Finance Committee - responsible for recruiting Corporate members and soliciting funds from other sources.

Dr. M. D. Horn
Cities Service Oil Company
P.O. Box 50408
Tulsa, Oklahoma
USA 74150

IGCP Committee - in charge of activities in Section 5 of the International Geological Correlation Programme.

Prof. D. F. Merriam
Department of Geology
Syracuse University
Syracuse, New York 13210

Membership Committee - responsible for recruiting new members and keeping present members securely in the fold.

Dr. W. B. Hemphins
Standard Oil Company of California
Computer Services Department
114 Sansome Street
San Francisco, California
USA 94104

Education Committee - charged with planning short courses, publications, and other materials to assist the introduction of geomathematics in university courses.

Prof. G. S. Koch, Jr.
Department of Geology
University of Georgia
Athens, Georgia
USA 30601

UNESCO Committee - to represent the IAMG in UNESCO-sponsored scientific and education activities.

Mr. G. deMarsily
Ecole des Mines de Paris, G.I.G.
35, Rue St. Honore
77305 Fontainebleau, France

In addition, the IAMG has standing committees on the U.N. and on COGEO DATA, whose chairmen seem to have slipped from our membership rolls.



Forthcoming Meetings

A.A.P.G. Computer Applications Workshop, March 3-5, 1975, Syracuse University. Three-day "hands-on" workshop (via remote terminal) on computer applications in the earth sciences conducted by Dr. John Davis and his staff from the Kansas Geological Survey. Twenty participants maximum. No computer processing experience required. This workshop immediately precedes the Northeast Regional Meeting of the Geological Society of America Meeting (March 6-8). Topics will include Introduction to computers; elementary statistics; concepts of matrix algebra; analysis of data sequences; map analysis; and multivariate analysis. Contact for registration or more information:

Prof. D. F. Merriam
Department of Geology
Syracuse University
Syracuse, NY

Short Course on Applied Rock Mechanics in Mining and Construction, March 24-28, 1975, Mackay School of Mines, Reno. Contact Dr. Y. S. Kim, Chairman, Mining Engineering Dept., Reno, NV. 89507.



Our cover logo shows Mother Earth, as depicted in Navajo Indian sand paintings. The Three Kingdoms are represented, the Mineral by the spiral (perhaps an ammonite?), giving rise to the Plant in black, which sustains the Animal. Mother Earth and Father Sky were the first creations of the Great Spirit.

AAPG Research Conference on Probability Methods in Oil Exploration, August 20-22, 1975, Stanford University. Sponsored by the Kansas Geological Survey, Stanford University, and the AAPG, the conference will consider forecasting the volumes of undiscovered oil and gas, statistical relationships between geologic variables and reservoirs, computer mapping, well data systems, and integrated oil exploration decision systems. Fee is \$140, which includes room and meals. Contact Prof. John W. Harbaugh, Dept. of Applied Earth Sciences, Stanford University, Stanford, CA. 94305.

2nd Symposium on Modeling Techniques for Waterways, Harbors, and Coastal Engineering, September 3-5, 1975, Hyatt on Union Square, San Francisco. Physical and mathematical models of erosion, hydraulics, navigation, and sedimentation, among other topics, will be considered.

International Symposium on Geothermometry and Geobarometry, October 5-10, 1975, Pennsylvania State University. Symposium will consider all aspects of geothermometry and geobarometry of igneous and metamorphic rocks throughout the interior of the crust, mantle and core. Fee is \$40. Contact A.L. Boettcher, College of Earth and Mineral Science, Penn State Univ., State College, PA.

13th International Symposium on the Application of Computers and Mathematics for Decision Making in the Mineral Industries, October 6-11, 1975, Technical University of Clausthal, Federal Republic of Germany. Topics include mineral exploration, evaluation, systems design, planning and control, investment, and forecasting. For information write Vorbereitungs-komitee APCOM 75, Prof. Dr. F.L. Wilke, Technische Universität Clausthal, D-3392 Clausthal-Zellerfeld, Erzstrasse 20, Bundesrepublik Deutschland.

7th Mining Příbram in Science and Technique will include a session on Mathematical Methods in Geology, October, 1975, at Příbram, Czechoslovakia. Included will be geomathematical applications for exploration and evaluation, data processing, and education. Write the Secretary, Příbram Symposium, P.O.B. 41, 261 02 Příbram 2, Czechoslovakia.

2nd IFAC Symposium on Automation in Mining, Mineral and Metal Processing, September 13-17, 1976, Johannesburg. Symposium will cover prospecting, mine design, mineral processing, steelmaking, system design and control, instrumentation, and control theory. Contact Secretariat, IFAC Symposium, Council for Scientific and Industrial Research, P.O. Box 395, Pretoria, Republic of South Africa.



Publication of the I. A. M. G. Newsletter is made possible by support of the Kansas Geological Survey.

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