



International Association of Geochemistry and Cosmochemistry



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Edited by G.M. Anderson

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Contents

Page

Nominating Committee	1
Ostrava Council Meeting	2
Geochemical Prospecting Symposium	2
Statute Changes	3
Novosibirsk Meeting	4
Geodynamics Problems Conference	4
IAGC Corporate Members	5
Laterites Working Group	7
Water-Rock Interaction Symposium	9
IGC News	10
Publications of Interest	11

NOMINATING COMMITTEE APPOINTED

Council has appointed the following people to form a Nominating Committee. Their task is to recommend a single slate of candidates for I.A.G.C. offices for the period 1980-84. The positions to be filled are those of president, first and second vice president, secretary, treasurer, and eight ordinary council members.

Suggestions are solicited from the membership and should be sent to any of the members of the committee. The Committee must complete its work in sufficient time to present its recommendations to the council at its next meeting in Czechoslovakia in September 1979.

IAGC Nominating Committee

Chairman

Dr. G.R. Tilton
Department of Geological Sciences
University of California
Santa Barbara, California 93106

Members

Dr. Claude J. Allegre
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Praha - 1, Czechoslovakia

Professor M. G. Valyashko
Department of Geochemistry
Moscow State University
Moscow, U.S.S.R.

COUNCIL MEETING TO BE HELD
IN OSTRAVA, CZECHOSLOVAKIA

The next meeting of IAGC Council will take place next September 14 and 15 in Ostrava, Czechoslovakia, in conjunction with the International Symposium on Geochemical Prospecting Methods which is being organized by the IAGC Working Group on Geochemical Prospecting (See following announcement).

Members' suggestions for agenda items should be forwarded to any Council member.

INTERNATIONAL SYMPOSIUM ON GEOCHEMICAL
PROSPECTING METHODS

This meeting is sponsored by the Czech Geological Office, UNESCO and IAGC through its Working Group on Geological Prospecting, and will be held at Ostrava, Czechoslovakia, September 14-17, 1979.

There will be four sections held during the symposium:

- (1) Geochemistry of the weathering zone and prospecting for secondary chemical aureoles
- (2) Geochemical prospecting for hidden ore deposits
- (3) Geochemical prospecting for raw materials in contaminated areas
- (4) Geochemical aspects of magmatism and metamorphism in Precambrian regions

Three geological excursions are planned:

Excursion A	Sept. 10 - 13	Bohemian Massif
Excursion B	Sept. 18 - 20	Carpathian System
Excursion C	Sept. 18 - 20	Precambrian areas

Further information may be obtained from

Dr. Z. Pacal
Geochim CSSR UNESCO 1979
Geological Survey ÚÚG
118 21 Prague 1
Malostranske nam. 19
CSSR

PROPOSED STATUTE CHANGES

At its meeting in Liège last summer, Council adopted some changes to IAGC statutes. These were subsequently approved unanimously by the absent council members.

There are two changes in II.B-1. The number of Vice Presidents is reduced from two to one, which will allow the establishment of a tradition, if desired, of the Vice President becoming the next President. Ordinary members of council are now not eligible for re-election. The suggested change will allow half the council to be eligible for reelection once, so as to provide some continuity in the council.

The changes in Section III are intended to clarify the nomination process. III.A-1 stipulates the appointment of a nominating committee, which has been the practice of past councils but is not presently required by the statutes. It also requires that the nominations be made known to ordinary as well as corporate members. III.A-2 allows for additional nominations by corporate members.

(added or changed sections are underlined)

II.B.1.

The council shall consist of a President, a Vice President, Secretary, Treasurer and eight ordinary members, all of whom shall be elected by the General Assembly. No two of the ordinary members shall be from the same country. The President and Vice President shall not be eligible for reelection in the same position, but the retiring president shall serve for one term as an additional ordinary member. Ordinary members shall be eligible for reelection for an additional four year term, with the exception of four of the members elected in 1980, who shall not be eligible for reelection.

III.A.1.

The council shall appoint a nominating committee of five members, not more than two of whom may be council members. The membership of this committee shall be made known to all corporate and individual members. The committee shall submit for approval of council a list of nominations for officers and ordinary members of the council for the ensuing period. The approved list shall be made known to all corporate and individual members at least 90 days prior to a regular meeting of the General Assembly, together with notice of the said meeting.

III.A.2.

Additional nominations for one or more officers or ordinary members of the Council may be made in writing to the Secretary by two or more corporate members or by 15 or more individual members of the Association not less than 60 days prior to the meeting of the General Assembly.

MEETING OF COUNCIL MEMBERS AT NOVOSIBIRK

Several council members and members of IAGC working groups who were at Novosibirsk for the IMA meeting in September 1978 to met to discuss IAGC matters. Attending the meeting were Vice Presidents Goni and Pacal and council members Coombs and Ryabchikov. Also present were L.V. Tauson, chairman of the Working Group on Geochemical Prospecting, F. Mrna, Secretary of the Working Group on Laterites, V.L. Barsukov, General Director of the Vernadsky Institute of Geochemistry, B.M. Shmakin, member of the Working Group on Geochemical Prospecting, and L.N. Kogarko, leader of the Laboratory for Physical Chemistry of Magmatic Rocks at the Vernadsky Institute. Topics discussed included the Geochemical Prospecting Symposium in Ostrava, publication of IAGC monographs in geochemistry, status of working groups, and nominations.

GEODYNAMICS PROBLEMS - OUTLOOK TO THE 80's

The International Geodynamics Project comes to an end this year. Plans for a new multidisciplinary international research project to follow and build on the results of this project are well underway and were the subject of much discussion at a recent symposium called "Geodynamics Problems - Outlook to the 80's" held in Zurich last February. It was organized by Prof. R. Trumphy (President) and W.W. Hutchison (Secretary-General) of the International Union of Geological Sciences, and immediately preceded the annual IUGS council meeting. A draft report of the IUGS/IUGG joint committee (the Kisslinger-Illies report - "The Lithosphere: Frontier for the 1980's") on the goals of the new international project, plus a number of invited lectures surveying many aspects of earth sciences, provided a focus for the discussions. IAGC members attending the meeting included Secretary G. M. Anderson, who gave one of the lectures, Prof. M. Grünenfelder (ETH, Zurich) and Prof. H. Wänke (Max Plank Institut, Mainz).

The revised Kisslinger-Illies report has now been accepted by the IUGS executive as a basis for an international program in solid earth sciences for the 1980's. It will be considered by IUGG at their meeting in Sydney Australia in December 1979, and it is hoped that the program will be ready for initiation at the International Geological Congress in Paris in 1980.

IAGC members should be aware that until at least the Fall of this year, the new international project is quite open to new ideas and suggestions as to how to proceed. Copies of the Kisslinger-Illies report are available from the office of the IUGS Secretary General (Dr. W.W. Hutchison, Geological Survey of Canada, 601 Booth St., Ottawa, Canada K1A 0E8). It is hoped that geochemistry will play a larger role in the new project than in the past one.

A report on the Zurich Symposium by Ray Price, Chairman of the Canadian Geodynamics Committee, appears in the April 1979 issue of Episodes (Vol. 1979, No. 1, p. 27-30), the geological newsletter of IUGS.

IAGC CORPORATE MEMBERS

The list of corporate members appearing in Newsletter No. 8 inadvertently omitted the German Democratic Republic. We apologize for this, and present the complete list below.

<u>Name</u>	<u>Category</u>	<u>Correspondence to</u>
The Geochemical Society	A	Dr. David Hewitt Department of Geosciences Virginia Polytechnic Institute Blacksburg, VA 24061, U.S.A.
The Royal Society	D	The Executive Secretary The Royal Society 6 Carlton House Terrace London SW1, ENGLAND
South African Council for Scientific and Industrial Research	A	c/o Mrs. E.P. du Plessis International Relations Division C.S.I.R., P.O. Box 395 Pretoria, 0001 SOUTH AFRICA
Consiglio Nazionale Della Ricerche	A	Consiglio Nazionale Della Ricerche Piazzale Delle Scienze 7 00100, Roma - ITALY
National Committee for Geochemistry and Cosmo- chemistry, Australian Academy of Science	B	The Executive Secretary Australian Academy of Science P.O. Box 783 CANBERRA CITY, A.C.T. 2601
The Norwegian Academy of Science and Letters in Oslo	A	Professor K.S. Heier Norges Geologiske Undersøkelse P.b. 3006, 7001 Trondheim, NORWAY

Corporate Members (Cont.)

<u>Name</u>	<u>Category</u>	<u>Correspondence to</u>
Royal Netherland Academy of Sciences	B	Dr. N.M. De Rooij Secretary, Geochemische Kring Delft Hydraulics Laboratory P.O. Box 177 Delft, THE NETHERLANDS
Schweiz Mineralogische und Petrographische Gessellschaft Zurich	A	Prof. T. Hügi Mineralog.-Petrog. Institut Sahlistrasse 6, CH 3012 Bern, SWITZERLAND
Deutsche Mineralogische Gessellschaft	C	The Treasurer Dr. W. Noll D-5090 Leverkusen 3 Am Wasserturm 15A, GERMANY
Japanese Joint Commission	D	Mr. T. Morinaga Chief Accounts Section Science Council of Japan 22-34 Roppingi 7, Chome Minato-Ku, Tokyo, JAPAN
National Academy of Sciences in Washington	F	Dr. W.L. Petrie Executive Secretary National Research Council Division of Earth Sciences 2101 Constitution Avenue Washington, D.C. 20418 U.S.A.
Committee of Soviet Geologists	F	Dr. Volkov Scientific Secretary of the USSR National Committee of Geologists Academy of Sciences of The USSR 109017 Moscow, -K-17 PYZHEVSKY 7, U.S.S.R.
Geological Survey of Canada	C	Dr. R.W. Boyle Geological Survey of Canada 555 Booth Street Ottawa, Ontario K1A 0E8 CANADA
Czechoslovakian National Committee		Dr. Z. Pacal Geochim CSSR UNESCO 1979 Geological Survey ÚÚG 118 21 Prague 1 Malostranske nam. 19 C.S.S.R.
German Democratic Republic		Prof. Dr. habil. H.-J. Rösler Nationalkomitee für Geologische Wissenschaften der Deutschen Demokratischen Republik Bei der Akademie der Wissenschaften der DDR Rudower Chaussee 5, DDR-1199 BERLIN

It is a sad duty to report that the eminent Soviet geochemist, Professor V.V. Scherbina, died on July 29, 1978. Professor Scherbina served as Vice President of IAGC for four years, and spent a lifetime serving the science of geochemistry.

MEETING OF "LATERITES" WORKING GROUP

The IAGC Working Group on Laterites and Laterization and IGCP project No. 129 held a joint meeting on "Laterites and Laterization Phenomena" at Salvador (Bahia) in Brasil, Nov. 23 to Dec. 4, 1978, and a comprehensive report has been submitted by Vice President Goni.

Participants at the meeting were:

G. ASCANIO	Ministère de l'Energie et des Mines	Vénézuéla
A. NOVIKOFF	O.R.S.T.O.M.	France
Sanchez de la FUENTE	Institut Geologique et Minier	Espagne
P.K. BANERJI	Directeur, Service Géologique de l'Inde	Inde
W. SCHELLMANN	B.G.R. Hanovre	R.F.A.
Zanga Bilo BOUBAKAR	BUVOGMI (Bureau Voltaïque Géologique et minier)	Haute-Volta
Dr. Flavio Juarez TAVORA	D.N.P.M.	Brasilia(DF
Prof. M. FORMOSO	Universidad Federal R.G.S.	Porto-Alegre
Prof. A. MELFI	Universidad Sao Paulo	(S.P.)
Prof. Teodora ROCHA	Département Géochimie - Universidad Federal	Bahia (UFBa)
Dr. M. DANTAS	Radambrasil	
Dr. Arf BJORKLUND	UFBa	
Dr. R. BRIM	Projet Brésil-Canada - Goiania(Goias)	
Prof. Adelaido Mussi SANTOS	Chef du Département Géochimie	UFBa
Prof. Lucedino RIBEIRO	Pédologie	UFBa
Dr. Pedro SAMPAIO	Analyste	UFBa

This meeting continued the discussions begun at the meeting at Ouagadougou (Upper Volta), Dec. 18-22, 1977. Support from UNESCO and the cooperation of Brazilian Universities is gratefully acknowledged.

The principal objectives of the working group are:

- critical evaluation of existing data in the countries concerned
- choice of research areas
- construction of a geological map of tropical alteration facies
- petrographic, geochemical, and mineralogical studies of laterite profiles
- determination of the evolution of major and trace elements in a laterite profile
- laboratory simulation
- training of local technicians

At the Salvador meeting, the following topics were discussed:

- (1) Concept and definition of laterites
- (2) A program of study of laterites in Brazil to complement the study in Upper Volta

This will include the study of the development of the oxide mineralogy and supergene alteration of a sulfide ore body in a tropical climate, and the study of one or two complete laterite profiles, complementing the study in Upper Volta.

The sulfide study will be carried out with the cooperation of the personnel at the Boquirá mine (Bahia) and the Brazilian Universities.

- (3) Contributions of each country to the international project
- (4) Plans for the Congress on laterites in India
- (5) A geological field trip was conducted to the "Chapada Diamantina" region of central Bahia to define target areas for geochemical research.

The next meeting of the working group will be held in India at the International Congress on Laterites at the end of this year.

ANNOUNCEMENT

3rd International Symposium on Water-Rock Interaction

The International Association of Geochemistry and Cosmochemistry and the Alberta Research Council will be sponsoring the 3rd International Symposium on Water-Rock Interaction in Edmonton, Alberta, Canada, July 14 to 24, 1980. Both pre-session and post-session field trips are planned. To receive the first circular, enquiries should be directed to:

Dr. Brian Hitchon
Secretary-General, WRI-3
Alberta Research Council
11315 - 87th Avenue
Edmonton, Alberta
Canada T6G 2C2

REGIONAL GEOCHEMICAL ATLASES OF THE UK

Produced on a scale of 1:250,000, the atlases are designed to provide systematic data on trace element levels in stream sediments as a basis for metalliferous mineral exploration, fundamental studies of crustal evolution and ore forming processes, medical geography, agriculture, pollution and environmental studies. The first atlases to be published will be of Shetland, Orkney, Caithness/South Orkney and Sutherland with the aim of extending the series to cover the United Kingdom.

Prepared by NERC's Institute of Geological Sciences and Experimental Cartography Unit, the Regional Geochemical Atlas series is sponsored by the Department of Industry's Chemicals and Minerals Requirements Board.

The first four Regional Geochemical Atlases contain separate maps for 16 chemical elements using line symbols proportional to concentration at each sampling point. All later atlases in the series contain maps for up to 30 elements. Also included, where available, are data on occurrences of metalliferous mineralisation, relief, land use and vegetation. The geochemical, geological and topographical data are stored in digital form and the maps have been plotted using automated cartographic methods.

The Regional Geochemical Atlas series is part of the Department of Industry's wider Regional Geochemical Reconnaissance Programme under contract to the Natural Environment Research Council. This programme includes the IGS National Geochemical Data Bank which holds data compiled in the production of the geochemical atlases, as well as regional geochemical data from other sources.

The atlases can be obtained from the Bookshop, Institute of Geological Sciences, Exhibition Road, London SW7 2DE, Tel: 01 589 3434. Further information on the regional reconnaissance programme can be obtained from the Assistant Director, Special Surveys Division, Institute of Geological Sciences, Keyworth, Nottingham NG12 5GG. Tel: (060 77) 5261 ext. 241.



IGC ANNOUNCEMENT

Sessions of the International Geological Congress have been held every four years since 1878. The 26th session will celebrate the Centenary of this organization convened under the auspices of the International Union of Geological Sciences.

Organization Committee : Chairman : Jean AUBOUIN
Secretary General : Paul SANGNIER

Timetable : - 26 june to 5 july - Pre-congress scientific excursions
- 7 to 17 july - The Congress will meet at the Palais des Congrès at
Porte Maillot
- 18 to 27 july - Post-Congress scientific excursions.

Scientific Program

1) Opening Scientific Meeting : Leading specialists will survey five main themes concerning the current state of scientific progress.

2) Sections : The proposed program covers almost the entire field of the Earth Sciences and is divided into 20 sections. The Organization Committee has also planned to have the work of the various international scientific organizations affiliated with the International Union of Geological Sciences integrated into the program of the Congress. Authors are free to choose their own subjects for communications and these should be sent to the Secretary General before 1 october 1979 for the publication of abstracts.

3) Colloquia : The program for the colloquia was chosen so as to illustrate the main themes of current scientific and economic interest. There will be seven in all and they will be chaired by leading scientific figures. Communications to the Colloquia are made by invitation only.

Excursions

The Organization Committee in association with the National Committees for Geology of 18 european countries has organized an attractive program of geological excursions. The chosen themes make it possible to offer Congress participants a survey of all aspects of the geology of Western Europe. 85 different excursions each lasting for 9 days are planned from 26 JUNE to 6 JULY 1980 or from 19 JULY to 26 JULY 1980. Since only a limited number of persons can participate in the excursions the places will be reserved by the Organizing Committee in october 1979 in the order in which the reservation forms were received.

Exhibition

An exhibition to be called "GEOEXPO 80" will be held in the same premises as the Congress from 7 to 11 july 1980. It will be open to all international institutions and will make it possible for exchanges of ideas and contacts to take place with scientists from all over the world.

Social Program

Since the Congress is taking place in Paris the organizers will be able to plan a very attractive program for the participants and a special program for persons accompanying them.

State of Advancement of Congress Preparation

80,000 copies of the first circular were sent out in October 1977. By 1 December 1978 the Organization Committee had received 5,800 answers from 114 different countries and 4,000 persons had asked to take part in the excursions. The second circular is now available and contains the final registration form.

Those interested in participating in the Congress and wishing to receive the second circular should request it from the:

Secrétariat Général du 26ème Congrès Géologique International
Maison de la Géologie
77-79, rue Claude Bernard
75005 PARIS - FRANCE

IAGC Symposium

Plans are well advanced for Section 10.2.1 at IGC, which will be a symposium on Crust-Mantle Interaction. Joint organizers are C. Allegre (France) and IAGC President G. Wetherill (US).

PUBLICATIONS OF INTEREST

Colloquium on the mineralogy, geochemistry and geology of lateritic nickel-bearing minerals and ores

On the occasion of the 100th anniversary of the French Society of Mineralogy and Crystallography, the National geological service (BRGM) and the Ecole nationale supérieure de géologie de Nancy organized for the 17th and 18th July 1988 at Orleans (France), a colloquium on the lateritic nickel-bearing materials. The subjects dealt with concerned the mineralogy, geochemistry and geology of lateritic nickel-bearing minerals and ores with the exclusion of the mineralurgy and metallurgy of nickel.

A report containing the proceedings of this colloquium has now been published as Report No. 1 of the IAGC Working Group on Laterites and Laterization and as a report of Project No. 129 of IGCP. It contains twelve articles and 156 pages. Copies are available (42.80 FF + 6 FF postage + handling). Ask for Bulletin du BRGM, Section II No. 3, 1978.

Send to: BRGM - DRE/PV
B.P. 6009
45018 Orleans
Cedex, FRANCE

IUGS PUBLICATIONS

Note: All figures given in dollars, \$ are in U.S. funds

REVIEWS:

Almeida, F.F.M. de, Leonardos Jr., O.H., Valença, J.
REVIEW ON GRANITIC ROCKS OF NORTHEAST SOUTH AMERICA. Prepared for the IUGS/UNESCO Symposium in Recife, Brazil, October 1967, 41p. \$9.00.

Didier, J. LES ENCLAVES DES GRANITES DANS LA LITTERATURE GEOLOGIQUE. B.R.G.M., Paris, (1964), 18p. \$0.50.

Dylik, J. and Maarleveld, G.C. FROST CRACKS, FROST FISSURES AND RELATED POLYGONS: A SUMMARY OF THE LITERATURE OF THE PAST DECADE. E. van Aelst, Maastricht, (1967), 15p. \$0.50.

Evans, I.S. SALT CRYSTALLIZATION AND ROCK WEATHERING: A REVIEW. Reprint from Revue de Geomorphologie Dynamique, No. 4, (1970), p. 153-177, \$2.00.

Maarleveld, G.C. FROST MOUNDS: A SUMMARY OF THE LITERATURE OF THE PAST DECADE. E. van Aelst, Maastricht, (1965), 16p. \$0.50.

REVIEWS PREPARED FOR THE FIRST SYMPOSIUM ON GONDWANA STRATIGRAPHY, MAR DEL PLATA, ARGENTINA, SEPTEMBER 1967. (1970), 304p. \$10.00.

Order From:

Dr. W.W. Hutchison, Secretariat,
International Union of Geological Sciences,
601 Booth Street,
Ottawa, Ontario
Canada K1A 0E8
Tel: 613-995-4927
Telex: 0533117 EMAR-OTT

IUGS SERIES A AND B

Proceedings of symposia and of IUGS bodies are published in these Series. IUGS sets the specifications for the format of Series A (240 x 162 mm "congress size") and Series B (297 x 210 mm, A 4 size) and assigns the serial numbers. The volumes however, are not published by IUGS itself, but by different publishing houses. Unfortunately, subscription to the complete series is not possible. The publications are available from the publishers or addresses listed below.

Series A, Number 1:

Westermann, G.E.G. (ed.) SEXUAL DIMORPHISM IN FOSSIL METAZOA AND TAXONOMIC IMPLICATIONS. E. Schweizerbart'sche Verlagsbuchhandlung, Stuttgart, (1969), 251p. stiff cover \$19.80, DM 46.00. Symposium organized by the International Palaeontological Union, Committee on Evolution, Prague, 1968.

Series A, Number 2:

Pouba, Z. and Stenprok, M. (eds.) PROBLEMS OF HYDROTHERMAL ORE DEPOSITION. E. Schweizerbart'sche

Verlagsbuchhandlung, Stuttgart, (1970), 396p. cloth bound DM 74.00. The origin, evolution and control of ore-forming fluids. Symposium organized by the International Association on the Genesis of Ore Deposits, St. Andrews, Scotland, 1967.

Series A, Number 3:

Amstutz, G.C. and Bernard, A.J. (eds.) ORES IN SEDIMENTS. 2nd edition. Springer-Verlag, Berlin, Heidelberg and New York, (1976), 350p. \$25.60, DM 58.00. VIII International Sedimentological Congress, Heidelberg, August 31-September 3, 1971.

Series A, Number 4:

Amstutz, G.C. (ed.) SPILITES AND SPILITIC ROCKS. Springer-Verlag, Berlin, Heidelberg and New York, (1974), 482p. cloth \$27.10, DM 66.00

Series A, Number 5:

Martinsson, A. (ed.) THE SILURIAN-DEVONIAN BOUNDARY. E. Schweizerbart'sche Verlagsbuchhandlung, Stuttgart, (1977), 349p. stiff cover \$42.20, DM 98.00. Final report of the Committee on the Silurian-Devonian Boundary within IUGS Commission on Stratigraphy and a state of the art report for Project Ecostratigraphy.

Series B, Number 1:

Adie, R.J. (ed.) ANTARCTIC GEOLOGY AND GEOPHYSICS. Universitetsforlaget, Oslo, (1972), 876p. \$78.00, N.Kr. 390.00. Order addresses: Universitetsforlaget, P.O. Box 307, Blindern Oslo 3, Norway, or Box 142, Boston, Mass., 02113, U.S.A., or Global Book Resources, 37 Queen Street, Henley on Thames, Oxon RG9 1AJ, U.K. Proceedings of the 2nd Symposium on Antarctic Geology and Solid Earth Geophysics, held in Oslo, August 6-15, 1970.

Series B, Number 2:

Collins, B.W. and Fraser, R. (eds.) RECENT CRUSTAL MOVEMENTS AND ASSOCIATED SEISMICITY. Royal Society of New Zealand, Bulletin 9, (1971), 247p. NZ \$8.00. Order address: The General Secretary, The Royal Society of New Zealand, P.O. Box 12249, Wellington, New Zealand. Selected papers of the International Symposium on Recent Crustal Movements and Associated Seismicity, held in Wellington in February 1970.

Series B, Number 3:

Burger, A. and Dubertret, L. (eds.) HYDROGEOLOGY OF KARSTIC TERRAINS/HYDROGEOLOGIE DES TERRAINS KARSTIQUES. Published by the International Association of Hydrogeologists, Paris, (1975), 190p. \$20.00. Order address: Dr. E. Groba, Treasurer of IAH, Landesamt für Bodenforschung, Postfach 510153, 3000 Hannover 51, Federal Republic of Germany.

BAUXITE SYMPOSIUM PROCEEDINGS

The first three volumes of the proceedings of the 4th International Congress for the Study of Bauxites, Alumina and Aluminum held in Athens October 9-12, 1978, are available. Each volume contains roughly 500 pages.

Volume I	Bauxites	\$10
Volume II	Bauxites	\$10
Volume III	Alumina and Aluminum	\$10
Volume IV	(In Press)	\$5

ORDER FORM to be sent to :

Prof. Dr S.S. Augustithis
NATIONAL TECHNICAL UNIVERSITY
DEPARTMENT OF MINERALOGY - PETROLOGY - GEOLOGY
42, OCTOBER 28th STREET
ATHENS T. T. 147, P.O. BOX 1482
GREECE

Payment in advance by cheque to:
Dr. Andreas Vgenopoulos
NATIONAL BANK OF GREECE, (116) Account No. 430/605745 - 4
Exarchia Square
ATHENS, T. T. 147



ASSOCIATION OF GEOSCIENTISTS FOR INTERNATIONAL DEVELOPMENT
AGID, Apartado No. 21241, San Martin, Caracas, VENEZUELA

AGID PUBLICATION LIST FEBRUARY 1979

- A) AGID NEWS: The AGID quarterly newsletter contains feature articles, news items, reports on meetings, book reviews, notices of new publications, job vacancies and forthcoming meetings and courses, letters to the editor and personnel notes. Free to members of AGID. Subscription: US\$30 per calendar year. Also available on an exchange basis.
- B) REPORT SERIES: THE GEOSCIENCES IN INTERNATIONAL DEVELOPMENT
- #1 "GEOSCIENTISTS AND THE THIRD WORLD: A COLLECTIVE CRITIQUE OF EXISTING AID PROGRAMS". Ed. A.R. Berger, and published as Geological Survey of Canada Paper 74-57, 1975, 32pp. (Free of charge-limited supply only.)
 - #2 "HIDDEN WATERS FOR ARID LANDS", Ed. L.A. Heindl, (out of print)
 - #3 "NEW DIRECTIONS IN MINERAL DEVELOPMENT POLICIES", Eds. D.J.C. Laming and D.E. Ajakaiye 1977 (out of print)
 - #4 "PRELIMINARY BIBLIOGRAPHY ON GROUNDWATER IN DEVELOPING COUNTRIES". D.A.V. Stow, J. Skidmore, and A.R. Berger 1976 (out of print)
 - #5 "GEOSCIENCE EDUCATION IN DEVELOPING COUNTRIES", Ed. P.G. Cooray, Proceedings of a Symposium held during the 25th International Geological Congress, Sydney, Australia 1976. Published November 1977. US\$5.00
 - #6 "MINERAL RESOURCE MANAGEMENT IN DEVELOPING COUNTRIES: STATE PARTICIPATION, PRIVATE ENTERPRISE, OR BOTH?" Ed. M.E. Woakes, Proceedings of a Symposium held during the 25th International Geological Congress, Sydney, Australia 1976. Published August 1978. US\$6.00
 - #7 Proceedings of Exploration Geochemistry Workshop, Zambia, 1977. Now in preparation.
 - #8 Proceedings of International Conference on Mineral Exploration Techniques in Tropical Rain Forests, Venezuela, 1977. Now in preparation.
- C) DIRECTORY OF GEOSCIENCE DEPARTMENTS IN UNIVERSITIES IN DEVELOPING COUNTRIES. Ed. Victor Ricaldi, Published August 1978, US\$8.00

All orders should be sent to the AGID address given above. Please enclose payment where applicable plus US\$1.50 per publication to help cover costs of postage and handling via airmail. Institutions, companies and libraries may request invoices.

