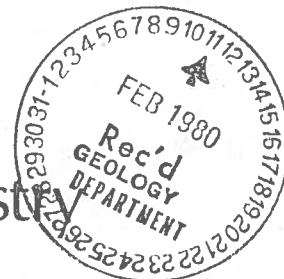


International Association of Geochemistry and Cosmochemistry NEWSLETTER



President

George Wetherill
Director
Department of Terrestrial Magnetism
Carnegie Institution of Washington
5241 Broad Branch Road, N.W.
Washington, D.C. 20015
U.S.A.

Vice-Presidents

Juan Goni
Adjoint au Directeur du
Service Geologique National
Bureau de Recherches Geologiques
et Minieres
B.P. 6009
45818 Orleans
France

Zdenek Pacal
Na Chodovci 2489
Praha 4-Spirolov II
Czechoslovakia

Secretary

G. M. Anderson
Department of Geology
University of Toronto
Toronto, Ontario
Canada M5S 1A1

Treasurer

R. A. Binns
Department of Geology
University of Western Australia
Nedlands, Western Australia 6009
Australia

Past President

Prof. L. H. Ahrens,
Dept. of Geochemistry,
University of Cape Town,
Private Bag, Rondebosch,
Cape, South Africa.

No. 11

January 1980

Edited by G. M. Anderson

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COUNCIL MEETING HELD IN OSTRAVA

A meeting of the IAGC council was held in Ostrava, Czechoslovakia, in conjunction with the Symposium on Geochemical Prospecting Methods. The meetings were held at the Mining University of Ostrava-Poruba Friday, Sept. 14 (morning and evening) and Saturday, Sept. 15 (afternoon). Since this was to be the last council meeting before the International Geological Congress in 1980, at which time a new council must be elected, the main item of business was to discuss the report of the nominating committee and to adopt a slate of candidates for council offices.

The suggestions of the nominating committee were fully discussed as to lack of continuing members (the old statutes do not allow this but amendments to be adopted at IGC will change this), the desirability of candidates from developing countries, the disciplines represented and the proposed succession of one of the vice-presidents to the presidency. All nominees but one had been contacted and had agreed to serve. With the proviso that if one nominee could not serve the nominating committee would be asked to find a candidate from a less-developed country, the slate of candidates was unanimously accepted.

The slate is as follows:

1980 - 1984 Slate of I.A.G.C. Officers

Proposed by nominating committee, and endorsed by I.A.G.C. Council

<i>President</i>	Valery L. Barsukov, Vernadsky Institute of Geochemistry and Analytical Chemistry Academy of Sciences of the U.S.S.R. Moscow 117334, U.S.S.R.
<i>First Vice President</i> (President-elect under proposed new statutes)	Mark H. Grünenfelder, ETH Zürich, Switzerland
<i>Second Vice President</i>	Brian Hitchon, Alberta Research Council, Edmonton, Alberta, Canada
<i>Secretary</i>	Sarah Deutsch, Université Libre de Bruxelles Brussels, Belgium
<i>Treasurer</i>	Ernest E. Angino, University of Kansas Lawrence, Kansas, U.S.A.

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<i>President</i>	Valery L. Barsukov Director, Vernadsky Institute of Geochemistry and Analytical Chemistry Academy of Sciences of the U.S.S.R. Moscow 117334, U. S. S. R.
<i>First Vice President</i> (President-elect under proposed new statutes)	Mark H. Grünenfelder Swiss Federal Institute of Technology CH-8092 Zurich Sonneggstrasse, SWITZERLAND
<i>Second Vice President</i>	Brian Hitchon Alberta Research Council 11315-87 Avenue Edmonton, Alberta T6G 2C2 CANADA
<i>Secretary</i>	Sarach Deutsch Université Libre de Bruxelles Brussels, Belgium
<i>Treasurer</i>	Ernest E. Angino University of Kansas Lawrence, Kansas 66045 U. S. A.

Council Members

Ivan Barnes
U. S. Geological Survey
Menlo Park, California 94025
U. S. A.

- * Leonid K. Gutsalo
Institute of Geology and Geochemistry
Lvov, U. S. S. R.

Hugh Greenwood
Department of Geological Sciences
University of British Columbia
Vancouver, B. C.
V6T 1W5 CANADA

Akimasa Masuda
Department of Earth Sciences
Kobe University
Nada, Kobe 657
JAPAN

- * Tomáš Paces
Geological Survey of Czechoslovakia
Malostranske Namesti 19
Praha-1, CZECHOSLOVAKIA

Yves Tardy
Université Paul Sabatier
Toulouse, FRANCE

S. Ross Taylor
Research School of Earth Sciences
Australian National University
Canberra A.C.T. AUSTRALIA

Heinrich Wänke
Max-Planck Institut für Chimie
Abteilung Kosmochemie, Saarstrasse 23
6500 Mainz, GERMANY

* acceptance pending approval by national committee

Other topics discussed during the meetings were as follows:

1. Plans for the IAGC Symposium at IGC.

This symposium on Crust-Mantle Interaction is being organized by G. Wetherill and C. Allegre as Section 10.2 of the IGC. Dates of sessions at IGC are still unknown at this writing, but July 8 and 9 are tentatively planned for the IAGC symposium.

2. Plans for IAGC General Assembly at IGC.

Space has been requested for the IAGC General Assembly on July 10, 1980, and also for meetings of the old and new IAGC councils. However, space has not yet been allotted by IGC. Members will be notified as soon as this information is received.

3. The Treasurer's Report (which appears in this Newsletter) was unanimously approved.

4. Increase in dues to individual members.

An increase in dues to individual members to \$10 US was approved. Members will recall that an increase to \$6 US had been approved at the Liege Council Meeting. But of course no increase can take effect until ratified at the General Assembly. This should be a topic of some interesting discussion, so be at the General Assembly in Paris if you can.

5. Reports from Working Groups

Oral reports were received from Dr. L.V. Tauson (USSR), director of the Irkutsk Institute of Geochemistry and chairman of the IAGC working group on geochemical prospecting, and Dr. T. Paces, Geological Survey, Prague, representing the working group on water-rock interaction, on the activities of their respective working groups.

Written reports were also received from several other groups as well as the editor of Organic Geochemistry, and were distributed to council members.

6. Relations with IUGS discussed.

Closer contact with IUGS has been achieved, and IAGC representatives have been invited to several IUGS meetings. IUGS has also made a grant to IAGC in recent years.

A motion that IAGC will adhere to the ICSU resolution on the free movement of scientists, and will in future advise any organizers of IAGC-sponsored meetings to this effect, was unanimously adopted.

7. Several planned and possible future meetings were discussed:
 - (a) A joint IAGC-IAVCEI conference in Iceland in 1981.
 - (b) A Geochronology and Isotope Geology Conference in Tokyo, 1982, to be sponsored by IAGC.
 - (c) A possible conference on "Geochemistry in developing countries" in 1983.

8. Membership

Hungary and New Zealand have recently joined IAGC as corporate members, bringing the total to 17. Correspondence with China is also taking place, and plans were made to solicit help from geochemists in various other countries in getting their national organizations to join IAGC.

In addition to these business items, on Saturday afternoon September 15 the council met for slightly over an hour with members of the Czechoslovakian National Geochemical Group, the nine conference participants from various UNESCO countries (introduced by Dr. Pacal), Dr. D. Pouba, Chairman of the Geology Department at Clarks University, and Chairman of the Czechoslovakian Society of Mineralogy and Geology, and Dr. Naumov (representing Dr. Barsukov) of the U.S.S.R.

Dr. Pacal briefly summarized the activities of the Czechoslovakian Geochemical Group, and Dr. Wetherill outlined the activities of IAGC and what had been accomplished at this meeting. Plans for future geochemical prospecting symposia were discussed, as well as the possibility of international cooperation on the exchange of information on computer programs useful in geochemical prospecting.

Two chairmen of geology departments at Czech Universities also outlined the geochemical training offered in their departments.

INTERNATIONAL ASSOCIATION OF GEOCHEMISTRY AND COSMOCHEMISTRY

FINANCIAL STATEMENT FOR THE PERIOD 1 JULY 1978 TO 30 JUNE 1979

(AUSTRALIAN DOLLARS)

<u>BALANCE BROUGHT FORWARD</u> as shown on statement for period 23 July 1977 to 30 June 1978		\$	\$
			6881.54
<u>RECEIPTS</u>			
Dues:	Corporate Members - 1978	265.49	
	1979	585.88	
	Individual Members - arrears	72.78	
	1978	213.23	
	1979	549.47	
	advances	51.60	
IUGS grant		440.55	
Interest		223.97	
		<hr/>	<hr/>
		2402.97	9284.51
<u>PAYMENTS</u>			
Secretary:	Office expenses, printing, newsletters	907.44	
Treasurer:	Postage	144.65	
I. Ryabchikov:	Liege expenses	313.97	
Stamp duty		5.20	
		<hr/>	
		1371.26	
<u>BALANCE IN HAND</u> at 30 June 1979 as per bank statement		7913.25	
		<hr/>	<hr/>
		9284.51	9284.51

(\$A = \$US 1.119 at 30/6/79)

R.A.B.

R.A. Binns
Treasurer

TRAVEL FUNDS AVAILABLE FOR U.S. GEOCHEMISTS

Geochemist's Travel Grant Program

To the 26th International Geological Congress in Paris, July 7-17, 1980

The U.S. National Committee for Geochemistry is seeking funding for its Travel Grant Program to the 26th International Geological Congress (IGC) to be held in Paris, July 7-17, 1980. The Committee seeks to ensure appropriate U.S. participation by providing for approximately 30 partial travel grants to enable geochemists residing in the United States to attend the IGC and the General Assembly of the International Association of Geochemistry and Cosmochemistry (IAGC), which is to be held in conjunction with the Congress..

Depending on available funds, travel grants are to be awarded based in part on the Screening Committee's ranking of geochemistry papers submitted for presentation at the 26th IGC. Younger geochemists are encouraged to apply; the Awards Committee plans special consideration for those judged to benefit most by attendance at the IGC and IAGC General Assembly.

Travel Grant application blanks are available from:

Mr. W.L. Petrie
USNC/G, NAS-NRC
2101 Constitution Ave.
Washington, D.C. 20418

Completed applications, including abstracts and copies of papers to be presented, must be received by January 9, 1980.

IUGS CONSTITUTIONAL AMENDMENTS

IUGS has had a committee working on revision of their statutes for some time, and a draft of the revised statutes has been received by the Secretary. Of interest to IAGC are provisions for affiliated organizations (such as IAGC) to attend IUGS council meetings as non-voting participants.

Proposals of amendments must reach IUGS Secretary-General Hutchison before March 7, 1980.

Copies are available to interested members from the Secretary.

WRI-3

Plans are well advanced for the holding of the Third International Conference on Water-Rock-Interaction at Edmonton, Canada, July 14-24, 1980. The second circular is now available from:

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

This Symposium is organized by the IAGC Working Group on Water Rock Interaction and the first two (in Prague, 1974) were outstanding successes. All indications are that this one will be too.

Members should note that although there is a partial overlap with IGC (July 7-17, 1980) present indications are that all IAGC-related matters at IGC will occur in the first half of IGC, allowing attendance at WRI-3 as well.

PUBLICATIONS

Colloquium on the Mineralogy, Geochemistry and Geology of Lateritic Nickel-bearing Minerals and Ores. Bureau de Recherches Geologiques et Minieres Minieres Project No. 129, 301 pages. Cost: 42.80 FF + 6.00 FF postage. Send to BRGM-DRE/PV, B.P. 6009, 45018 Orleans Cedex, France.

Dec. 1979

IAGC PUBLICATION LIST

Journals

Organic Geochemistry

Editor-in-chief

Irving A. Breger
U.S. Geological Survey
923 National Center
Reston VA 22092

Subscriptions:

Pergamon Press, Ltd.
Headington Hill Hall
Oxford OX3 0BW
England

Newsletter

The Association sends a Newsletter to corporate and private members on an irregular basis, but is intended to be no less than twice a year. Edited by the Secretary,

G. M. Anderson
Department of Geology
University of Toronto
Toronto, Canada M5S 1A1

Publications

1. Mason, Brian (ed.) (1971): Handbook of Elemental Abundances in Meteorites, Series on Extraterrestrial Chemistry, vol. 1, Gordon and Breach Science Publishers, New York, 555 pages, \$13.90 to IAGC members; hardcover, \$56, paperback, \$28, retail.
2. Tugarinov, A.I. (ed.) (1971): Abstracts of Reports, International Geochemical Congress, Moscow, 1971; 2 vols.; Organizing Committee of International Geochemical Congress, USSR Academy of Sciences, Moscow, 1,023 pages. No price given; paperback editions.
3. Genesis of Precambrian Iron and Manganese Deposits, proceedings of a symposium held in Kiev, August, 1970; Earth Science Series of UNESCO, Paris, 1973, 382 pages. UNESCO Publication No. ISBN 92-3-001107-X (paper), \$32 retail; no reduced price for IAGC members.
4. Ingerson, Earl (ed.) (1973): Hydrogeochemistry (vol. I) and Biogeochemistry (vol. II), proceedings of the Symposium on Hydrogeochemistry and Biogeochemistry, held in Tokyo, September, 1970. Copies are available from Dr. James W. Clarke, U.S. Geological Survey, Reston, Virginia, 22092, U.S.A., \$10 each volume to IAGC members; \$12.50 retail. Vol. I, 662 pages; vol. II, 613 pages.

5. Nriagu, Jerome (ed.) (1967): Environmental Biogeochemistry, vol. 1. - "Carbon, Nitrogen, Phosphorus, Sulfur and Selenium Cycles"; proceedings of the 2nd International Symposium on Environmental Biogeochemistry held in Hamilton, Ontario, April, 1975. Ann Arbor Science Publ., Inc., Ann Arbor, Michigan, 797 pages, \$18.75 each volume; \$29.50 for the set. No discount to IAGC members; only for volume contributors.
6. Review of Research on Modern Problems in Geochemistry. F.R. Siegel, editor. Twelve chapters by 18 authors. In press at UNESCO.
7. Proceedings of the First International Conference on Water-Rock Interaction, Prague, 1974. 464 pages \$15.00 US.

Available from:

Dr. Josef Cadek
Geological Survey Prague
Malostranské nám. 19
118 21 Praha 1, Czechoslovakia

8. Proceedings of the First International Conference on Kimberlites, Capetown, South Africa. editors: L.H. Ahrens, J.B. Dawson and A.J. Erlank.

No. 9 in the series Physics and Chemistry of the Earth, Pergamon Press, Oxford.

Published in 1975, 940 pages, \$87.50 US (\$35.00 to IAGC members)
available from:

Maxwell Scientific Co.
Fairview Park
Elmsford, N.Y. 10523

9. Origin and Distribution of the Elements. Proceedings of the Second Symposium, Paris - UNESCO, May 1977. Editor-in-chief - L.H. Ahrens 1000 pp. Available from Pergamon Press, Cost: US\$80.00.
10. Colloquium on The Mineralogy, Geochemistry and Geology of Lateritic Nickel-bearing Minerals and Ores. Bureau de Recherches Geologiques et Minieres Project No. 129, 301 pages. Cost: 42.80 FF + 6.00 FF postage. Send to BRGM-DRE/PV, B.P. 6009, 45018 Orleans, Ceex, France.

