

International Association of
Geochemistry and Cosmochemistry

Newsletter

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New format and style

The International Association of Geochemistry and Cosmochemistry (IAGC) was formally founded on May 8, 1967. The first Newsletter, edited by President Earl Ingerson, was distributed to members in July 1971. Since that time, eighteen Newsletters have been produced (two were numbered 12) and at least for the period mid-1976 to February 1984 (Newsletter No. 17) production and distribution were fairly regular. All previous Newsletters were mimeographed, and commonly reported newsworthy items verbatim. In 1986, IAGC enters a new era with the publication of its official journal *Applied Geochemistry*. In keeping with this new image, the Newsletter now appears in a modern format, and a more narrative style of reporting items of interest to members. Whether it can appear regularly twice a year depends, to some extent, on the amount of news received from members. Please pass items of interest on to the Editor of the Newsletter, who is also IAGC's Secretary. Because of the almost two-year gap between this Newsletter and the last one, catch-up will be accomplished by reporting only the highlights of certain events.

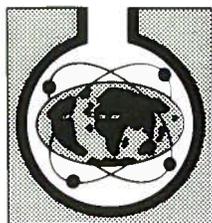
Moscow council meeting highlights

The final meeting of the 1980-1984 Council was held August 6 and 7, 1984 in Moscow, U.S.S.R., during the 27th International Geological Congress. Much of the

meeting was taken up with the presentation and discussion of reports summarizing activities of the past four years. Reports of the President (Dr. V.L. Barsukov), the Secretary (Dr. S. Deutsch) and the Treasurer (Dr. E.E. Angino) as well as those from the Chairmen of the Working Groups, were all approved for presentation at the forthcoming General Assembly. Final approval was also given for proposed statute changes, notice of which had been submitted to all National Members on March 13, 1984.

After considerable discussion, the old Working Group on Geochemistry Teaching was renamed Working Group on "Cooperation in Applied Geochemistry - Special Training for the Developing Countries". Council was shown the new special issue of *Geostandards Newsletter* titled "1984 Compilation of Working Values and Sample Description for 170 International Reference Samples of Mainly Silicate Rocks and Minerals" and agreed to allocate \$3000 toward publication costs, in return for which 1000 copies were to be distributed to National Members, Individual Members and geological survey departments in the developing countries.

Dr. Hitchon outlined the results of the discussions he and Professor A.A. Levinson had had with Pergamon Press Ltd., respecting the publication of an official journal for IAGC. Council accepted their proposal in principle, but noted that a number of matters still required negotiation with the publishers. These included a



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decision on the name of the journal, IAGC control on the appointment of the Executive Editor, a fixed price for four years, and that subscription by IAGC members was to be optional. A Publications Committee was to be appointed, comprising at least one member of Council, to oversee the new journal. The terms of the committee members were to be staggered to permit continuity and the new Council would make the appointments. When the negotiations with Pergamon Press Ltd. were completed, Council was to ratify the conditions.

Council accepted with deep gratitude the offer of Professor Earl Ingerson to make a bequest to IAGC to support a distinguished lecture series (honorarium, plus reasonable travel and expenses). The final item of business was acceptance of the report of the Nominating Committee (Chairman, Dr. G.W. Wetherill) and approval of the agenda for the General Assembly.

General Assembly, Moscow

The General Assembly of the IAGC convened in the Cinema Room of the Sovincentre, Moscow, U.S.S.R. at 6:30 p.m. on August 9, 1984. Dr. V.L. Barsukov presented his presidential address and report, copies of which may be obtained from the Secretary on request. The Treasurer, Dr. E.E. Angino, outlined the financial situation of the Association, which showed an excess of revenues over expenditures of \$2426.13 for the fiscal year ending December 31, 1983, and a balance of \$16,919.13. This balance had dropped to \$16,065.60 at June 30, 1984. Dr. S. Deutsch then briefly outlined the work of the Secretary over the past four years, and copies of her report can be obtained from the present Secretary, on request. Dr. B. Hitchon then described the various changes in the statutes that were being proposed by Council, and there being no substantive discussion, the General Assembly approved the proposed changes. The report of the Nominating Committee was presented by the Chairman, Dr. G.W. Wetherill, and being duly voted on by the General Assembly, was accepted. The Council for the period 1984-1989 (that is, until the next General Assembly at the 28th International Geological Congress, Washington, D.C., U.S.A. in 1989) is as follows:

President: Marc H. Grunenfelder (Switzerland)
Vice-President: Heinrich Wänke (Federal Republic of Germany)
Secretary: Brian Hitchon (Canada)
Treasurer: Ernest E. Angino (U.S.A.)
Past-President: Valery L. Barsukov (U.S.S.R.)
Council Members:
Ivan Barnes (U.S.A.); Marcelo Carapezza (Italy); K. Kigoshi (Japan); Liya N. Kogarko (U.S.S.R.); D. Lal (India); Stephen Moor bath (U.K.); Frantisek Mrna (Czechoslovakia); Henning Sorensen (Denmark)

The new President, Dr. Marc Grunenfelder, then briefly addressed the General Assembly noting some of the new initiatives to be dealt with by the in-coming Council, especially those related to the new journal, and a drive for new members. He thanked the former Coun-

cil for their considerable efforts over the past four years. There being no further business, the General Assembly adjourned at 8:00 p.m.

Statute changes

In addition to some minor housekeeping items, the General Assembly approved three substantive changes in the statutes. In order to bring as many geochemists as possible under the aegis of IAGC, while still recognizing the distinction between "official national" organizations and "societies" of geochemists, the old Corporate Members were renamed National Members, and an additional group of associated societies was created; voting control remains with the National Members.

Over the past few years, the plethora of commissions, working groups and interest groups has been simplified so that now there is only one class, namely, working group. The second substantive change recognized this simplification and the authority of Council to establish new working groups, as well as discontinue or change the membership of existing working groups; the previous statutes provided no explicit authority to make changes once working groups were established, and this had become a problem when a group or its leaders were inactive. The revised statutes make it perfectly clear, however, that Council has absolutely no intention of interfering with the internal organization of effective working groups.

Council members previously served a "four-year" term but this has been changed to be "in phase" with the International Geological Congresses; the terms of Council members are thus simply between General Assemblies, the next of which is to take place during the 28th International Geological Congress to be held in Washington, D.C., U.S.A. in 1989.

A copy of the revised statutes has been sent to all members with this Newsletter.

New council meeting, Moscow

The new council held its first meeting on August 10, 1984 in Moscow. The main item of business related to the appointment of members to the Publications Committee, which comprises Professor A.A. Levinson (Canada) as Chairman, Dr. Ivan Barnes (U.S.A.) representing Council, Academician L.V. Tauson (U.S.S.R.), and the Executive Editor Dr. Brian Hitchon (Canada) as an ex-officio member. Other business related mainly to the planning of future symposia, and the need to achieve better communication with members.

Rome council meeting highlights

Council convened its first major meeting September 13-14, 1985 in the Geochemistry Building, Citta Universitaria, Rome, Italy. The following major action items were approved:

General Assemblies: Scheduled for 28th International Geological Congress, Washington, D.C., U.S.A., July

1989; 29th International Geological Congress, Japan, 1993; 30th International Geological Congress, The People's Republic of China, 1997.

IAGC Archives: These are to be retained by the Secretary and members are requested to search their records for appropriate material and submit it to the Secretary.

Treasurer's Report: The 1984 year-end statement is shown in the Table below.

**IAGC Statement of income and expenses (US \$)
1984-01-01 to 1984-12-31**

Income:	
National Members Dues	\$ 3,980.00
Prepaid National Members Dues	380.00
Individual Members Dues	2,370.00
Interest on Investments	1,489.53
UNESCO - Moscow Meeting	4,000.00
IUGS	500.00
Reimbursement - Moscow Meeting	948.97
	\$13,668.50
Expenses:	
Labels	95.00
Clerical	121.87
Postage	188.05
Bank Charges	79.45
Accounting	125.00
Tax Filing	109.00
Telgrams-Moscow	133.97
Travel Moscow	7,197.00
	\$ 8,049.34
Excess Income Over Expenses	\$ 5,619.16
Cash balance at 1983-12-31	\$16,919.13
Excess income over expenses 1984	5,619.16
Cash balance at 1984-12-31	\$22,538.29
Checking Account	\$10,612.21
Investment	11,926.08
CASH BALANCE 1984-12-31	\$22,538.29

Notes:

Cash balance at 1984-12-31 includes \$7500 of the Earl Ingerson Bequest (on a 3-year term Certificate of Deposit) and \$7000 committed for Catania and London meetings, and the Geostandards special publication sent to members.

The Treasurer reported that the cash balance at the end of June 1985 stood at \$17,490.70.

Working Groups - Geochemistry of Isotopes: After considerable discussion on the progress made by this working group, it was agreed to dissolve it and subsequently

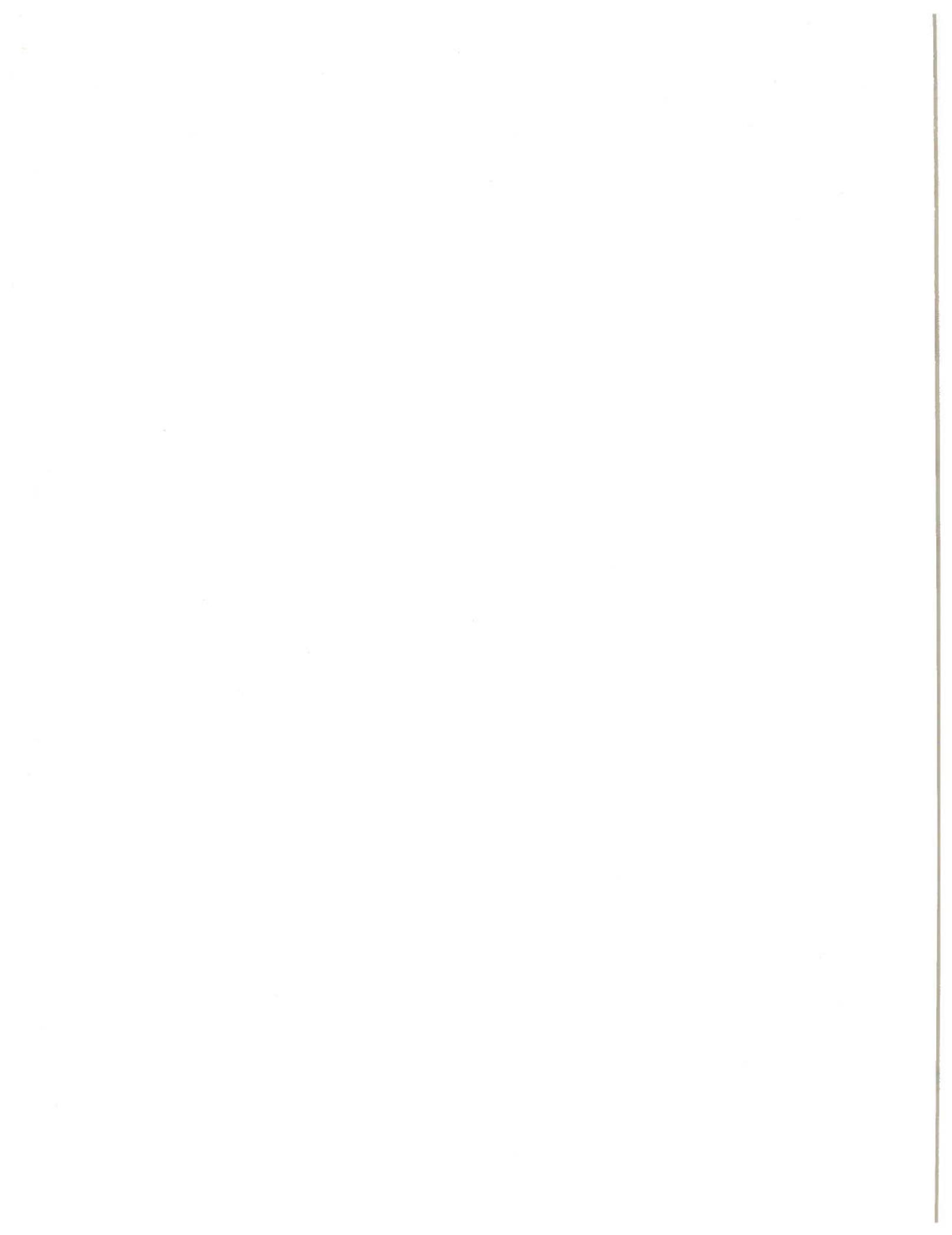
reorganize IAGC's efforts in isotope geochemistry. Relations with IAVCEI with respect to isotope geochemistry were to be re-examined, but continued cooperation was viewed as extremely important. An informal meeting to discuss new directions will be called at the Cambridge meeting in 1986.

International Standards: It was agreed that no Working Group on International Standards be created, but that IAGC will support efforts in this field through financial assistance to Geostandards Newsletter.

Report of the Publications Committee: Following discussions with Pergamon Press Ltd., Oxford, England and ratification by Council, it was agreed that the journal will be called Applied Geochemistry, with a sub-title Journal of the International Association of Geochemistry and Cosmochemistry. The journal will commence bi-monthly publication in 1986 with a format similar to that of Geochimica et Cosmochimica Acta. Institutional rates are set at \$95.00 U.S. for 1986. Individual subscriptions are available (optional) only to IAGC Individual Members at \$15.00 U.S. per year, with no increase for four years. These and other matters are set out in a contract between IAGC and Pergamon Press Ltd., which was signed on behalf of IAGC by Dr. Grunenfelder (President), Dr. Hitchon (Secretary) and Dr. Levinson (Chairman, Publications Committee). The first three issues will be a Festschrift to honour Professor Earl Ingerson in his 80th year; Earl Ingerson was the prime mover of the events that led up to the founding of IAGC, and the person who guided the Association in its formative decade. Council also approved the by-laws of the Publications Committee, which are modelled after those of the Geochemical Society.

Ingerson Distinguished Lecture Series: The lecture series is to be funded from the Earl Ingerson Bequest, and Council agreed that the first lecture would be given during the 1987 Geochemical Congress in Paris by an active senior researcher; for the 1989 International Geological Congress, a more junior geochemist would be sought.

Membership Drive: Because of the very favourable terms under which Individual Members of IAGC may obtain Applied Geochemistry, which was already resulting in increased membership, Council agreed to confine its attention to obtaining more National Members. At the present time, the National Members are: Australia, Canada, The People's Republic of China, Czechoslovakia, France, the German Democratic Republic, the Federal Republic of Germany, Hungary, Italy, Japan, New Zealand, Norway, The Netherlands, the Republic of South Africa, Switzerland, the United Kingdom, U.S.A. and the U.S.S.R. The difficulties in selecting viable initial geochemical contacts in non-member countries was noted and Association members are encouraged to contact Dr. Grunenfelder with their suggestions. IAGC is one of twenty-three organizations affiliated with the International Union of Geological Sciences (IUGS) which is now one of the largest and most active non-governmental scientific organizations in



the World, with ninety-three adhering member countries. It is important for the international health of IAGC that the number of National Members be increased substantially, and individual members can make a contribution by providing advice to President Grunenfelder.

Financial Support for Meetings:

Catania, Italy, September 1985 - \$2,000

Cambridge, England, July 1986 - \$2,000

Perth, Australia, August 1986 - \$2,000

Paris, France, July 1987 - major support

Sao Paulo, Brazil, July 1988 - major support

More details of these and other IAGC-sponsored meetings may be found elsewhere in this Newsletter.

Future Council Meetings:

1986 - July 5-6, Cambridge, England

1987 - July, Paris, France

1988 - July, Sao Paulo, Brazil

1989 - July, Washington, D.C., U.S.A.

IAGC-sponsored meetings

Geochemistry of the Earth Surface and Processes of Mineral Formation

1986-03-16/22

Granada, Spain

Contact: Dr. Rafael Rodriguez Clemente, Secretary-General, National Museum of Natural History, C.S.I.C. Jose Gutierrez Abascal 2, 28006, Madrid, Spain (Telephone 91-2-61-25-13).

Sponsors: IAGC; Working Group on Geochemistry of Weathering, Diagenesis and Sedimentary Processes; International Mineralogical Association (IUGS); Commission of Crystal Growth of Minerals.

Sixth International Conference on Geochronology, Cosmochronology and Isotope Geology

1986-06-30 to 07-04

Cambridge, England

Contact: Organizing Committee, Sixth International Conference, Department of Earth Sciences, University of Cambridge, Downing Street, Cambridge CB2 3EQ, England

Sponsors: IUGS Subcommittee on Geochronology; IAGC; IAVCEI; Geochemical Society.

Fifth International Symposium on Water-Rock Interaction (WRI-5)

1986-08-08/17

Reykjavik, Iceland

Contact: Dr. Halldor Armannsson, Secretary General WRI-5, Orkustofnun- The National Energy Authority, Grensasvegur 9, 108 Reykjavik, Iceland (Telephone: IS-1-83600; Telex: 2339 ORKUST IS.)

Sponsors: Orkustofnun; IAGC; Working Group on Water-Rock Interaction.

Fourth International Kimberlite Conference

1986-08-11/15

Perth, Australia

Contact: Mr. J.D. Lewis, Secretary, Fourth International Kimberlite Conference, Geological Survey of Western Australia, Mineral House, 66 Adelaide Terrace, Perth, WA, Australia (Telephone: [ISD619] 325-0161; Telex: MINEWA AA95791)

Sponsors: The Geological Society of Australia; IAGC.

Twelfth International Geochemical Exploration Symposium and Fourth Symposium on Methods of Geochemical Prospecting

1987-04-23/26

Orleans La Source, France

Contact: The Organizing Committee, 12th IGES - 4th SMGP, BRGM, BP 6009, 45060 Orleans Cedex, France (Telephone: [38] 64-30-08; Telex: 780258F)

Sponsors: Association of Exploration Geochemists; IAGC Working Group on Geochemical Prospecting.

International Congress of Geochemistry and Cosmochemistry (tentative title)

1987-07

Paris, France

Contact: Dr. C. Allegre, Institut de Physique du Globe de Paris, 4 Place Jussieu, 75230 Paris Cedex 05, France (Telephone: 354-84-63; Telex: 202 810)

Sponsors: IAGC

Comment: Celebration of 20th anniversary of IAGC

Conference on Applied Geochemistry of the Continental Crust (tentative title)

1988-07

Sao Paulo, Brazil

Contact: Dr. A.J. Melfi, Instituto Astronomica e Geofisico, Universidad de Sao Paulo, Caixa Postal 30627, Sao Paulo 01000, Brazil (Telephone: 275-5392)

Sponsor: IAGC

Celebration of 125th Anniversary of birth of V.I. Vernadsky (title unknown)

1988-03

Moscow, U.S.S.R.

Sponsor: UNESCO

Comment: Vernadsky Institute is organizing this special scientific session.

Sixth International Symposium on Water-Rock Interaction (WRI-6)

Summer 1989

Probably England

Sponsor: IAGC Working Group on Water-Rock Interaction

Twenty-Eighth International Geological Congress

1989-07

Washington, D.C., U.S.A.

Contact: Secretary-General, International Geological Congress, P.O. Box 1001, Herndon, Virginia, 22070, U.S.A. (Telephone: (703) 860-6418; Telex: 248418)

Sponsor: IUGS

Comment: IAGC to organize geochemical program

Current individual membership status

At the beginning of 1985, before public announcements concerning Applied Geochemistry, IAGC had 293 Individual Members. The status at the end of 1985 was as follows:

Australia	13
Austria	4
Belgium	5
Brazil	7
Canada	44
Denmark	2
France	22
Federal Republic of Germany	7
Iceland	2
India	9
Israel	3
Italy	14
Japan	31
Mexico	2
Netherlands	4
New Zealand	4
Norway	8
People's Republic of China	5
South Africa	2
Spain	4
Sweden	6
Switzerland	8
United Kingdom	16
U.S.A.	218
U.S.S.R.	5

Each of the following countries have one member: Algeria, Colombia, Czechoslovakia, Finland, Indonesia, Iraq, Kenya, Korea (N.), Korea (S.), Pakistan, Saudi Arabia, Senegal, Sri Lanka, Syria, Tanzania and Thailand. Membership as of 1985-12-31 stands at 461.

Much of the 56% increase can be attributed to the pending publication of Applied Geochemistry, because 84% of our members have indicated an interest in taking the new journal; because **all** Individual Members of IAGC will be sent a copy of the first issue of Applied Geochemistry, we may anticipate this latter percentage to increase even further.

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