

International Association for Mathematical Geology

Council Meeting

Fiesta Americana Grand Coral Beach Hotel, Cancun, Mexico

8 p.m., 12 September 2001

Attendees

Graeme Bonham-Carter, President; Fritz Agterberg, Vice President; Carol Gotway Crawford, Secretary General; Geoff Bohling, Treasurer; Ricardo Olea, Past President; Margaret Armstrong, Councilor; Tom Jones, Councilor; Roy Kouda, Councilor; Maria Teresa Shafmeister, Councilor; Mike Hohn, Publications Committee Chair; Ed Sharp, Editor, *Mathematical Geology*; Joanne DeGraffenreid, IAMG Monographs Editor; Harald Poelchau, Newsletter Editor; Eric Grunsky, Webmaster; Vera Pawlowsky-Glahn, Awards Committee Chair; Heinz Burger, IAMG 2002 Organizer; John Davis, IAMG 2001 Technical Advisor; Jan Harff, Past Chair, Membership Committee.

President Bonham-Carter opened the meeting by expressing thanks to IAMG 2001 organizers for a good conference.

He read an e-mail from Dr. Dech (St. Petersburg, Russia: producing special issue of *Mathematical Geology*) sending condolences for those lost in 11 September terrorist attacks in New York and Arlington. All attendees appreciated his letter and shared his sentiment.

President Bonham-Carter stated that most of meeting will be devoted to committee reports reviewing activities of past year. IAMG formed many committees:

- After Berlin meeting in 2002, Heinz Berger will succeed Vera Pavlovsky-Glahn as chair of the awards committee.
- Mike Hohn is chair of publications committee.
- Tim Coburn is chair of student grants committee.

IAMG is close to having a distinguished lecturer committee but has had trouble finding chair. Several have demurred, saying they are too busy for this time consuming position. Alex Desbarats finally agreed to chair, but the committee still needs a representative from Latin America.

Council had previously resolved the site of 2003 conference, which will be Portsmouth, England. John Cubit (IAMG 2003 organizer) hopes to have a web site (for the 2003 conference) up soon. Publications Committee Chair Hohn stated that he has encouraged Angela DiBlasi of Mendoza, Argentina to resubmit their application to host a future conference in Argentina. Councilor Armstrong suggested the need for revised cost estimates when planning conferences: \$20-40 for a hotel is unrealistic.

Antonella Buccianti, IAMG Councilor for the 2004 International Geological Congress in Florence, needs titles for IAMG symposia by 29 September. She already has five proposals (which President Bonham-Carter read). Publications Committee Chair Hohn noted that IAMG has had as many as twelve symposia before. Councilor Armstrong noted the absence of geostatistical topics and Publications Committee Chair Hohn was concerned that the International Geostatistical Congress is to be held close to the same time, making it difficult to get good geostatistical talks for the Florence symposia.

Vice President's Report (copy distributed to attendees)

Vice President Agterberg reported that IAMG sponsored a session at the 23 August 2001 ISI meeting in Seoul, South Korea (speakers and topics are provided in the report). IAMG will also sponsor a session at the next ISI meeting in Germany in 2003. It may be possible to make the IAMG 2003 conference a satellite of the ISI meeting. IAMG will also organize an invited paper session at August 2002 Joint Statistical Meetings in New York.

Editor Poelchau suggested that IAMG members should get a break on the price of attending the JSM. Secretary Gotway Crawford noted that since IAMG provides no money to JSM, attendees are not offered a discount.

Councilor Jones wondered if we should persist in our relationship with ISI since attendance has been low at IAMG's sessions at ISI meetings. Vice President Agterberg noted that the ISI holds ten sessions simultaneously and the IAMG session drew only 1% of the attendees. He suggested that we should either make the topic of our session more general or hold a special joint session. Perhaps it will help to make the Portsmouth IAMG meeting a satellite of the ISI. Secretary Gotway Crawford noted that ISI meetings tend to be very theoretical, so perhaps IAMG sessions should be less applied. She also suggested that IAMG could perhaps co-sponsor a session with another organization in the same situation (e.g., Environmetrics). Awards Committee Chair Pawlowsky-Glahn suggested staging a short course or a workshop that could be more theoretical. The consensus of the Council was to keep this relationship alive.

Secretary General's Report (copy distributed to attendees)

Secretary Gotway Crawford reported on IAMG's affiliation with the International Union of Geological Sciences (IUGS), to which we must submit a report every November. IUGS can be a source of funds. We normally ask for \$5,000 to support travel by participants from under-developed countries. This request was denied in May, but this is not unusual.

This year there seemed to be a new source of funds from the International Council for Science (ICSU). Through IUGS, IAMG requested \$11,000 from ICSU for the same purpose. The Council should decide on how to make future requests so that chances for success are enhanced. Richard Sinding-Larsen has provided advice in this regard. Secretary Gotway Crawford recommended a committee of 3 (including Sinding-Larsen) investigate. Councilor Armstrong suggested that these funds could be used to fund lectures at a young scientists' meetings and President Bonham-Carter suggested such funds could also be used for interaction with young scientists, travel, or student grants.

Treasurer's Report (copy distributed to attendees)

Treasurer Bohling expressed his thanks to Past Treasurer Dan Tetzlaff for a good transition and also to Gwen Bohling for her help during the transition.

He noted that he found it difficult to change IAMG's address with banks and recommended IAMG find a fixed business address. Councilor Jones noted that the by-laws indicate the Secretary General's address is the organization's home address. Editor Sharp suggested that we

might be able to find an organization to manage these affairs for IAMG. President Bonham-Carter noted that several people have suggested the idea of a business manager because of the difficulty of the treasurer's job. Treasurer Bohling noted that the job should get easier after the transition, but we need a database of procedures (for each officer). Editor Poelchau suggested the use a P.O. box with a forwarding service. President Bonham-Carter noted that IAMG is also affiliated with AAPG, which pays a secretary \$15,000 per year for two days' work per week. Dan Tetzlaff also had hired help, as we voted at the Barcelona council meeting to provide \$10,000 for a treasurer's assistant. Editor Sharp asked if we could share the office assistant with the AAPG. Councilor Armstrong noted that unless the treasurer gets help, we'll have trouble finding people who want the job. President Bonham-Carter concluded that this should be an action issue for the Council to discuss.

Treasurer Bohling also reported that at the beginning of August, he transferred \$10,000 from the BoA account because IAMG was not receiving royalties from *Computers & Geosciences*. This transfer was considered a loan. Processing of membership is going well.

Past President Olea had two comments on financial statements. First, IAMG receives some money for specific purposes, such as that from the Chayes Fund and the Mathematical Geologists of the U.S. We should invest those monies separately, or at least account for them separately as Past Treasurer Tetzlaff did. Past President Olea noted that the value of the Chayes' prize can be changed in the award guidelines and it should float with the value of the invested funds. Also IAMG had decided to pay travel expenses of the Chayes prize winner from Chayes funds. Past President Olea's second suggestion (regarding treasurer's report), was to itemize expenses in more detail. Reporting a \$34,000 expense for meetings is aggregated too much. Treasurer Bohling noted that he would make the changes.

A motion to send a certificate of appreciation to Gwen Bohling was approved by all voting, with Geoff Bohling abstaining.

Awards Committee Report

Awards Committee Chair Pawlowsky-Glahn noted that members of the awards committee will be rotated in accordance with the by-laws. She acknowledged the help of Heinz Burger and John Harbaugh.

Awards are given in alternate years, and this procedure is working well except for the continuing problem of a lack of nominees. For the nominations that are received, the awards committee needs letters of support beyond simple "I know this person" statements. This year, even with the extended deadline, IAMG had only four nominees for the Chayes prize and two for the Vistelius award.

President Bonham-Carter asked for ideas to stimulate the nomination process. Past President Olea suggested each Council member should make a nomination. Councilor Jones noted that there is some reluctance to nominate because some nominees do not want to go through the process unless they are likely to win. Councilor Armstrong stressed that the nominee should know of the nomination. Otherwise, there is a risk of embarrassment as with the Matheron-Krumbein incident. Secretary Gotway Crawford suggested that we make the awards

presentation part of a general assembly or a separate ceremony, since we had low attendance at some of the awards presentations at this conference. 2001 Technical Advisor Davis noted that it is dangerous to impose too many conditions on the conference organizers, such as requiring a separate awards session, but Publications Chair Hohn disagreed. He suggested that the Council should have a liaison with the organizing committee to indicate what the council wants in the way of an awards banquet. At the Eastern meetings, there is a regularized procedure for the awards. 2001 Technical Advisor Davis argued that if the council imposes format conditions on the organizing committee, it will discourage people from volunteering to organize a conference. Besides, the variety of locations at which the IAMG conferences are held creates a different circumstance from the Eastern meetings, which are held in the same place and fit the same format over and over. He also suggested if we are having trouble getting nominees for the awards, perhaps we should let the awards languish for a while.

Student Grants Committee Report (copy distributed to attendees)

President Bonham-Carter noted that the intent is to award grants each spring. Past President Olea wondered if it would be more efficient to contact professors than to contact each student. Perhaps a clarification to this report needs to be made.

Publications Committee Report (copy distributed to attendees)

Editor Merriam has improved the flow of papers to the publishers. The Energy Minerals division of AAPG is not providing many papers or members. We did have a problem with delivery of publications earlier this year.

The contract with Kluwer Publishing expires at the end of 2001. Publications Committee Chair Hohn reported that IAMG negotiated a one-year extension for \$2 more per member. The Publications Committee met last Sunday evening (9 Sept) and decided to negotiate with five publishers.

The number of articles submitted to *Computers & Geology* appears steady; about 60% are accepted. An article normally appears in publication about one year after submission.

Editor DeGraffenreid reported the need for a more structured process for monographs. Publications Committee Chair Hohn noted that the Oxford University Press editor who handled IAMG monographs has retired. Secretary Gotway Crawford wondered if we could advertise in advance the titles of the monographs that are forthcoming. Editor DeGraffenreid was concerned that the monograph may not appear by the date we advertise.

Publications Committee Chair Hohn stated that the committee is looking for regional editors.

Councilor Armstrong asked if we access back numbers of *Computer & Geology* in electronic format. President Bonham-Carter replied in the affirmative, if one has access to Science Direct. Publications Committee Chair Hohn offered to talk to Kluwer about making *Mathematical Geology* available on the web also.

Editor DeGraffenreid noted that both assistant editors (of the monograph series) are present.

Heinz Burger noted the problem of lack of submissions. Councilor Jones suggested that we could solicit input through the newsletter, enumerating the benefits of publishing in the monograph series. Editor DeGraffenreid thought that the primary benefit might be the discount that Oxford Univ. Press gives to authors. The advertising (from Oxford Univ. Press) says nothing about this book being part of the IAMG monograph series. Publications Chair Hohn suggested that the monograph series books be advertised in the newsletter.

Publications Committee Chair Hohn noted that while he was Editor-in-Chief, he received invaluable assistance from Judy Sparks, the secretary. The Council voted unanimously in favor of sending a certificate of appreciation to Judy Sparks.

Awards Committee Chair Pawlowsky-Glahn asked how to get *Mathematical Geology* listed in *Mathematical Review*. Some issues are listed, while others are not. IAMG 2002 Organizer Burger answered that, at least for German reviews, one person is responsible for surveying the literature for articles on a specific topic. If no article fits that category, the publication does not appear. He offered to find out the person responsible for such surveys in Germany. Editor Sharp offered to look into the possibility of sending *Mathematical Geology* to *Mathematical Review*. President Bonham-Carter suggested that Publications Committee Chair Hohn lead this effort including Ed Sharp and Heinz Burger.

Past President Olea asked about the likelihood that Plenum (publishers) will continue to publish *NRR*. President Bonham-Carter noted that originally, Plenum said they would give it 3-5 years. We are now in year 3. Past President Olea noted that we have only 100 subscriptions to *NRR*. We need 300 library subscriptions in order to get royalties. President Bonham-Carter suggested that our only hope is to bundle *NRR* with *Mathematical Geology* in electronic format.

Webmaster Report (copy distributed to attendees)

Webmaster Grunsky reported that we have had an increasing number of hits on our web site. Because the site is hosted on multiple computers, we do not always get consistent data about hits and downloads. These account for the gaps on the graph he distributed. He noted that maintenance and security of the site are continuing problems. President Bonham-Carter noted that Natural Resources Canada hosts the IAMG web site for free, but this also confounds the liaison when changes are necessary.

Treasurer Bohling suggested that the option of not being listed on the web site should be more prominent on the membership form.

Webmaster Grunsky noted that he is still planning a listserv. Editor Sharp suggested that perhaps we could use JISC, which operates a bulletin board for academic purposes. President Bonham-Carter noted that John Whalley offered to run a bulletin board for *Computers & Geology*, but also noted that we do not want to launch something that fizzles.

Webmaster Grunsky reported that the silver CDs have been distributed. We will try to sell them first, then put the content on the web site. He also asked for more input on managing the site.

Councilor Kouda suggested having a site in Asia. This could speed access and reduce the costs for Asian (IAMG) members.

Newsletter Report (copy distributed to attendees)

Newsletter Editor Poelchau suggested that we should offer members the option of receiving electronic or printed versions of the newsletter. President Bonham-Carter proposed making electronic receipt the default. Newsletter Editor Poelchau noted that Portable Document Format (pdf) will be the default for electronic copies. Webmaster Grunsky offered to include the Adobe Acrobat download link on the web site to insure members can receive pdf files.

2002 Organizing Committee Report

IAMG 2002 Organizer Burger reported that the Web site for the 2002 conference in Berlin should be up soon. The conference will be held at Free University. There will be two invited papers on teaching through the internet. There will be as many as four parallel tracks, and there are already 22 sessions and 5-6 workshops planned. German groups will subsidize participation by Eastern European attendees. He asked that we please advertise the meeting to our professional contacts.

Newsletter Editor Poelchau was concerned that posters are not given much consideration at most conferences. IAMG 2002 Organizer Burger plans a 5-minute presentation for each poster, and the posters will be compiled into a printed abstract volume, while the papers will be put on a CD.

Councilor Jones stated that he prefers printed volumes of the papers, since he often scans the papers to decide which sessions to attend, even if this would mean an extra cost.

Councilor Armstrong recalled a 1990 fisheries conference where a ringmaster of sorts would give an overview of the posters as you entered the poster display area. Treasurer Bohling suggested that serving refreshments at the poster sessions would be an added incentive to attend. 2001 Technical Advisor Davis thought this might be expensive and that such monies would be better spent keeping registration fees as inexpensive as possible to encourage attendance by people from the Third World as was done for the 2001 conference.

President Bonham-Carter asked Organizer Burger to consider this discussion as he continues to plan next year's conference.

New Business

Retired member category (report distributed to attendees)

Councilor Jones again proposed the idea of a category for retired members, who could retain their membership for a minimal cost without receiving the journal. This was proposed at the Ischia Conference (1998) but not followed through. He premised his proposal on the condition that there be no added bureaucracy to implement it. Retired members would continue to receive the newsletter and retain voting privileges. Councilor Armstrong thought a retired member fee of \$5 would cost more than \$5 to process.

Treasurer Bohling noted that IAMG essentially has no dues. All membership fees go to the publishers and credit card processors. A retired member program could be an ironic source of profit. IAMG 2001 Technical Advisor Davis reviewed the past membership structure, noting that when membership was tied to journal subscription, IAMG began to grow.

Councilor Jones noted that this would require a change to the by-laws and proposed the formation of a committee to investigate the potential for this new category. President Bonham-Carter agreed to pursue this.

Membership committee

President Bonham-Carter stated that he would like to have objectives for the membership committee. It needs more focus.

Membership Committee Past Chair Harff stated that he had spent eight years on the membership committee. He tried to get a membership coordinator for each country with more than four members, but this didn't work. So, he developed an emergency action plan with managers for regions, such as Asia. This led to a membership increase of 10% per year. He recommended:

- Designating representatives for clusters of nations (e.g., Eastern Europe, Southeast Asia)
- Focusing on scientific youth, perhaps a separate representative for this category
- Forming alliances with other organizations
- Offering a home to people who have no organization, such as database modelers.

President Bonham-Carter noted that the problem is implementation of the action plan. Membership Committee Past Chair Harff suggested that we first find members willing to serve.

President Bonham-Carter emphasized that the Council should pursue this issue.

Upcoming Russian conference (report distributed to attendees)

Jan Harff announced an upcoming conference (21-27 April 2002) that will be based in Kaliningrad (Russia) with meetings at several cities around the Baltic Sea. He proposed that IAMG serve as a co-organizer and financial supporter. One feature of the conference would be a one-day trip aboard a Russian oceanographic research vessel, which would cost \$6,000.

President Bonham-Cater asked for an e-mail with a formal request and the relevant Russian documents attached. Newsletter Editor Poelchau asked for the same information for the Newsletter.

Commercial aspects of IAMG 2001

Councilor Jones objected to ESRI's commercial presence, especially during the Monday sessions. He suggested that perhaps we should incorporate some statements about commercial representation into the guidelines for the organizing committees. Webmaster Grunsky thought that sponsored receptions were common at such meetings. Secretary Gotway Crawford emphasized a distinction where commercial firms often sponsor receptions or booths or meals,

but they do have their representatives speak at plenary sessions or stage events that compete or interfere with scheduled sessions.

Councilor Jones suggested this issue should be discussed by the Council members. President Bonham-Carter noted that due to the time, this issue would be discussed later.

Council meeting adjourned at approximately 11:00 p.m.

Documents Attached:

Vice President's Report

Secretary General's Report

Treasurer's Report

Student Grants Committee Report

Publications Committee Report

- *Natural Resources Research*

- *Mathematical Geology*

- *Computers & Geosciences*

- *IAMG Studies in Mathematical Geology*

Webmaster's Report

Newsletter Editor's Report

Proposal on Retired Membership Status

Awards Committee Report

Vice President's Report

IAMG 2001 – Cancún, September 2001
Frits Agterberg

The duties of the IAMG Vice President include maintaining and promoting contacts with statistical societies, especially the International Statistical Institute (ISI) and the American Statistical Association (ASA).

During the 53rd Session of the ISI in Seoul, Korea, an Invited Paper Meeting (IPM 79) was held on August 23, 2001 on the topic "Extreme Value Distributions in Geology (International Association for Mathematical Geology)." The program consisted of:

0. Introduction (Frits Agterberg, Canada)
1. Scaling Stratigraphic Events Using Extreme Occurrences (Vera Pawlowsky-Glahn, Spain; co-authored by Juan-José Ecozcue)
2. Geo-Anomaly: The Extreme Value in Geology and Its Application in Quantitative Assessment of Mineral Resources (Zhao Pengda, China; co-authored by Chen Yongqing)
3. Decomposition of Geochemical Map Patterns Using Scaling Properties to Separate Anomalies from Background (Qiuming Cheng, Canada).

Twenty-one scientists attended the meeting. This represented approximately 1% of the total number of the Seoul ISI participants. The Invited Papers (1-3) have been published in the *Bulletin of the International Statistical Institute*, Tome LIX, Book 2, pp.471-484. Prof. Jef Teugels (Belgium) was Invited Discussant. Comments by Invited Discussants will be published in the *ISI Bulletin* in the near future.

The IAMG has been invited to organize, as a Guest Society, an invited paper meeting at the 54th Session of the ISI to be held in Berlin, Germany, August 13-20, 2003. On the Preliminary List of Invited Paper Meetings drafted during the Seoul ISI Session, this proposed joint meeting is entitled: IPM 77 "Recent Statistical Advances in Geological and Environmental Applications".

According to our Statutes, the IAMG shall be affiliated with the ISI as well as with two other large organizations (IUGS and AAPG). Suggestions to the IAMG by ISI Members in Seoul included: (a) to make IAMG 2003 to be held in Portsmouth, U.K. (shortly after the Berlin ISI), a Satellite Meeting of the Berlin ISI, and (b) to organize a Short Course or Workshop immediately before the Berlin ISI Session. The benefit of one or both of these actions would be to increase our degree of co-operation with professional statisticians.

During May 2001, the IAMG was invited to participate in a competition for an Invited Paper Session during the Joint Statistical Meetings (JSM) to be held in New York City, August 11-15, 2002. Recently, the ASA organizers of JSM 2002 have accepted our proposal to hold an IAMG sponsored Invited Paper Session on the topic "Recent Developments in Geostatistics." Carol Gotway Crawford will chair this event. The Invited Speakers and tentative topics are:

1. André G. Journel, Professor of Earth Sciences, Stanford University, California: "Multiple-point Geostatistics - A New Challenge"

2. George Christakos, Professor & Director, Center for the Advanced Study of the Environment, University of North Carolina, Chapel Hill: "Developments in Spatiotemporal Geostatistics"
3. Timothy C. Haas, Associate Professor, School of Business, University of Wisconsin - Milwaukee: "Nonlinear Geostatistics via Monte Carlo Methods on a JavaSpaces Distributed Computer"
4. Noel Cressie, Professor, Department of Statistics, The Ohio State University, Columbus, Ohio: "New Directions of Geostatistics".

IAMG Secretary General's Report

IAMG 2001 Cancun
Prepared August 20, 2001
Carol A. Gotway Crawford

In November 2000, I submitted an annual report of IAMG's activities to the International Union of Geological Sciences (IUGS). The IUGS is one of the world's largest non-governmental organizations. IAMG is one of many organizations affiliated with the IUGS. As an affiliated organization, IAMG was asked to prepare an annual report.

As part of this annual report, IAMG requested a grant of \$5,000 U.S. for travel expenses of five participants from the Soviet Union or under-developed countries to attend IAMG 2001, Cancun. In May 2001, I received a letter from IUGS thanking IAMG for its annual report and denying our grant request.

At the time I was preparing the annual report to IUGS, I received information from IUGS about a grant program through the ICSU (International Council for Science). The goal of this grant program is to promote international scientific and technological activities that contribute to the benefit and well being of society. There is potentially a large amount of money available from this grant program. Grant applications cannot be submitted to ICSU directly, but must be submitted by a member of the ICSU family, in this case through IUGS. The information about this grant program came to us rather late and the application forms were confusing.

Nevertheless, in consultation with IAMG's officers and Past President, I did submit a proposal to ICSU through IUGS asking for \$11,000 to sponsor scientists from developing and economically disadvantaged countries to attend IAMG's 2002 annual meeting in Berlin, Germany. I have not heard anything regarding the status of this proposal.

IAMG may want to think more about the nature of future grant proposals to ICSU. These proposals could be used to request funding for scientists from third world countries to attend IAMG meetings, for our Distinguished Lecture Series, or perhaps for our student grants program. IAMG President Bonham-Carter might want to consider appointing a small committee to look more carefully into the grant application process and solicit ideas from the Council for funding requests.

Geoff Bohling
Sept. 4, 2001

Treasurer's report, IAMG 2001

First of all, I must acknowledge the generous help of my wife, Gwen Bohling, who has done a great deal of the "treasuring" work this summer. She has spent a lot of time communicating with people at banks and investment companies, getting the association's investments transferred from Dan Tetzlaff's care to mine, and she also took the lead in dealing with the accounting firm that has reviewed the IAMG's financial statements for 2000 and prepared our 2000 tax forms.

The firm of Lowenthal, Singleton, Webb, & Wilson in Lawrence, KS, has just completed a review of the IAMG's financial statements for 2000 and have completed the year 2000 tax forms. (The forms were due in May, but we have filed extensions.) LSWW's report is attached.

The IAMG's investments have held in funds and accounts managed by SalomonSmithBarney, the Banc of America, and the Bank of New York. As of August 2001, our Bank of New York funds (GNMA funds) were worth a total of \$5524.82, and were really more hassle than they were worth. With much perseverance on Gwen's part, we have finally managed to liquidate these funds, depositing the money in the IAMG checking account at Firststar Bank in Lawrence.

As of the end of July, the total value of the funds managed by SalomonSmithBarney was \$99,465.00 and the total value of the Banc of America funds was \$469,101.60. Copies of the latest statements from both of these firms are included. We are attempting to get the funds managed by the Banc of America (in Houston) transferred to the care of Firststar Bank here in Lawrence, but still have not completed that process.

At the beginning of August I transferred \$10,000 from Banc of America money market funds to the association's checking account. The balance in the checking account was running low, primarily because we had not yet received our royalties from Elsevier for year 2000 non-member subscriptions to Computers & Geosciences – the association's single largest source of income. I have just recently contacted Karel Nederveen at Elsevier about this and should soon be receiving the royalty check (\$42,695.78 for 394 institutional subscriptions). In January we received \$14,541.03 in royalties from Kluwer/Plenum for 287 non-member subscriptions to Mathematical Geology.

I have just completed processing the eighth batch of 2001 membership applications and the number of current members now stands at 555. At the end of 2000 we had 583 members and we had 565 members as of last year's "batch 8", which I assume was also submitted around the end of August. Currently, the number of member subscriptions to each journal is 423 for Mathematical Geology, 283 for Computers & Geosciences, and 88 for Natural Resources Research. For comparison, there were 434 member subscriptions to MG, 296 to C&G, and 95 to NRR at the end of 2000.

**INTERNATIONAL ASSOCIATION
FOR MATHEMATICAL GEOLOGY**

Financial Statements

For the years ended December 31, 2000 and 1999

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOLOGY

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**LOWENTHAL SINGLETON WEBB & WILSON
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ACCOUNTANT'S REVIEW REPORT

Officers and Council
International Association for Mathematical Geology

We have reviewed the accompanying statements of assets, liabilities and net assets - cash basis of International Association for Mathematical Geology (a not-for-profit association) as of December 31, 2000, and the related statements of revenues collected, expenses paid and changes in net assets - cash basis for the year then ended, in accordance with Statements on Standards for Accounting and Review Services issued by the American Institute of Certified Public Accountants. All information included in these financial statements is the representation of the Association's management.

A review consists principally of inquiries of Association personnel and analytical procedures applied to financial data. It is substantially less in scope than an audit in accordance with auditing standards generally accepted in the United States of America, the objective of which is the expression of an opinion regarding the financial statements taken as a whole. Accordingly, we do not express such an opinion.

Based on our review, we are not aware of any material modifications that should be made to the accompanying financial statements in order for them to be in conformity with the cash basis of accounting as described in Note 1.

The December 31, 1999 financial statements of International Association for Mathematical Geology were reviewed by other accountants, whose report dated May 15, 2000, stated that they were not aware of any material modifications that should be made to those statements in order for them to be in conformity with accounting principles generally accepted in the United States of America.

Lowenthal, Singleton, Webb & Wilson

Professional Association

August 21, 2001

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOLOGY

STATEMENT OF ASSETS, LIABILITIES AND NET ASSETS - CASH BASIS
As of December 31, 2000 and 1999

ASSETS

	<u>2000</u>	<u>1999</u>
CURRENT ASSETS		
Cash and cash equivalents	\$ 56,105	\$ 86,522
INVESTMENTS	<u>533,291</u>	<u>456,707</u>
Total Assets	<u>\$ 589,396</u>	<u>\$ 543,229</u>

NET ASSETS

NET ASSETS		
Unrestricted	<u>589,396</u>	<u>543,229</u>
Total Net Assets	<u>\$ 589,396</u>	<u>\$ 543,229</u>

See accompanying notes to the financial statements
and accountant's review report.

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOLOGY

**STATEMENT OF REVENUES COLLECTED, EXPENSES PAID
AND CHANGES IN NET ASSETS - CASH BASIS**
For the Years Ended December 31, 2000 and 1999

	2000	1999
REVENUES		
Membership and subscriptions	\$ 37,038	\$ 49,225
Royalties	56,311	61,232
Contributions	-	15,900
Investment return	21,133	14,556
Annual meetings - net	-	8,504
Other income	25	1,708
Total Revenues	<u>114,507</u>	<u>151,125</u>
EXPENSES		
Member and publication	50,318	57,266
Grants and awards	1,188	5,251
Conferences and meetings	12,005	34,874
Website and computer	774	6,806
Accounting	1,400	1,200
Contracted Services	879	720
Investment Expense	1,776	1,829
Total Expenses	<u>68,340</u>	<u>107,946</u>
CHANGES IN NET ASSETS	46,167	43,179
NET ASSETS, beginning	<u>543,229</u>	<u>500,050</u>
NET ASSETS, ending	<u>\$ 589,396</u>	<u>\$ 543,229</u>

See accompanying notes to the financial statements
and accountant's review report.

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOLOGY

NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2000 and 1999

Note 1 - Summary of Significant Accounting Policies

The accounting policies described below have been followed on a consistent basis.

Nature of Activities

International Association for Mathematical Geology is a not-for-profit organization established on August 22, 1968 to promote international cooperation in the application and use of mathematics in geological research and technology.

Basis of Accounting

The Association prepares its financial statements on the cash basis method of accounting. Under this basis, revenues are recognized when collected rather than when earned, and expenses are generally recognized when paid rather than when the obligation is incurred.

The Association has used accounting principles generally accepted in the United States of America in recording the unrealized gains and losses on marketable equity securities.

Basis of Presentation

The Association reports information regarding its financial position and activities according to three classes of net assets; unrestricted net assets, temporarily restricted net assets, and permanently restricted net assets.

Use of Estimates

The preparation of financial statements requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

Cash Equivalents

The Association considers all highly liquid debt instruments with a maturity of three months or less to be cash equivalents.

Investments

The Association invests in marketable securities with readily determinable fair values and all investments in debt securities are reported at their fair values in the statement of financial position. Unrealized gains and losses are included in the change in net assets.

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOLOGY

NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2000 and 1999

Note 1 - Summary of Significant Accounting Policies (Continued)

Contributions

Contributions received by the Association are recorded as unrestricted, temporarily restricted, or permanently restricted support depending on the existence or nature of any donor restrictions.

As of the financial statement date, there are no contributions on which restrictions, permanent or temporary, have been imposed.

Income Taxes

The organization is exempt from federal income tax under section 501(c)(3) of the Internal Revenue Code and from state income tax under applicable state law.

Note 2 - Investments

The Association's investments consist of marketable securities that are valued at fair market value. Investments are presented in the financial statements in the aggregate.

	<u>December 31, 2000</u>		<u>December 31, 1999</u>	
	<u>Cost</u>	<u>Market</u>	<u>Cost</u>	<u>Market</u>
Unit Investment Trusts	\$ 48,534	\$ 45,206	\$ 61,332	\$ 57,191
Government and Gov't Backed Securities	110,931	139,543	133,851	150,770
Mutual Funds	<u>373,328</u>	<u>348,542</u>	<u>250,257</u>	<u>248,746</u>
	<u>\$ 532,793</u>	<u>\$ 533,291</u>	<u>\$ 445,440</u>	<u>\$ 456,707</u>

The following schedule summarizes the investment return and its classification in the statement of activities for the years ended:

	<u>December 31, 2000</u>	<u>December 31, 1999</u>
Interest income	\$ 186	\$ 274
Dividend income	28,637	22,152
Unrealized gains [losses]	[10,770]	[7,870]
Realized gains [losses]	<u>3,080</u>	<u>-</u>
Total investment return	<u>\$ 21,133</u>	<u>\$ 14,556</u>

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOLOGY

NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2000 and 1999

Note 3 - Concentration of Credit Risk

Financial accounting standards require disclosure of information about financial instruments with off balance sheet risk and financial instruments with concentrations of credit risk.

Financial instruments which potentially subject the Association to concentrations of credit risk consist principally of cash and cash equivalents. The Association places its cash and cash equivalents with financial institutions and investment brokers. The Association does not have any bank depository accounts with balances in excess of FDIC depository insurance coverage. Investments with investment brokers are not covered by FDIC depository insurance coverage and are, therefore, exposed to credit risk to the extent of the cash and cash equivalents deposited in these accounts. The Association's credit exposure was \$27,216 and \$31,580 as of December 31, 2000 and 1999, respectively.

Note 4 - Presentation of December 31, 1999 Financial Statements

There were changes in the presentation of the December 31, 1999 financial statements to conform with the presentation of the December 31, 2000 financial statements.

SALOMON SMITH BARNEY

A member of citigroup

Client Statement

July 1 - July 29, 2001

628G0101008855000003363 301208AD01 PCAF0092A

INT ASSC MATMTCL GLGY

DANIEL M. TETZLAFF TREASURER

P.O. BOX 820050

HOUSTON TX 77282-0050

||||||||||||||||||||||||||||||||||||||

Branch: 800-455-6622

SALOMON SMITH BARNEY INC.

Account number 628-08855-15 010

Your Financial Consultant

CHARLIE COOPER

7272 WISCONSIN AVE

4TH FLOOR

BETHESDA MD 20814

301-657-6317

Account value

	Last period	This period	%
Cash balance	\$ 296.05	\$ 296.05	.30
Money funds	7,712.80	8,246.28	8.29
Accrued money fund dividends	16.40	10.53	.01
Mutual funds	50,396.03	50,590.89	50.86
Unit investment trusts	40,190.12	40,321.25	40.54
Net value	\$ 98,581.40	\$ 98,465.00	-1.00

Earnings summary

	This period	This year	
	Taxable	Non-taxable	
Interest	\$ 209.80	\$ 1,471.24	\$ 0.00
Dividends	296.05	2,072.35	0.00
Money funds earnings	27.63	155.58	0.00
Total	\$ 533.48	\$ 3,699.17	\$ 0.00

Gain/Loss summary

	This period	This year
Unrealized gain or (loss)	(\$ 8,709.72)	Not applicable

Client Statement
July 1 - July 29, 2001

INT ASSC MATMCL GLGY Account number 628-08855-15 010

Cash, Money funds and Bank deposits

	This period	Year-to-date
Opening balance	\$ 8,008.85	
Interest credited	209.80	780.97
Dividends credited	296.05	96,935.85
Money funds earnings reinvested	27.63	0.00
Closing balance	\$ 8,542.33	

Opening value of securities	98,285.35	96,154.88
+ Opening cash balance	296.05	780.97
= Opening portfolio balance	98,581.40	96,935.85
Securities deposited/withdrawn net	0.00	0.00
Capital deposited/withdrawn net	0.00	0.00
Adjusted opening value	98,581.40	96,935.85
Closing value of securities	99,168.95	99,168.95
+ Closing cash balance	296.05	296.05
= Closing portfolio value	99,465.00	99,465.00

Note: Securities deposited/withdrawn net = The value of securities on the day they were debited from or credited to the account as reflected in the "Other security activity" section.
Capital deposited/withdrawn net = Cash withdrawals and deposits, credit card payments, FMA Card activity, checks written, and Money funds/Insured Deposit Account™ transfers.

Portfolio details

The values of your holdings are as of 07/27/01. Please note unrealized gain/(loss) is being prepared for informational purposes only and should not be used for tax preparation without the assistance of your tax advisor.

Money funds	Number of shares	Description	Current value	Accrued dividends	Annualized % dividend Yield/Anticipated Income (annualized)	
		SB MONEY FUNDS CASH PORT CL A	\$ 8,246.28	\$ 10.53	3.56%	\$ 283.56
Total money funds			\$ 8,246.28	\$ 10.53		3.55%
						\$ 283.56

Mutual funds
Yield is the current distribution annualized, divided by the fund's net asset value at the end of the statement period. Distributions may consist of income, capital gains or the return of capital. Distributions for funds not sponsored by Salomon Smith Barney are based upon information provided by an outside vendor and are not verified by Salomon Smith Barney.

Number of shares	Description	Date acquired	Cost	Share cost	Current share price	Current value	Unrealized gain/(loss)	Yield/Anticipated Income (annualized)
2,088.39	SMITH BARNEY DIVERSIFIED	12/09/97	\$ 16,728.00	\$ 8.01	\$ 6.75	\$ 14,096.63	(\$ 2,631.37)	LT
1,257.066	STRATEGIC INCOME FUND CL. B	09/07/99	9,340.00	7.43	6.75	8,485.20	(854.80)	LT
1,776.775		10/20/99	13,112.60	7.38	6.75	11,993.23	(1,119.37)	LT
2,372.715		04/27/00	17,131.00	7.22	6.75	16,015.83	(1,115.17)	LT
7,484.946			56,311.60	7.513	50,580.89	(5,720.71)	7.02	3,551.48
Total mutual funds (Tax based)			\$ 56,311.60		\$ 50,580.89	\$ 0.00	ST	7.01
						(\$ 5,720.71)	LT	\$ 3,551.48

SALOMONSMITHBARNEY

Client Statement

July 1 - July 29, 2001

Ref: 00003363 00019467

*Holders of certain Unit Investment Trusts will be missing their cost basis due to re-calculations necessary to report potential capital gains/losses.
If you have any questions, please contact your Financial Consultant.*

INT ASSC MATMTCL GLCY **Account number 628-08855-15 010**

Unit Investment trusts	Number of units	Description	Date acquired	Cost	Share cost	Current share price	Current value	Unrealized gain/(loss)	Average % Yield/Anticipated Income (annualized)
	65,563	UNITS GOVT SEC'S INCOME FD U S TREAS SER 17 MONTHLY PMT	1/12/93	\$ 43,310.26	\$ 1.06	\$.615	\$ 40,321.25	(\$ 2,989.01) LT	6.341 %
Total unit investment trusts				\$ 43,310.26			\$ 40,321.25	\$ 0.00 ST	\$ 2,556.96
Total portfolio value				\$ 107,868.14			\$ 98,158.42	\$ 0.00 ST	8.45
								(\$ 8,708.72) LT	\$ 6,402.00

Transaction details

Opening money funds balance			\$ 7,712.80	<i>All transactions are traded at \$1.00 per share.</i>
Date	Activity	Description	Amount	
07/27/01	Autoinvest	SB MONEY FUNDS CASH PORT CL A	286.05	
		MONEY FUNDS EARNINGS REINVESTED <i>(SEE DETAILS UNDER EARNINGS DETAILS)</i>	27.63	
		Closing balance	\$ 8,246.28	

Earnings details *The tax status of earnings is reliable to the best of our knowledge. Taxable and non-taxable designations refer to the federal income tax status of your securities, not of your account.*

Interest credited	Date	Description	Comment	Taxable	Non-taxable	Amount
	07/25/01	UNITS GOVT SEC'S INCOME FD U S TREAS SER 17 MONTHLY PMT	REG INT ON 65563 UNITS	\$ 209.80		\$ 209.80
				\$ 209.80	\$ 0.00	\$ 209.80
Total interest earned						
Dividends	Date	Description	Comment	Taxable	Non-taxable	Amount
	07/27/01	SMITH BARNEY DIVERSIFIED STRATEGIC INCOME FUND CL B	RECORD 07/24/01 PAY 07/27/01	\$ 296.05		\$ 296.05
Total dividends earned				\$ 296.05	\$ 0.00	\$ 296.05
Money funds earnings	Date	Description	Comment	Taxable	Non-taxable	Amount
	07/13/01	SB MONEY FUNDS CASH PORT CL A	REINVESTED FOR PERIOD 06/11/01-07/15/01 35 DAYS AVERAGE YIELD 3.75 %.	\$ 27.63		\$ 27.63
Total earnings from money funds				\$ 27.63	\$ 0.00	\$ 27.63

1010731 0290 007222321
BANC OF AMERICA
INVESTMENT SERVICES, INC.
SUPERVISORY OFFICE
700 LOUISIANA STREET 7TH FLOOR
TX4-213-07-01
HOUSTON, TX 77002

Banc of America Investment Services, Inc.™

Account Statement July 01, 2001 through July 31, 2001

Account Number: W23-674567

INVESTMENT CONSULTANT DARRELL BROOKS

For Questions Call:
Supervisory Office 713 247 6852
Call Center 800 822 2222

RR Number 606

Investment products offered by Banc of America Investment Services, Inc. are:

NOT FDIC INSURED	MAY LOSE VALUE	NO BANK GUARANTEE
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Banc of America Investment Services, Inc. is a registered broker-dealer and member NASD.

Account Valuation

	This Period	Last Period
Cash/Cash Equivalents		
Money Markets.....	27,444.09	27,365.69
Fixed Income		
U.S.Treasury/Agency Securities.....	146,666.75	144,482.26
Mutual Funds		
Fixed Income.....	294,990.76	283,383.40
Total Assets	469,101.60	465,231.35

Portfolio Allocation

Portfolio Allocation on July 31, 2001



See last page for important information about your brokerage account and this statement.

Account Statement July 01, 2001 through July 31, 2001
See last page for important information about your brokerage account and this statement.

Customer Name: INTL ASSC

Account Number: W23-674567

INVESTMENT CONSULTANT
DARRELL BROOKS

Banc of America Investment Services, Inc.™

LOOK FOR YOUR IMPROVED BROKERAGE ACCOUNT STATEMENT NEXT MONTH. WE'VE ENHANCED THE FORMAT SO THAT IT IS MORE CONCISE, BETTER ORGANIZED AND EASIER TO READ. YOU'LL NOTICE IMPROVEMENTS INCLUDING A QUARTERLY PERFORMANCE BAR GRAPH AND 3 DISTINCT SECTIONS THAT ALLOW YOU TO CHOOSE THE AMOUNT OF ACCOUNT INFORMATION YOU WANT AT A GLANCE. YOUR UPCOMING STATEMENT WILL CONTAIN A REFERENCE GUIDE TO HELP YOU NAVIGATE THE CHANGES.

Important Information

Activity Summary

	Debits	Credits
Beginning Balance.....	.00	.00
Total Securities Purchased.....	1,712.98	.00
Income Received.....	.00	.00
Ending Balance.....	.00	.00

Income Summary

	This Period	Year-To-Date
Taxable Dividends.....	1,712.98	13,469.60
Long Term Capital Gain.....	.00	287.91
Short Term Capital Gain.....	.00	374.29
Total Taxable Income.....	1,712.98	14,131.80
Total Income.....	1,712.98	14,131.80

Cash Account Activity

Settlement Date	Transaction	Description	Quantity	Transaction Amount DR/CR
		** Opening Balance ***		.00 CR
06-29-01	REINVESTMENT	NATIONS BOND FUND INVESTOR B REINVESTED @ \$9.65	27.163	262.12 DR
06-29-01	DIVIDEND RECEIVED	NATIONS BOND FUND INVESTOR B		262.12 CR
07-25-01	REINVESTMENT	VAN KAMPEN SENIOR FLOATING RATE CLC REINVESTED @ \$.48	161.847	1,372.46 DR
07-25-01	DIVIDEND RECEIVED	VAN KAMPEN SENIOR FLOATING RATE CLC		1,372.46 CR
07-30-01	REINVESTMENT	NATIONS PRIME INV DAILY SHS NET DIV REINVEST	78.4	78.40 DR

Banc of America Investment Services, Inc.TM

Account Statement July 01, 2001 through July 31, 2001

See last page for important information about your brokerage account and this statement.

Customer Name: INTL ASSC
Account Number: W23-674567

INVESTMENT CONSULTANT
DARRELL BROOKS

Account Activity

Cash Account Activity

Settlement Date	Description	Quantity	Transaction Type	Amount
07-30-01	NATIONS PRIME INV DAILY SHS DIVIDEND RECEIVED			78.40 CR
	*** Closing Balance ***			.00 CR

INVESTMENT PRODUCTS OFFERED BY BANC OF AMERICA INVESTMENT SERVICES, INC. ARE NOT INSURED BY THE FEDERAL DEPOSIT INSURANCE CORPORATION (FDIC); ARE NOT DEPOSITS OR OTHER OBLIGATIONS OF, GUARANTEED OR ENDORSED BY ANY BANK; AND INVOLVE INVESTMENT RISK, INCLUDING POSSIBLE LOSS OF THE PRINCIPAL INVESTED.

Portfolio Detail

Cash/Cash Equivalents (5.9 %)

Account Type	Description	Symbol	Quantity	Price on 07/31/01	Market Value
CASH	NATIONS PRIME INV DAILY SHS	NPDXX	27,444.09	1.00	27,444.09
	7 DAY AVG NET YIELD 3.20%	638581660		** Cash Total **	27,444.09

Fixed Income (31.2 %)

Account Type	Description	Symbol	Quantity	Estimated Price on 07/31/01	Estimated Market Value
U.S. Treasury/Agency Securities					
CASH	U S TREAS NT STRIPPED PRIN PMT 7.50% 11/15/2001	912820BC0	29,000	98.982	28,704.78
CASH	U S TREAS STRIPPED GENERIC TINT PMT DUE 11/15/2002	912833FR6	22,000	95.896	21,097.12
CASH	U S TREAS SEC STRIP INT PMT GENERIC TINT 11/15/2003	912833FT2	23,000	92.057	21,173.11

Account Statement July 01, 2001 through July 31, 2001

See last page for important information about your brokerage account and this statement.

Customer Name: INTL ASSC
Account Number: W23-674567

INVESTMENT CONSULTANT
DARRELL BROOKS

Banc of America Investment Services, Inc.TM

Portfolio Detail

Fixed Income (31.2 %)

Account Type	Description	Quantity	Estimated Price on 07/31/01	Estimated Market Value
CASH	U.S. TREAS SEC STRPPD GENERIC TINT PMT DUE 11/15/2004	912833FV77	87,000	87,002 75,691.74
** Fixed Income Total **				146,666.75

*** For an explanation of fixed income pricing, please see the back of the statement ***

Mutual Funds (62.9 %)

Account Type	Description	Symbol Cusip Div Option	Quantity	Price on 07/31/01	Market Value
CASH	NATIONS BOND FUND INVESTOR B	NSFNX 638582767 Reinv	6,263.125	9.82	61,503.89
CASH	VAN KAMPEN SENIOR FLOATING RATE CL C	VKSFR 920960101 Reinv	27,501.398	8.49	233,486.87
** Mutual Funds Total **					294,990.76
**** Total Assets ****					469,101.60

END OF STATEMENT

**Report
Student Grants Committee
2001 IAMG Annual Meeting, Cancun**

The new Student Grants Committee began its work in earnest in August of this year, with the formal appointment of the committee members. The committee consists of:

Tim Coburn, Abilene Christian University, USA (Chair)
Fred Delay, University of Poitiers, France
Peter Atkinson, Southampton University, United Kingdom
Clayton Deutsch, University of Alberta, Canada
John Butler, University of Houston, USA
Graeme Bonham-Carter, Natural Resources Canada, Canada (ex officio)

The committee is in the process of reviewing, and becoming familiar with, the guidelines for student grants (and approved by Council on July 21, 2000) currently published on the IAMG web site. Several questions have arisen which have been forwarded to Council for clarification.

The committee is also in the process of compiling a master of list of individuals to whom notification of availability of the grants can be sent. An email campaign is planned for Fall 2001 to solicit proposals. Other recruitment activities may also be initiated.

The committee intends to begin reviewing proposals late in 2001, in hopes of making an initial award early in 2002.

Respectfully submitted,

Timothy C. Coburn

Publications Committee Report
September 2001

Natural Resources Research

Thirty-four papers were submitted in 2000 and four issues of NRR (volume 9) were published with 2 special issues; twenty-four papers were published; 3 editorials; and 1 book review. At the start of 2001 only 2 papers were carried over. As of August 2001 another 30 papers had been submitted; 4 have been accepted to be published in volume 10; 7 have been accepted and are being revised; 11 are being processed; and 1 has been rejected. Mike Hohn has forwarded 3 manuscripts deemed better for NRR than JMG and Graeme Bonham-Carter has forwarded 3 submitted to C&G for consideration in NRR. In each of these situations the authors agreed to the change.

The two special issues were NRR 9-2, an issue on water which contained 6 papers; and 9_4 was a selection of papers from the 14th International Conference on Applied Geologic Remote Sensing with Doug Peters, Deputy Editor, as the guest editor. This issue was sponsored by AAPG/EMD. Authors of the papers in volume 9 were from Australia, Azerbaijan, Brazil, Canada, China, France, Greece, India, The Netherlands, New Zealand, Philippines, Russia, Tunisia, UK, and the USA. The subjects ranged from gas hydrates to oil and gas; base metals to water; and land management to risk assessment; case studies and new techniques were presented; and everything between remote sensing and basin analysis were subjects.

The flow of papers is improving and promises to be better in 2001. Reviewers are a problem as with any journal. They are busy and it is inconvenient for them to stop their research for a review. There are several outstanding reviewers for NRR, and they should be noted here for special thanks for doing more than their share; they include: Frits Agterberg, Earl Bardsley, Larry Drew, Andrea Förster, Jack Schuenemeyer, Don Singer, and Marios Sophocleous. I am having trouble getting book reviews and a new book review editor is needed. Bill Szymansky, a holdover from the old Nonrenewable Resources, has a new position and is finding it difficult to commission reviews.

We are getting closer to appearing on schedule. NRR 10-1 and 10-2 (2001) are published; 10-3 is at press; and 10-4 is being collated and should go to press in September. I then will start processing manuscripts for volume 11 in 2002. We are not getting much support from AAPG/EMD and I do not know why. Maybe the subject matter is too close to the AAPG Bulletin to be of interest to them. Doug Peters is trying valiantly to solicit papers from the members and get them to subscribe to the journal. Subscriptions remain a serious problem and every effort should be made to increase the circulation.

I am considering changing some of the editorial board to get more participation and involvement. If each editor just solicited one publishable paper/year, we would have a going concern!

Dan Merriam,
Editor-in-Chief, *NRR*

Mathematical Geology

Publication was on time until the first half of 2001, when problems experienced by the publisher delayed delivery of the first four issues of the year; the problems appear to have been solved by the time issue number five was mailed. As in previous years, time from acceptance of a paper to time of publication is about one year. Attempts have been made in the past year to reduce this time somewhat by asking authors to shorten papers.

The number of papers to be published in 2001 is down a little from previous years:

	1998	1999	2000	2001
Papers	52	46	47	44
Book Reviews	2	8	9	6
Letters to Editor	4	1	3	2
Assoc. Announcements	1	6	1	3
Notes				1
Teacher's Aides				3

The past year has seen a revival of the Teacher's Aides. In addition, a special issue in honor of S.V.L.N. Rao was published early in 2001.

This year has seen the completion of four years as editor-in-chief by Michael Hohn. At midyear, active files were transferred to W. Edwin Sharp, editor-in-chief starting with the first issue of 2002.

Submissions during 2000 totaled 86, out of which 59 were accepted, for an acceptance rate of 51%. Submissions during 2001 appear to be down sharply from previous years, but it might be too early to tell.

The current contract with Plenum/Kluwer expires at the end of 2001 (not 2000 as reported in the minutes of the 2000 general Assembly). The publisher has agreed to extend the contract for a year with a modest increase in cost of the journal to IAMG members. Meanwhile, we will negotiate a new contract. Salient issues for negotiation are cost to members and royalties for printed and internet versions.

Michael E. Hohn,
Deputy Editor, *Mathematical Geology*

Computers & Geosciences

Volume 27 (2001) has appeared in a timely fashion throughout the year. Ten issues, 1261 pages, 112 papers (of which 21 were Short Notes), 11 reviews, 10 Anon columns, 1 letter to the editor, and 60 papers with associated code on the IAMG server. Issues 9 and 10 have both gone to press at the time of writing.

There were 4 special issues in volume 27:

Number 4. Three-dimensional reconstruction, modelling and visualization of geological materials

Guest Editors: R. Marschallinger and S.E. Johnson

Number 6. Numerical Models of Marine Sediment Transport and Deposition

Guest Editor: J.P.M. Syvitski

Number 8. GeoComputation 99

Guest Editors: Judi Ehlen, Russell S. Harmon

Number 9. Geological applications of digital imaging

Guest editors: D. Jongmans, E. Pirard

The policy of having free colour figures if the author supplied colour separations has, unfortunately, been discontinued by Elsevier. Colour figures are now subject to page charges.

The number of papers submitted in 2000 was 185, and this has remained stable at about the same number for a few years. The acceptance rate is therefore about $112/185=61\%$. This figure is approximate because special issue papers have been filtered by guest editors before submission.

Issue 10 contains a CD in a back pocket with all the code ever published by C&G and an accompanying searchable database. This is output of the “Silver CD Project”, a millennium contribution sponsored and paid for jointly by IAMG and Elsevier.

There are currently about a year's worth of papers either in production or at an advanced stage of review and revision.

Graeme Bonham-Carter, Editor-in-Chief,
Computers & Geosciences

IAMG Studies in Mathematical Geology — Jo Anne DeGraffenreid (USA), Editor; Associate Editors: Thomas A. Jones (USA) and Heinz Burger (FRG)

The publication of the first "Studies in Mathematical Geology" (SMG) monograph to appear under the current editorship was accomplished with a good deal of effort and some acrimony, which evidently continued between the author and publishing editor--with no involvement of the IAMG--even after the volume appeared. As reported last year at the IAMG General Assembly (IAMG 2000/IGC, Rio de Janeiro), camera-ready copy for SMG No. 6, MODERN SPATIOTEMPORAL GEOSTATISTICS by George Christakos, was sent to Oxford University Press on 3 April 2000. From that point, the publication process went forward with an extraordinary lack of speed. The 312-page volume did not appear in print until the end of October 2000, a delay that the author found inexcusable and that was particularly unfortunate because the late date precluded the book's adoption by university professors during the fall semester, as Prof. Christakos had hoped.

I was not consulted about the cover design for the book, but presume it must be a "new look" for the new millennium. SMG No. 6 is brown rather than black, as have been previous numbers in the series, and the title, logo, etc. are copper-colored rather than gold. As of 15 August 2001, Oxford had sold 587 copies of SMG No. 6, which is priced at \$60/copy. IAMG members may purchase the book for \$42.00, the Association's usual 30% discount. I note that SMG No. 6 is shown as "out of stock" on Oxford's website: <http://www.oup-usa.org/isbn/0195138953.html> (last updated 31 July 2001).

I received word in May 2001 from Joyce Berry, Executive Editor for Earth Sciences at Oxford, with whom the IAMG has dealt since the inception of the SMG series, that she was retiring as of June 1, 2001. Her successor as acquiring editor for the IAMG series is Oxford Science Editor Susan Lee. Hoping to prevent the misunderstandings and unpleasantness that seemed to plague production of SMG No. 6, I have written to Susan about devising a more structured protocol for submission and handling of IAMG monographs.

The manuscript described in last year's report as undergoing review has had extensive consideration given to technical content, but needs more attention in terms of style and grammar before it's submitted to Oxford. I believe the topic will be of considerable interest to the publisher, and anticipate that there will be no problem with acceptance of the manuscript as SMG No. 7. I plan to send material to Ms. Lee in the next month or so, hoping that she and I will have in place a smoother plan of action for getting monographs through the publication process, and presuming that difficulties faced at present by IAMG members at the Kansas Geological Survey in terms of administrative support are resolved favorably.

Jo Anne DeGraffenreid, Editor
IAMG Studies in Mathematical Geology

Newsletter Editor Report
IAMG2001 – Cancun

The IAMG Newsletter continues to be published at the rate of two issues a year. The most recent issues were #61 in December 2000 and #62 in June 2001. Both ran 16 pages. NL 61 cost \$1120 and was sent to 558 members, NL 62 cost \$2122 mailed to 646. NL62 was more expensive because of large increases in postage, now representing more than half the cost of the Newsletter.

Since I moved to Kansas from Germany we had to revamp the printing and distribution system. The best deal we could find was to let the Printing Services of the University of Kansas handle everything: from the Pagemaker or PDF file that I provide they do the printing, stapling and folding, addressing (using the data base provided by Geoff Bohling, the IAMG treasurer), mail preparation and mailing. Overall, we are pleased with the service, although there have been some glitches with some members apparently not receiving the Newsletter. Of 19 people responding to a (non-representative) survey four claimed to not have received the Newsletter and 2 weren't sure. Five of these responded from Europe or southern continents.

Steve Henley brought up an idea I had mentioned in an earlier Newsletter: why not start internet distribution of the Newsletter instead of relying on snail mail? Perhaps the time has come to try something like the AAPG Bull model. Let members state their preference of hardcopy vs. internet, and notify the latter by e-mail once the latest Newsletter has been uploaded to the IAMG web site. They can then either read the Newsletter on the web site or download the PDF file for printing. Opinions regarding this change would be appreciated.

Harald S. Poelchau
IAMG Newsletter Editor
9/4/01

RETIRED STATUS FOR IAMG MEMBERS

In 1997-98, while IAMG Secretary-General, I received several communications from members asking about the possibility of there being a membership category for retired persons. Treasurer Dan Tetzlaff also received at least one request on this subject. The main issue was that some retired members with limited incomes found the dues requirement to be a burden, but yet they wished to remain in contact with (or active in) the IAMG.

I checked with several other societies, including AAPG, Soc. Petrol. Engin., and Amer. Stat. Assoc. Some organizations had no special status for retirees. Others had a retired status that required being 65 years of age or 25 years membership in the organization, but possibly with no special financial benefit. I have lost the file with the information I gathered, so cannot be more specific.

I brought the issue up at the Council meeting in Ischia, Italy, in 1998. I suggested that the IAMG consider forming a special retired category of membership. The meeting was running late, and so the proposal was assigned to the Membership Committee for study and a later report. No report was made and nothing was heard of the proposal again.

I raise the issue again, with a strawman proposal. Specifically, I propose that the IAMG Council consider making a retired category for membership, but one that could be administered with little or no requirements and bureaucratic effort. The status would require a small charge for dues that would not include a subscription to a journal. The retired member would receive the Newsletter and be eligible to vote in elections. The amount charged for dues should be adequate to cover expected postage for the Newsletter and election ballots; perhaps US\$5.00 or so per year would be appropriate.

I feel that IAMG could benefit from continued interest of retired members. I would hope that such interest could translate into continued participation in IAMG, possibly even including serving on Committees or Commissions. In addition, this special status would provide a helping hand to retired members living in less prosperous countries.

I suggest that a Commission be established to study and report on this suggestion, or that the issue be put on the agenda of the Council Meeting at IAMG'01 for discussion. If it were found feasible and desirable, implementation would require amending the Bylaws.

Thomas A. Jones, IAMG Councilor
10 July 2001

Report from the Awards Committee

After the Council elections last year and in agreement with bye-laws 11 of our association, the Awards Committee has been partially renovated in December 2000. Recall that bye-law 11, as revised November 1999, reads as follows:

The Council, as determined by Article 4 of the Statutes and By-Law 7, shall appoint a committee, known as the Awards Committee, that consists of five members of the Association (with the President acting as chairman ex officio), to seek nominations, select recipients, and announce winners of the William Christian Krumbein Medal, the Felix Chayes Prize for Excellence in Research in Mathematical Petrology, the John Cedric Griffiths Teaching Award, and the Andrei Borisovich Vistelius Research Award. Each member of the Awards Committee shall be appointed for a term of four (4) years, with terms of members overlapping. Members of the Awards Committee shall be ineligible to receive any of the Association's awards while serving on the Committee.

Two members, Heinz Burger (Germany) and John Harbaugh (USA), have left the committee after several years of active participation. John Harbaugh was appointed Chairman of the first Awards Committee November 26, 1997, a position he kept until May 21, 1998, nonetheless staying as regular member of the committee. The rest of the members, including Heinz Burger, were appointed December 8, 1997. They have been substituted by André Journel (USA) and Hugh Rollinson (UK). The 3 remaining members will continue until the IAMG'02 meeting in Berlin. Thus, at the present moment, the Awards Committee members are-in alphabetical order-John Cubitt (UK), John C. Davis (USA), André Journel (USA), Vera Pawlowsky-Glahn (Spain), chair, and Hugh Rollinson (UK), with Graeme Bonham-Carter (Canada), president of IAMG and member ex officio. Heinz Burger has been asked by president Bonham-Carter to take over the chair of the committee after the IAMG'02 meeting in Berlin and has agreed to do so.

Since its appointment, the committee has done its best for a timely call for nominations and selection processes according to all rules and regulations. 2001 is the second year that presentation of awards proceeds as established in the guidelines approved by the IAMG Council in November 1997, last updated in July 1998, and ratified by the General Assembly held in Ischia, Italy, in October of 1998. The 2001 Felix Chayes Prize went to Jim Nicolls (Canada) and the 2001 Andrei Borisovitch Vistelius Award went to Jef Caers (USA). The winners have been made public April 2001 and the presentation of the awards has been scheduled for the IAMG meeting in Cancun, September 2001. Calls for nominations for the 2002 William Christian Krumbein Medal and the 2002 John Cedric Griffiths Award have already been posted in the IAMG Newsletter and will be soon in the web site. Laudatos for the winners have been sent for publication to "Mathematical Geology" (Vistelius Award) and to "Computers & Geosciences" (Chayes Prize), to the organisers of the IAMG meeting and are also posted in the IAMG web page. Awardees are presenting keynote lectures at the IAMG Conference in Cancun, with the presentations published in the Conference Proceedings.

In addition to this year's presentation, the presentation of the 2000 John Cedric Griffiths Award has been also scheduled for the meeting in Cancun, as it was impossible for the winner, Lawrence J. Drew (USA) to attend the IGC meeting in Rio for personal reasons.

Nevertheless, this year election of awardees has not been without problems. In fact, the 2001 Felix Chayes Prize was elected out of a field of 4 candidates, while the winner of the 2001 Andrei Borisovitch Vistelius Award prevailed over only 1 other nominee, even after the

extending the deadline for presentation of nominations by ten weeks until the end of March. This problem is an important one, and has to be faced seriously by the Council. To my understanding, possible reasons for this lack of candidates are that our awards are not yet well known, or that they are not considered to be worthwhile a competition, or that there is a lack of confidence in the fairness of the procedure. In any case, the challenge for the oncoming years remains the same as stated last year: to improve active support to the Committee by IAMG members to increase the number of candidates for each award. Large fields of deserving candidates are the best way to assure meritorious winners and increase the reputation of the awards.

Vera Pawlowsky-Glahn
Chair, IAMG Awards Committee