

## MINUTES OF IAMG 2011 COUNCIL MEETING

**Place:** University of Salzburg, Geological Institute

**Date:** Sunday, September 4, 2011 and 1:30 PM to 5 PM  
and Wednesday, September 7, 8:30AM to 9:00 AM

The Council of the International Association for Mathematical Geosciences held its 2011 annual meeting on Sunday, September 4, 2011 at the University of Salzburg, Geological Institute, in Salzburg, Austria. Because there was initially no quorum for voting, the meeting was continued on Wednesday, September 7, when a quorum was present.

Voting members initially present at the meeting were:

Vera Pawlowsky-Glahn (President)  
Qiuming Cheng (Executive Vice President)  
Jorgina Ross (Treasurer)  
Daniel Tetzlaff (Secretary General)  
Frits Agterberg (past President)

Non-voting Council members present at the meeting were:

Harald Poelchau (editor, Newsletter and Website)

Other individuals present at the meeting were:

Graeme Bonham-Carter (Chair of the Publications Committee and Archivist)  
Maria-Theresia Schafmeister (Chair of the Curriculum Quality Committee)

The meeting was called to order at 1:30 PM.

President Vera Pawlowsky-Glahn delegated the task to moderate the meeting to Secretary General Daniel Tetzlaff and presented the highlights of the President's report (the report's text is presented separately).

Vice President Qiuming Cheng presented the highlights of the Vice President's report (text presented separately).

Secretary General Daniel Tetzlaff referred the attendees to the Secretary General's report (text presented separately).

Treasurer Jorgina Ross presented the highlights of the Treasurer's report and budget (report and budget texts presented separately).

Highlights of the following reports were also presented as follows (report text presented separately):

- Publications Committee Report (Graeme Bonham-Carter)
- Distinguished Lecturer Committee Report (Qiuming Cheng for Sean McKenna)
- Matheron Lecturer Committee Report (Qiuming Cheng)
- Curriculum Quality Committee Report (Maria-Theresia Schafmeister)
- Meetings Committee Report (Qiuming Cheng for Ricardo Olea)

Past President Frits Agterberg presented highlights of the International Year of Planet Earth and the role that the IAMG plays in it. He indicated that an IYPE Board meeting was held on Sunday, September 4, 2011, in Munich. New name, Statutes and By-Laws, budget and organization of the follow-up institute were on its agenda. Eduardo de Mulder is the founder and Executive Director of this permanent Planet Earth Institute. Frits Agterberg agreed to commence a page on the IAMG Website to keep members informed of Planet Earth developments.

The meeting proceeded to discuss new business but no voting quorum was initially present. However, President Vera Pawlowsky (also chair of the Nominations Commission) and Past President Frits Agterberg (Nominations Commission Coordinator), stressed the importance of a Council recommendation to the Nominations Commission on two issues:

- **Country of residence of candidates for Treasurer**
- **Whether the Commission should nominate candidates for two Vice Presidents in addition to the Executive Vice President**

Because a quorum would likely be present later in the week it was agreed that these two pressing matters would be presented to the voting members when and if a quorum was present.

The members present also debated the following issue:

- **Past Laudatios**  
In collaboration with Heinz Burger, the Awards Committee is attempting to publish “lost” laudatios of previous award winners in Computers and Geosciences. However, Elsevier is no longer willing to publish them in the Journal. We need to discuss alternatives. Laudatio writers for this year have been identified and are Clayton Deutsch (Olena Babak) and Raimon Tolosana (Istvan Dunkl). Laudatio for Ana Militino Fernandez (Griffiths Award last year) still needs to be published.

The attendees agreed that it is not necessary to bring this issue to a vote by the Council, but that the Publications Committee should first contact Springer to ask whether they might be willing to publish missing laudatios.

Remaining issues that had been brought to the Council for debate and vote were postponed to be handled by a web debate and vote after the Conference. These issues include:

- **Move approval of student travel grants to an earlier date**  
Summary: Presently (at least according to the guidelines) student travel grants can be approved as late as one month before an IAMG Conference. This may leave too little time for recipients to plan their trips. On the other hand, a much earlier deadline may be too early for recipients to know whether their presentation have been accepted.
- **Statutes amendments on Appointment of Vice Presidents**  
Summary: In order to clarify or change the mechanism of appointment of Vice Presidents it may be necessary to change the Statutes. Ricardo Olea has presented a tentative amendment.

The meeting was adjourned at approximately 5:30 PM, to be reopened when and if a quorum would be attainable later in the week.

The meeting was called to order again on Wednesday, September 7, 8:30AM to 9:00 AM. Present in this second part of the meeting were:

Vera Pawlowsky-Glahn (President)  
Qiuming Cheng (Executive Vice President)  
Jorgina Ross (Treasurer)  
Daniel Tetzlaff (Secretary General)  
Frits Agterberg (past President)  
Angela Diblasi (Ordinary Councillor)

A voting quorum was present.

The Council agreed to debate and vote only the two most pressing issues presented by the Nominations Commission in the previous part of the meeting, namely:

- **Country of residence of candidates for Treasurer**
- **Whether the Commission should nominate candidates for two Vice Presidents in addition to the Executive Vice President**

The Council passed the following two motions, both by a unanimous vote of all voting members present:

**Motion 1 (passed):**

„The Council recommends that the Nominations Commission for the 2012 election appoint candidates for Treasurer who are residents of the United States.“

Note: In order to deal with investment brokers, depositing checks in U.S. banks, and continuity of dealing with accountants and attorneys, it is a matter of practical convenience to have a Treasurer who resides in the U.S.

**Motion 2 (passed):**

„The Council recommends that the Nominations Commission for the 2012 election appoint candidates for two non-executive Vice Presidents.“

Note: The candidates for Executive Vice President already proposed by the Commission remain as such, with the agreement of both proposed presidential candidates.

The meeting was adjourned at approximately 9:00 AM.



Daniel M. Tetzlaff  
IAMG Secretary General  
[danieltetzlaff@aol.com](mailto:danieltetzlaff@aol.com)

## President's report

Barcelona, August 1, 2011.

With IAMG'2011, I start the fourth and last year of my term as President. My feeling is partly of satisfaction because, despite the initial difficulties, things are running smoothly. However, I am not completely satisfied, because I would have liked to do much more. Still, from my point of view, we have mainly positive news. Nevertheless, before turning to report on the IAMG, I would like to send my warm greetings to our friends in Japan, recently hit by a big disaster, and to our friends in Norway, who just went through one of the craziest situations our society is faced with: terrorism. Our solidarity is on their side!

At this meeting, you will have the chance to meet Regina van den Boogaart, who is in charge of our office and our new web. Although our official address is in Houston (Texas), Regina does the work in Freiberg. Thanks to the support of all our members, and to the efforts and special help of our Secretary General, Daniel Tetzlaff, the internal situation of IAMG has stabilised. Daniel Tetzlaff set up the new web, Regina is putting order into the membership database. They are doing an excellent job. As far as I know, all detected problems with addresses, membership, and subscriptions have been solved. Thanks to all who have shown understanding and patience! This does not mean that there are no problems anymore, but with your continuous support, I am convinced we will solve them satisfactorily. Thus, if you are aware of any aspect that requires our attention, let us know!

The usual activities of the IAMG have been running to full satisfaction. During IAMG 2011 in Salzburg, you will have the chance to meet this year's winner of the Felix Chayes Prize for Excellence in Research in Mathematical Petrology, Istvan Dunkl, from the University of Göttingen (Germany), and the winner of the Andrei Borisovich Vistelius Research Award, Olena Babak, from the University of Alberta (Canada). I want to acknowledge the good work of our Awards Committee and of all our members who sent in nominations. We had quite a few excellent candidates. I hope this continues to be so every year!

Our Matheron Lecturer this year is B. S. Daya Sagar, from Bangalore (India), and the 2012 Distinguished Lecturer is Jack Schuenemeyer. Use the chance to listen to the Matheron Lecturer during his invited talk and to the presentation of talks offered by Jack during the IAMG Plenary Session on Tuesday.

In Salzburg one of our most recent Honorary Life Members, Walther Schwarzacher, will be present, while our vice-president, Qiuming Cheng, will report on the celebrations held to honour Zao Pengda on his 80<sup>th</sup> birthday. He is the other outstanding member that has been elected Honorary Life Member of the IAMG.

My congratulations to all of them for this well deserved recognition.

The proposal of our Meetings Committee to accept the bid of the group at the Spanish Geological Survey (IGME) in Madrid for IAMG 2013 has received the support from the Council. Thus, IAMG'2013 will be in Madrid, Spain. We anticipate a meeting organised in an excellent manner. The organisation of IAMG sessions at the IGC in Brisbane is also well under control. We can look forward to well-organised meetings and sessions. The scientific part is up to all those who attend, so do your best!

The Curriculum Quality Committee gave support to a short course on Compositional Data Analysis, held July 2011 at the University of Girona, Spain. Not many students attended, but the discussions were lively and fruitful. The reason for a lack of students

was that it was organised only two months after CoDaWork'2011, that took place in Sant Feliu de Guixols, Spain, in May. There, another course was held that was very well attended. Nevertheless, the idea with the course in Girona is to initiate an annual series of courses, and the organisers hope to consolidate the initiative.

As you will hear from our Vice-President, Qiuming Cheng, the IAMG has organised a special session at the ISI meeting in Dublin.

We will get very positive news from our Publications Committee concerning the impact factors of Mathematical Geosciences and Computers & Geosciences, which are now 1.511 and 1.416, respectively. The final step of the editor appointment process by Elsevier resulted in a change of the initial decision by the Council. The original decision was to support the idea that B. Brodaric and J. Caers should alternately occupy the position of Editor-in-Chief of Computers & Geosciences for two years at a time, starting with B. Brodaric in July 2011. After the change, Jef Caers has taken over from Eric Grunsky who has held the position since 2006 and has finished his five-year term in July. My thanks go to Eric! He has done an impressive job! And to Jef for taking over the journal. I am sure it will be in good hands.

The Council has made an important decision recently in establishing Conflict of Interest Guidelines, which can be viewed on our website, so that all persons involved in tasks with IAMG can read them. The US tax law requires that, as a not-for-profit organisation, all IAMG officials and volunteers acknowledge reading the guidelines and agree to adhere to them.

The weak points in our activities right now are the student chapters and the start-up of our public awareness activities, although we have already an account in Facebook, under the e-mail address [pac@iamg.org](mailto:pac@iamg.org). They will be the focus of our attention during the next months.

All this has been possible without too much concern for our financial situation, which is stable despite the crisis and the decline of the dollar, thanks to the good work of our Treasurer, Gina Ross, to the hard work of our Secretary General, Daniel Tetzlaff, especially in getting the new members website working, and to our Vice-President, Qiuming Cheng. Together with the good work of all our committee-members, the editorial boards of our journals, our Newsletter editor and the head of our office, our association is getting stronger day by day.

*Vera Pawlowsky-Glahn*

Vice President's report  
Wuhan, August 2010 - July 28, 2011.

In this VP report, I have listed several events occurred last year. ML, ISI2011, IAGS, AGU and other activities:

1. The Matheron Lecturer (ML) Committee (Qiuming Cheng, Katsuaki Koike, Jean Serra), has selected Professor B S Daya Sagar, from Bangalore (India) as the 2011 Matheron Lecturer (ML). Professor Daya Sagar is going to deliver a keynote lecture at this year annual conference IAMG. A separate report has been prepared with a brief laudation about Dr. Sagar to be introduced in the IAMG2011.
2. An IPM session on "Statistical analysis of non-linear water systems" has been proposed and it will be held in Dublin from 22 to 26 of August prior IAMG annual conference to be held in Salzburg from Sept 5 to 9, 2011. Invited speakers include Shaun Lovejoy from McGill University of Canada, Daniel Schertzer from France and Ute Herzfeld. Frits Agterberg was invited as the discussant. A special issue is under consideration for our Journal of Mathematical Geosciences. A new proposal for an IPM session of the 59th World Statistics Congress of the International Statistical Institute to be held in Hong Kong, China, August 25-30, 2013. This meeting to be held just few days before the IAMG 2013 Annual Conference in Madrid, Spain, 2 - 6 September 2013, so some IAMG members can attend both conferences if they want. A copy of proposal is attached to this report. Frits Agterberg is thanked for his suggestions on preparation the proposal.
3. Ute Herzfeld has convened a successful special session on Non-Differentiability, Non-Continuity and Roughness of Earth Surface in the Non-linear Geophysics Section of AGU, which was joined with the Turcotte Award session. Shaun Lovejoy from McGill University and Qiuming Cheng were invited as invited speakers. Through several joined workshops and special sessions between IAMG and non-linear Processes in Geophysics of AGU and EGU, it has established some good relationships between IAMG and NPG which should be further enhanced for enlarging our memberships.
4. Prior to IAMG2011 conference there was the IAGS2011 conference held by the AAG in Rovaniemi from August 22 to 26. There were more than 300 reiterated participants in this meeting. Our member John Carranza from ITC delivered keynote lecture on Analysis and Mapping of Stream Sediment Geochemical Anomalies: should we logratio-transformed the Data? It promoted some discussions about application of MG techniques in dealing with geochemical anomalies. Qiuming also presented papers in the conference with topics on application of MG methods in modeling geochemical landscapes and for mineral exploration and mineral resources assessments. During the formal conference Banquet our member Gwendy Hall, the Chief Editor of GEEA presented the Gold Medal of AAG to Eion Cameron, founder and former Chief Editor of Exploration Geochemistry. In her laudation, Gwendy introduced Eion's early work on programming and application of factor analysis method in geochemical data analysis, among other contributions. These works have promoted MG in the field of AAG which has biannual symposium and next one will be held in New Zealand in 2013. IAMG has good connection with AAG which should be further enhanced for bilateral benefits.
5. Two workshops in China on May 22 and May 25 on the occasion of celebration of Professor Zhao Pengda's 80<sup>th</sup> birthday. Professor Zhao was awarded as our new Honorary Life Member. Two workshops on "Mineral Resources and Sustainable Development" were held on China University of Geosciences Campuses in Wuhan and in Beijing, respectively. Twelve members from outside China were invited and attended the entire event. Among them are Dr. D. Singer from USGS, Dr. T. Shoji from Japan, Dr. F. Agterberg, Qiuming Cheng from Canada, as well as several colleagues from Russia. Each workshop received more than 200 participants from China in geosciences who are associated with Professor Zhao one way or another. Professor Zhao and his friend Professor Wang Shicheng from Jilin University also delivered lectures at these workshops. At the formal celebration party during the workshops, Qiuming presented the certificate of Honorary Life Member to professor Zhao on behalf of IAMG. The news about these activities especially the

HLM of IAMG has been reported by several news papers and professional websites in China. Professor Zhao was very pleased about the activities held on the special occasion of his 80<sup>th</sup> birthday. He sincerely thanks IAMG President Vera, IAMG council and all IAMG members for selecting him as the Honorary Life Member. He thanks those who attended the actives. A special issue on Mineral Resources Quantitative Assessments was published in the JCUG of Earth Sciences in Chinese with English abstracts.

6. Beside the above activities, the IANG Chinese Section in cooperation with China Geological Survey and other Chinese institutions is going to hold its second national workshop in November in Fujian, China. It will be a three-day workshop with focus on mineral resources quantitative assessments and prediction in covered areas. Typical sessions of MG will also be organized.
7. Some activities Qiuming has been involved in discussions with authorities of China University of Geosciences in cooperation with the Geological Survey of China about a plan to set up an International Center for Research in Mathematical Geosciences and Geoinformatics in Beijing. Chinese colleagues are appreciated the involvement or sponsorship of IAMG on the development of such a center. There have been other two International Research Centers proved by Chinese Governments and UNISCO with supports from International Societies such as AAG. One is to be established in Beijing on International Center for Research on World Geochemical Mapping by the Geological Survey of China and Institute of Geophysical and Geochemical Exploration and the other in Guiling on Karst Geology. If the MG center can be established in China it will provide a center for international activities in MG. More information about this proposal can be prepared.

In conclusions, through above activities I hope it will promote IAMG and more people would become known and interested in IAMG.

8. Proposal for an IPM on "Probability and weights of evidence in the geosciences" at the 59th Session of the International Statistical Institute to be held in Hong Kong, China, 25-30 August 2013.

This proposal is from the International Association for Mathematical Geosciences (IAMG) for organizing an IPM on "Probability and weights of evidence in the geosciences" at the ISI2013. The mission of the IAMG is to promote, worldwide, the advancement of mathematics, statistics and informatics in the Geosciences. IAMG has organized IPMs at recent ISI Sessions since 1999. The times and titles of these and several earlier IAMG-sponsored IPMs are listed at the end of this proposal.

The weights of evidence modelling has been increasingly applied for resources prediction and environment and hazard assessments in geosciences. New statistical theories and methods have been developed during the past two decades on combining geoscience information for mapping potentials for mineral resources, oil/gas and environmental impact sites. The invited speakers in this proposal include

9. Dr. Minfeng Deng, Department of Economics and Business Statistics, Monash University, Memzies Building, Claytonj Campus, Melbourne, VIC 3800, Australia.
10. Dr. Helmut Schaeben, Professor of Institut für Geologie TU Bergakademie Freiberg Gustav-Zeuner-Str. 12 09599 Freiberg Germany.
11. Dr. Alok Porwal, Centre for Exploration Targeting, Western Australian School of Mines, Curtin University of Technology, Crawley, Perth, Western Australia 6009.
12. Dr. Graeme Bonham-Carter, discussant, who is former editor-in-chief of Computers & Geosciences and the former president of IAMG
13. The organizer of this IPS, Qiuming Cheng, Vice President of IAMG and a full professor at York University, Canada, in cascade processes and weights of evidence and fuzzy weights of evidence modeling in applications in resources assessments.

The International Association for Mathematical Geology (since 2008 renamed International Association for Mathematical Geosciences) was formed in 1968 during the 23<sup>rd</sup> International Geological Congress held in Prague. According to its Constitution, IAMG is affiliated with its two parents: International Union of Geological Sciences and International Statistical Institute. Immediately after the inaugural event, three IAMG members (Geoffrey Watson, Vice President; Richard Reymont, Secretary General; and Frits Agterberg, ordinary Council member) participated in the meeting of the International Association for Statistics in Physical Sciences (IASPS – then a section of the ISI) held in Amsterdam, 2-7 September 1968, where they presented invited papers.

As early as 1969, at the 37th ISI Session in London (U.K), Georges Matheron was invited to present a paper entitled "Structures Aléatoires et Géologie Mathématique" (Name of Meeting: "Statistics in the Physical Sciences"; Organizer: M.S. Bartlett). At recent ISI Sessions, several Invited Paper Meetings have been organized with the help of the IAMG as follows:

**Helsinki (Finland) 1999 – IPM 81: Statistical Aspects of Physical and Environmental Science (Organizer: Carol Gotway Crawford); IAMG invited papers in Bulletin of the International Statistical Institute, Tome LVIII, Book 2, pp. 487-500.**

**Seoul (Korea) 2001 – IPM 79: Extreme Value Distributions in Geology (Organizer: Frits Agterberg); IAMG invited papers in Bulletin of the International Statistical Institute, Tome LIX, Book 2, pp. 471-484.**

**Berlin (Germany) 2003 – IPM 77: Recent Statistical Advances in Geological and Environmental Applications (Organizer: Frits Agterberg);**

IAMG invited papers in Bulletin of the International Statistical Institute, Tome LX, Book 2, pp. 421-433.

Sydney (Australia) 2005 - IPM 44: Statistical Analysis of Data with Constrained Sample Space (Organizer: Vera Pawlowsky Glahn; Chair: Heinz Burger). Bulletin of the International Statistical Institute, CD version.

Durban (South Africa) 2009 - IPM 98: Issues in the Analysis of Multivariate Data in the Spatial Domain (Organizer: Eric Grunsky)

Dublin (Ireland) 2011 - IPS 28: Statistical analysis of non-linear water systems (Organizer: Qiuming Cheng)

Earlier meetings with invited papers by IAMG participants at ISI Sessions included:

Washington, D.C. (U.S.A) 1971: Some Problems in the Correlation Analysis of Geological Data (Organizer: Geof Watson).

Manila (Philippines) 1979: Application of Statistical Methods in the Earth Sciences (Organizer: Paul Switzer).

In Lisbon 2007, IAMG co-sponsored a Special Topic Contributed Paper Meeting (STCPM 24): Geostatistics for Environmental Applications (Maria Pereira, Organizer).

From 1999 onward, the IAMG has granted partial travel costs reimbursement to participants in IPMs co-organized with the ISI (Total IAMG contribution per event: US\$5,000-\$8,000).

**REPORT OF THE SECRETARY GENERAL 2011  
(August 1, 2010, to July 31, 2011)**

**Introduction**

This report briefly describes the major actions by the IAMG Secretary General during the past 12 months.

**Business conducted via web:**

Shortly after the Council meeting of 2010, all Council business outside of annual meetings started to be conducted via the membership website using the Council bulletin board.

Resolutions passed by the Council during the 2010 meeting in September 2010 have been reported separately in the Minutes of that Council meeting. Since then, the following motions were approved by the Council:

(for details, please refer to <http://www.iamgmembers.org/phpbboard/viewforum.php?f=8> ):

- 27/Jun/2011: Appoint Katsuaki Koike as voting Council member in replacement of Jef Caers for the remainder of his term
- 15/Jun/2011: Appoint Nominations Commission consisting of:
  - Non-voting Chair:
    - Pawlowsky-Glahn, Vera
  - Voting members:
    - Agterberg, Frits
    - Burger, Heinz
    - Cox, Simon
    - Olea, Ricardo
    - Zhou, Yongzhang
- 13/Jun/2011: Nominate Jef Caers as C&G Editor, starting July 1, 2011
- 10/May/2011: Appoint June Hill as voting Council member in replacement of Simon Cox for the remainder of his term
- 04/May/2011: Approve Zhao Pengda as Honorary Member
- 08/Apr/2011: Approve proposal for IAMG 2013 Conference in Madrid, Spain
- 31/Mar/2011: Approve Conflict of Interest Guidelines to comply with IRS requirements
- 03/Mar/2011: Revert Publish Rights to Author of Monograph 6
- 22/Feb/2011: Endorse Meeting in Pribram Symposium
- 07/Feb/2011: Nominate Boyan Brodaric as Editor in Chief for Computers and Geosciences, alternating with Jef Caers after 2 years (modified by later vote of 13/Jun/2011)
- 15/Dec/2010: Nominate Jef Caers as Editor in Chief for Computers and Geosciences (modified by later votes of 07/Feb/2011 and 13/Jun/2011)
- 08/Dec/2010: Recommend one Editor in Chief for Computers and Geosciences
- 06/Nov/2010: Approve provision of free one-year membership to first authors
- 06/Nov/2010: Approve Walter Schwarzacher as Honorary Member
- 30/Oct/2010: Organization of promotional activities
- 12/Oct/2010: Consultation on Awards Committee new members

## **Other issues**

1. The IAMG report to the International Union of Geological Societies (IUGS) was prepared and submitted in November of 2010. The IUGS was not able to provide any monetary contribution to the IAMG this year.
2. Responsibility for administering the membership web page (iamgmembers.org) was progressively transferred to the new IAMG Office Manager.
3. The process of requesting acknowledgment of Conflict of Interest Guidelines by Officers, Councilors, and volunteers was started.
4. The student grant applications forms were transferred from a server at the University of Freiberg to the membership web page. This gives the IAMG better control over the submissions and automatically keeps a record of all submissions.

Daniel M. Tetzlaff  
IAMG Secretary General

INTERNATIONAL ASSOCIATION  
FOR MATHEMATICAL GEOSCIENCES

Treasurer's Report  
Gina Ross

September 4, 2011  
Salzburg, Austria

# INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES

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Cash Flow from January 1, 2011 to June 30, 2011

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USbancorp Investment Statement, Chayes Fund, June 30, 2011

USbank Bank General Funds Checking Account Statement, June 30, 2011

USbank Bank General Membership Checking Account Statement, June 30, 2011

Chase Bank Checking Account Statement, March 31, 2011

Budget for 2012

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES  
Treasurer's Review Report 2011

Assets:

US Bank Bancorp Investments:

General funds	\$ 854,492.26	(June 30, 2011)
Chayes funds	\$ 97,305.63	(June 30, 2011)

US Bank checking accounts:

General funds	\$ 98,337.84	(June 30, 2011)
Membership account (use for PayPal)	\$ 1,107.00	(June 30, 2011)

Chase (Rochester checking account) (closed after terminating E&M)	\$ 0.00	(Mar 31, 2011)
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PayPal account	\$ 1,537.16	(July 01, 2011)
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TOTAL	\$1,052,779.89	(July 01, 2011)
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Five year net assets history:

December 31, 2006	\$869,646
December 31, 2007	\$863,523
December 31, 2008	\$672,465
December 31, 2009	\$855,658
December 31, 2010	\$969,233

Royalties from non-member (institutional) subscriptions to the journals:

Year	C&G	MG	NRR	Total
2006	\$62,192	\$12,639	\$2,156	\$ 76,987
2007	\$74,024	\$27,858	\$1,387	\$103,269
2008	\$68,360	\$16,225	\$1,822	\$ 86,407
2009	\$61,772	\$19,388	\$3,459	\$ 84,619
2010	\$67,241	\$17,969	\$3,321	\$ 88,531

Membership and member subscriptions to the journals:

Year	Members	C&G*	MG	NRR
2006	518	140	215	46
2007	575	119	171	37
2008	630	111	167	35
2009	557	113	161	29
2010	514	121	159	31

\*regular, student, and electronic combined

8:18 PM

07/09/11

Accrual Basis

**International Association of Mathematical Geosciences**  
**Profit & Loss**  
 January through December 2010

	Jan - Dec 10
<b>Income</b>	
Bonus	5.00
Chase Bank Checking Account	6,544.47
Contributions to IAMG	
IUGS 2010	5,000.00
<b>Total Contributions to IAMG</b>	5,000.00
DBTCO Americas NYC	
DEUTDEFF	-517.50
Wire Transfer Return	482.50
<b>Total DBTCO Americas NYC</b>	-35.00
IAMG Annual Conferences	
2010 Budapest, Hungary	5,548.00
<b>Total IAMG Annual Conferences</b>	5,548.00
IAMG Office	
Chase Bank Checking Account	10,000.00
<b>Total IAMG Office</b>	10,000.00
Journal Subscriptions	
Subscription Refunds	-55.00
<b>Total Journal Subscriptions</b>	-55.00
Memberships & Subscriptions	647.00
PayPal-Deposits	565.16
Reimbursements to IAMG	300.90
Royalties	
Computers & Geosciences (Elsevi)	61,772.92
Mathematical Geology (Springer)	19,388.80
Monographs (Oxford)	990.71
Natural Resources (Springer)	3,459.00
<b>Total Royalties</b>	85,611.43
<b>Total Income</b>	114,131.96
<b>Expense</b>	
Accounting Services	3,965.00
Affiliation Dues	
ISI	94.55
<b>Total Affiliation Dues</b>	94.55
Attorney's Fees	220.00
Awards	
Griffiths Travel Support	1,374.84
Krumbein Travel Support	3,709.42
Plaques, Etc.	209.52
<b>Total Awards</b>	5,293.78
Bank Charge	
Service charge	773.50
Bank Charge - Other	144.26
<b>Total Bank Charge</b>	917.76
Conference Support	
IAMG2011	6,000.00
<b>Total Conference Support</b>	6,000.00
E&M Management Expenses	
Dragonfly IT	2,179.46
E&M Management Expenses - Other	4,174.35
<b>Total E&amp;M Management Expenses</b>	6,353.81
<b>E&amp;M Management Fees</b>	1,250.00

8:18 PM  
 07/09/11  
 Accrual Basis

**International Association of Mathematical Geosciences**  
**Profit & Loss**  
 January through December 2010

	<u>Jan - Dec 10</u>
IAMG-Donations 2010	6,841.26
<b>Total IAMG-Donations</b>	<b>6,841.26</b>
IAMG-Office	
Checking (USbank)	5,000.00
Skype	71.40
<b>Total IAMG-Office</b>	<b>5,071.40</b>
Matheron Lecturer	3,421.62
Meeting Support (non-IAMG)	
International School Fluid Geoc	512.40
<b>Total Meeting Support (non-IAMG)</b>	<b>512.40</b>
Miscellaneous, Bus	360.88
News Letter	3,324.40
Postage and Delivery	51.04
Promotion & Booths	
Booth Travel Support	2,000.00
Promotion & Booths - Other	-425.35
<b>Total Promotion &amp; Booths</b>	<b>1,574.65</b>
Publishers Subscriptions	
C&G Subscriptions - Elsevier	8,377.98
MathGeo Subscriptions -Springer	2,522.41
NRR Subscriptions - Springer	935.00
<b>Total Publishers Subscriptions</b>	<b>11,835.39</b>
Student Chapter	
Nancy-2009	1,500.00
The Netherlands (ITC)	1,000.00
<b>Total Student Chapter</b>	<b>2,500.00</b>
Student Research Award	
2009	1,000.00
2010	3,750.00
<b>Total Student Research Award</b>	<b>4,750.00</b>
Student Travel Grant	650.00
Travel, Officers & Members	17,360.85
Treasurer Operating Expenses	
Miscellaneous	111.80
Office supplies	43.51
PayPal	-0.26
PO Box	55.41
Software	250.34
US-Web Server	126.25
<b>Total Treasurer Operating Expenses</b>	<b>587.05</b>
Website	
Dragonfly IT Inc	384.20
<b>Total Website</b>	<b>384.20</b>
<b>Total Expense</b>	<b>83,320.04</b>
<b>Net Income</b>	<b>30,811.92</b>

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07/09/11

Accrual Basis

**International Association of Mathematical Geosciences**  
**Profit & Loss**  
 January through June 2011

	Jan - Jun 11
<b>Income</b>	
<b>IAMG Office</b>	
Chase Bank Checking Account	73.66
<b>Total IAMG Office</b>	73.66
<b>Memberships &amp; Subscriptions</b>	3,033.00
<b>PayPal-Deposits</b>	
Transfer From PayPal Account	15,797.61
<b>Total PayPal-Deposits</b>	15,797.61
<b>Royalties</b>	
Computers & Geosciences (Elsevi	67,241.78
Mathematical Geology (Springer)	17,948.51
Monographs (Oxford)	127.97
Natural Resources (Springer)	3,321.00
<b>Total Royalties</b>	88,639.26
<b>Total Income</b>	107,543.53
<b>Expense</b>	
<b>Accounting Services</b>	4,120.00
<b>Affiliation Dues</b>	300.00
<b>Bank Charge</b>	513.00
<b>Distinguished Lecturer</b>	4,541.52
<b>Donations</b>	7,005.54
<b>E&amp;M Management Fees</b>	10,000.00
<b>Houston-Office Expenses</b>	306.79
<b>IAMG-Archivist</b>	631.45
<b>IAMG-Office</b>	
Checking (USbank)	-5,903.00
Management Service	5,997.89
<b>Total IAMG-Office</b>	94.89
<b>IAMG General Funds Checking Acc</b>	5,903.00
<b>Meeting Support (non-IAMG)</b>	
Compositional Data Analysis Wor	2,388.28
<b>Total Meeting Support (non-IAMG)</b>	2,388.28
<b>Miscellaneous, Bus</b>	526.16
<b>News Letter</b>	2,850.66
<b>Promotion &amp; Booths</b>	
Booth Travel Support	2,000.00
<b>Total Promotion &amp; Booths</b>	2,000.00
<b>Publishers Subscriptions</b>	
C&G Subscriptions - Elsevier	8,801.54
Monographs - Oxford UP	1,666.42
NRR Subscriptions - Springer	7,255.00
<b>Total Publishers Subscriptions</b>	17,722.96
<b>Royalties-George Christakos</b>	
2011	827.91
<b>Total Royalties-George Christakos</b>	827.91
<b>Student Chapter</b>	
Freiberg	1,000.00
Szeged	500.00
<b>Total Student Chapter</b>	1,500.00
<b>Student Research Award</b>	
2010	1,000.00
<b>Total Student Research Award</b>	1,000.00
<b>Travel, Officers &amp; Members</b>	368.09

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07/09/11

Accrual Basis

# International Association of Mathematical Geosciences

## Profit & Loss

January through June 2011

	<u>Jan - Jun 11</u>
<b>Treasurer Operating Expenses</b>	
Office supplies	102.93
Postage	17.60
<b>Total Treasurer Operating Expenses</b>	<u>120.53</u>
<b>US Bancorp Investment</b>	
Mutual Funds Invesments	30,000.00
<b>Total US Bancorp Investment</b>	<u>30,000.00</u>
<b>Website</b>	
Dragonfly IT Inc	96.05
<b>Total Website</b>	<u>96.05</u>
<b>Total Expense</b>	<u>92,816.83</u>
<b>Net Income</b>	<u><u>14,726.70</u></u>

**INTERNATIONAL ASSOCIATION  
FOR MATHEMATICAL GEOSCIENCES**

**Financial Statements**

**Years ended December 31, 2010 and 2009**

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES

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Statements of Assets, Liabilities and Net Assets - Modified Cash Basis	2
Statements of Revenues Collected, Expenses Paid and Changes in Net Assets - Modified Cash Basis	3
Notes to Financial Statements	4 - 5

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# LOWENTHAL, WEBB & ODERMANN, P.A.

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David A. Lowenthal, CPA  
Patricia L. Webb, CPA  
Audrey M. Odermann, CPA

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Abram M. Chrislip, CPA  
Caroline H. Eddinger, CPA  
Grant A. Huddin, CPA  
Brian W. Nyp, CPA

---

Members of American Institute  
and Kansas Society of  
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900 Massachusetts, Suite 301  
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Website: www.lswwcpa.com

## INDEPENDENT ACCOUNTANT'S REVIEW REPORT

Officers and Council  
International Association for Mathematical Geosciences

We have reviewed the accompanying statements of assets, liabilities and net assets - modified cash basis of International Association for Mathematical Geosciences (a not-for-profit association) as of December 31, 2010 and 2009 and the related statements of revenues collected, expenses paid and changes in net assets - modified cash basis for the years then ended.

A review includes primarily applying analytical procedures to management's financial data and making inquiries of management. A review is substantially less in scope than an audit, the objective of which is the expression of an opinion regarding the financial statements as a whole. Accordingly, we do not express such an opinion.

Management is responsible for the preparation and fair presentation of the financial statements in accordance with the modified cash basis of accounting and for designing, implementing, and maintaining internal control relevant to the preparation and fair presentation of the financial statements.

Our responsibility is to conduct the review in accordance with Statements on Standards for Accounting and Review Services issued by the American Institute of Certified Public Accountants. Those standards require us to perform procedures to obtain limited assurance that there are no material modifications that should be made to the financial statements. We believe that the results of our procedures provide a reasonable basis for our report.

Based on our reviews, 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 modified cash basis of accounting as described in Note 1.

*Lowenthal, Webb & Odermann, P.A.*

April 28, 2011

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES  
 STATEMENTS OF ASSETS, LIABILITIES AND NET ASSETS - MODIFIED CASH BASIS  
 December 31, 2010 and 2009

ASSETS

	<u>2010</u>	<u>2009</u>
CASH	\$ 84,979	\$ 54,796
INVESTMENTS	<u>884,254</u>	<u>800,862</u>
Total Assets	<u>\$ 969,233</u>	<u>\$ 855,658</u>

NET ASSETS

NET ASSETS		
Unrestricted	\$ <u>969,233</u>	\$ <u>855,658</u>
Total Net Assets	<u>\$ 969,233</u>	<u>\$ 855,658</u>

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

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES

STATEMENTS OF REVENUES COLLECTED, EXPENSES PAID  
AND CHANGES IN NET ASSETS - MODIFIED CASH BASIS  
Years Ended December 31, 2010 and 2009

	<u>2010</u>	<u>2009</u>
REVENUES		
Membership and subscriptions	\$ 31,234	\$ 30,194
Royalties	<u>85,612</u>	<u>94,413</u>
Total Revenues	<u>116,846</u>	<u>124,607</u>
EXPENSES		
Member and publication	41,227	45,450
Grants and awards	16,406	17,562
Conferences, meetings, and travel - net	18,024	12,505
Website and computer	510	86
Legal and accounting	4,185	4,140
Contracted services	4,160	15,000
Donations	6,841	10,000
Other expense	<u>2,752</u>	<u>1,942</u>
Total Expenses	<u>94,105</u>	<u>106,685</u>
Income [loss] from activities	<u>22,741</u>	<u>17,922</u>
OTHER INCOME [EXPENSE]		
Investment return	83,392	163,481
Other income	<u>7,442</u>	<u>1,790</u>
	<u>90,834</u>	<u>165,271</u>
CHANGES IN NET ASSETS	113,575	183,193
NET ASSETS, beginning	<u>855,658</u>	<u>672,465</u>
NET ASSETS, ending	<u>\$ 969,233</u>	<u>\$ 855,658</u>

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

# INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES

## NOTES TO FINANCIAL STATEMENTS Years Ended December 31, 2010 and 2009

### 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 Geosciences 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. The Association main sources of revenue are subscriptions, memberships, and royalties.

#### Basis of Accounting

The Association prepares its financial statements on the modified cash basis method of accounting. This modified cash basis differs from accounting principles generally accepted in the United States of America since revenues are recognized when collected rather than when earned, and expenses are recognized when paid rather than when the obligation is incurred. Generally, noncash transactions are not recognized in the financial statements, but the Association has elected to record its noncash unrealized gains and losses on its investments in the statement of revenues collected, expenses paid and changes in net assets - modified cash basis. This exception is a departure from the cash basis of accounting, but is in accordance with accounting principles generally accepted in the United States of America.

#### 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.

#### Investments

In accordance with accounting principles generally accepted in the United States of America, investments in marketable securities with readily determinable fair values and all investments in debt securities are reported at their fair value in the statement of financial position. Unrealized gains and losses are included in the change in net assets.

#### 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.

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES

NOTES TO FINANCIAL STATEMENTS  
Years Ended December 31, 2010 and 2009

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 as of December 31:

	<u>2010</u> <u>Market Value</u>	<u>2009</u> <u>Market Value</u>
Mutual Funds	<u>\$ 884,254</u>	<u>\$ 800,862</u>

The following schedule summarizes the investment return and its classification in the statement of activities for the years ended December 31:

	<u>2010</u>	<u>2009</u>
Dividend and interest income	\$ 43,689	\$ 45,607
Unrealized gains [losses]	<u>39,703</u>	<u>117,874</u>
Total investment return	<u>\$ 83,392</u>	<u>\$ 163,481</u>

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. 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 deposited in these accounts. The Association's credit exposure was \$54,883 and \$27,722 as of December 31, 2010 and 2009, respectively.

Note 4 - Subsequent Events

During the year ended December 31, 2010, the entity evaluated subsequent events through April 28, 2011 and no subsequent events requiring disclosure in the financial statements were noted. The financial statements were available to be issued on April 28, 2011.



P.O. Box 1800  
Saint Paul, Minnesota 55101-0800

9187 TRN

Y ST01

### Business Statement

Account Number:  
1 455 7156 7059  
Statement Period:  
Jun 1, 2011  
through  
Jun 30, 2011

Page 1 of 1



000060127 1 AV 0.340 106481145812051 P

IAMG  
PO BOX 442504  
LAWRENCE KS 66044-7504



To Contact U.S. Bank

**24-Hour Business Solutions:**

1-800-673-3555

**Telecommunications Device for the Deaf:**

1-800-685-5065

**Internet:**

usbank.com

## U.S. BANK SILVER BUSINESS CHECKING

U.S. Bank National Association

Member FDIC

Account Number 1-455-7156-7059

### Account Summary

Beginning Balance on Jun 1	\$	1,107.00
Ending Balance on Jun 30, 2011	\$	1,107.00

### Reward Program Summary

All Rewards shown are as of June 30, 2011

FlexPerks Business Cash Rewards Visa® Check Card Check Card Number: \*3885



Reward Enrollment Date	Rewards Earned Program to Date	Rewards Redeemed Program to Date	Current Rewards Balance	Rewards Available to Redeem	Pending Package Bonus Rewards Program to Date†
06/18/2010	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

†Package Bonus Rewards will be available for redemption annually in December.

EP-MN-WN2K  
60 Livingston Ave.  
St. Paul, Minnesota 55107-2292

Statement Period  
June 1, 2011 through June 30, 2011

All of serving you™

Account Number  
25536865

006293602 AV 0.462 \*\*AUTO T2 3 4550 66049-210918 5 -P62998



INTL ASSN FOR MATHEMATICAL GEOLOGY  
JORGINA A ROSS  
218 ARIZONA ST  
LAWRENCE, KS 66049-2109



YOUR FINANCIAL REPRESENTATIVE:  
KIPP NOE  
785-865-0277

INVESTMENTS CONNECT LINE:  
800-888-4700

**Activity Summary**

We are pleased to provide you with this statement format. It provides you with an easy-to-read summary of your account balance and history of your transactions during the past time period.

<b>Beginning Account Value</b>	<b>\$861,414.77</b>
<b>Money Credited to Your Account:</b>	
Total Securities Sold	\$0.00
Income Received	\$3,232.51
Maturity/Principal/Call Income	\$0.00
Deposits and Other Additions	\$0.00
<b>Money Debited from Your Account:</b>	
Total Securities Purchased	(\$3,232.51)
Other Deductions & Withdrawals	\$0.00
<b>Net Change to Priced Securities:</b>	<b>(\$6,922.51)</b>
<b>Ending Balance</b>	<b>\$854,492.26</b>

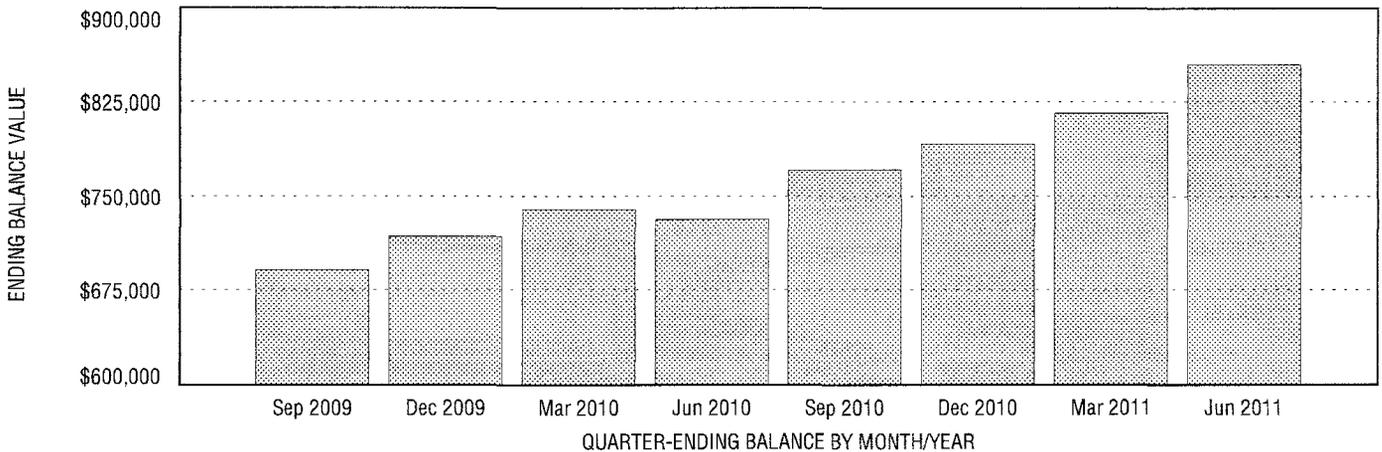
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**Portfolio Value**

This chart shows how the value of your account has changed recently. While it's important to be aware of short-term results, don't lose sight of the long term. U.S. Bancorp Investments believes a long-term investment strategy offers the greatest potential for success.



Uninvested cash balances not intended for investment may not be covered by SIPC. Investment products and services are available through U.S. Bancorp Investments, Inc., member FINRA and SIPC, an investment advisor and a brokerage subsidiary of U.S. Bancorp.

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EP-MN-WN2K  
60 Livingston Ave.  
St. Paul, Minnesota 55107-2292

June 1, 2011 through June 30, 2011

Account # 25536865

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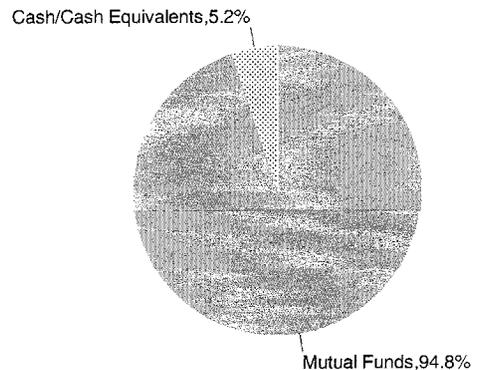
INTL ASSN FOR MATHEMATICAL GEOLOGY  
JORGINA A ROSS

**Account Valuation**

<b>Cash and Cash Equivalents:</b>	
Money Markets	\$44,293.84
Mutual Funds	\$810,198.42
<b>Total:</b>	<b>\$854,492.26</b>

**Portfolio Holdings Summary**

Your account is currently allocated among the investments specified below. Percentages may not be exact due to rounding.



**Portfolio Holdings**

Some cost basis data may have been obtained from outside sources and cannot be verified by USBI. Please refer to your trade confirmations for accurate cost basis information. Trade confirmations should be retained for tax purposes. USBI uses FIFO (First In First Out) as the default when calculating your cost basis for individual securities. If you wish to change the cost basis method, please contact your Financial Advisor or Investments Connect. Once a trade settles, no change to the cost basis methodology can be made.

Acct Type	Symbol/CUSIP Description	Quantity	Price on 06/30/11	Current Market Value	Total Cost Basis	Unrealized Gain (Loss)
<b>Cash/Cash Equivalents</b>						
CASH	31846V500 CLASS A FIRST AMERICAN PRIME OBLIGATIONS	44,293.84	1.00	44,293.84		
<b>Cash/Cash Equivalents Total</b>				<b>44,293.84</b>		
<b>Mutual Funds</b>						
CASH	FIGAX NUVEEN FUNDS INTERMEDIATE GOVT BOND FD CL A	15,287.638	8.8400000	135,142.71		
CASH	FKINX FRANKLIN TEMPLETON FUNDS FRANKLIN INCOME FUND CL A	183,082.587	2.2400000	410,104.99		
CASH	FRDPX FRANKLIN TEMPLETON FUNDS MANAGED TR RISING DIV FD CL A	989.725	35.2500000	34,887.80	32,105.63	2,782.17

June 1, 2011 through June 30, 2011

Account # 25536865

INTL ASSN FOR MATHEMATICAL GEOLOGY  
JORGINA A ROSS

**Portfolio Holdings**

Acct Type	Symbol/CUSIP Description	Quantity	Price on 06/30/11	Current Market Value	Total Cost Basis	Unrealized Gain (Loss)
<b>Mutual Funds</b>						
CASH	FRSTX FRANKLIN TEMPLETON FUNDS STRATEGIC INCOME FUND CL A	14,032.179	10.5700000	148,320.13		
CASH	LIBAX COLUMBIA FUNDS INTERMEDIATE BOND FUND CL A	8,982.725	9.1000000	81,742.79		
<b>Mutual Funds Total</b>				<b>810,198.42</b>		

**Income and Expense Summary**

Description	This Period	Year-to-Date
Taxable	3,232.51	17,467.42

**Account Activity**

Settle Date	Trade Date	Transaction	Quantity	Description	Price	Debit	Credit
<b>Cash Account</b>							
<b>Purchases, Sales and Other Security Movements</b>							
06/02/11	06/02/11	Reinvestment	28.622	LIBAX COLUMBIA FUNDS	9.200	263.32	
06/02/11	06/02/11	Reinvestment	59.062	FRSTX FRANKLIN TEMPLETON FUNDS	10.670	630.19	
06/02/11	06/02/11	Reinvestment	27.594	FIGAX NUVEEN FUNDS	8.850	244.21	
06/03/11	06/03/11	Reinvestment	926.898	FKINX FRANKLIN TEMPLETON FUNDS	2.260	2,094.79	
<b>Total Purchases, Sales and Other Security Movements</b>						<b>3,232.51</b>	<b>0.00</b>
<b>Income</b>							
06/02/11	06/02/11	Dividend		FRSTX DIVIDEND			630.19
06/02/11	06/02/11	Dividend		LIBAX DIVIDEND			263.32
06/02/11	06/02/11	Dividend		FIGAX DIVIDEND			244.21
06/03/11	06/03/11	Dividend		FKINX DIVIDEND			2,094.79
<b>Total Income</b>						<b>0.00</b>	<b>3,232.51</b>



EP-MN-WN2K  
60 Livingston Ave.  
St. Paul, Minnesota 55107-2292

Statement Period  
June 1, 2011 through June 30, 2011

All of serving you™

Account Number  
23138936

0062857 02 AV 0.462 \*\*AUTO T2 2 4550 66049-210918 5 -P62919

INTL ASSN FOR MATHEMATICAL GEOLOGY  
218 ARIZONA ST  
LAWRENCE, KS 66049-2109



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KIPP NOE  
785-865-0277

INVESTMENTS CONNECT LINE:  
800-888-4700

**Activity Summary**

*We are pleased to provide you with this statement format. It provides you with an easy-to-read summary of your account balance and history of your transactions during the past time period.*

<b>Beginning Account Value</b>	<b>\$98,375.74</b>
<b>Money Credited to Your Account:</b>	
Total Securities Sold	\$0.00
Income Received	\$431.80
Maturity/Principal/Call Income	\$0.00
Deposits and Other Additions	\$0.00
<b>Money Debited from Your Account:</b>	
Total Securities Purchased	\$0.00
Other Deductions & Withdrawals	\$0.00
<b>Net Change to Priced Securities:</b>	<b>(\$1,501.91)</b>
<b>Ending Balance</b>	<b>\$97,305.63</b>

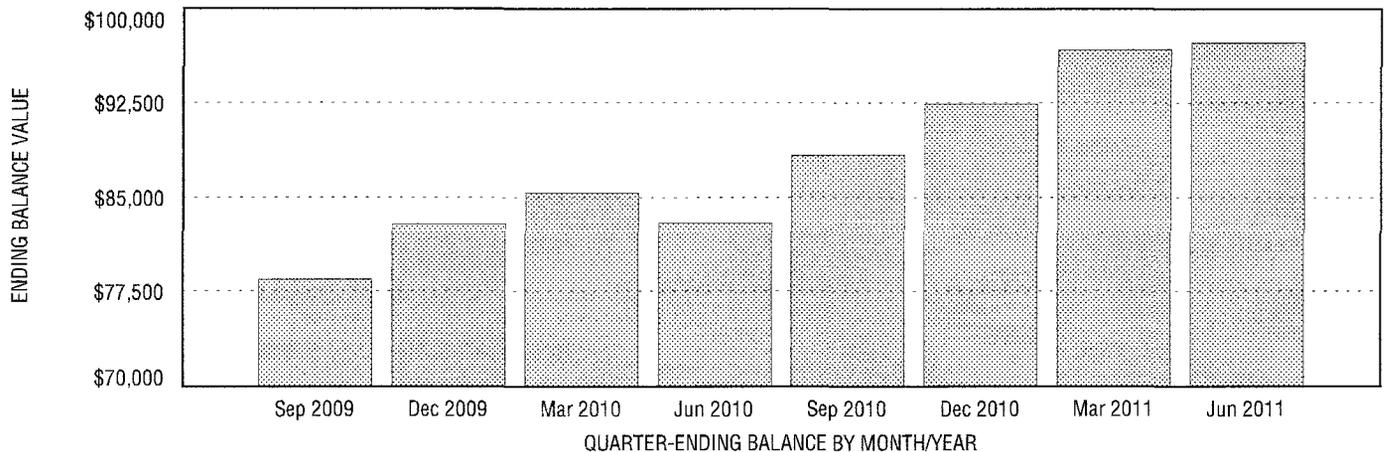
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**Portfolio Value**

*This chart shows how the value of your account has changed recently. While it's important to be aware of short-term results, don't lose sight of the long term. U.S. Bancorp Investments believes a long-term investment strategy offers the greatest potential for success.*



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60 Livingston Ave.  
St. Paul, Minnesota 55107-2292

June 1, 2011 through June 30, 2011

Account # 23138936

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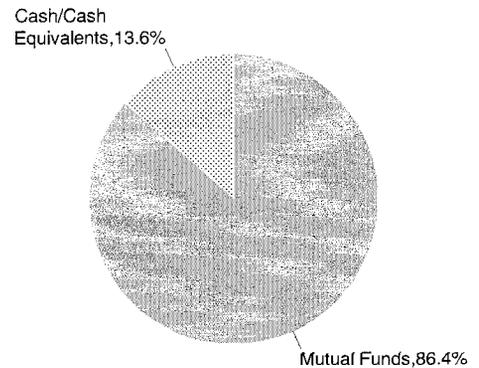
INTL ASSN FOR MATHEMATICAL GEOLOGY

**Account Valuation**

<b>Cash and Cash Equivalents:</b>	
Money Markets	\$13,198.46
Mutual Funds	\$84,107.17
<b>Total:</b>	<b>\$97,305.63</b>

**Portfolio Holdings Summary**

Your account is currently allocated among the investments specified below. Percentages may not be exact due to rounding.



**Portfolio Holdings**

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Acct Type	Symbol/CUSIP Description	Quantity	Price on 06/30/11	Current Market Value	Total Cost Basis	Unrealized Gain (Loss)
<b>Cash/Cash Equivalents</b>						
CASH	31846V500 CLASS A FIRST AMERICAN PRIME OBLIGATIONS	13,198.46	1.00	13,198.46		
<b>Cash/Cash Equivalents Total</b>				<b>13,198.46</b>		
<b>Mutual Funds</b>						
CASH	FKINX FRANKLIN TEMPLETON FUNDS FRANKLIN INCOME FUND CL A	37,547.844	2.2400000	84,107.17	93,873.19	(9,766.02)
<b>Mutual Funds Total</b>				<b>84,107.17</b>		

**Income and Expense Summary**

Description	This Period	Year-to-Date
Taxable	431.80	2,609.57

June 1, 2011 through June 30, 2011

Account # 23138936

INTL ASSN FOR MATHEMATICAL GEOLOGY

**Account Activity**

Settle Date	Trade Date	Transaction	Quantity	Description	Price	Debit	Credit
<b>Cash Account</b>							
<b>Income</b>							
06/03/11	06/03/11	Dividend		FKINX DIVIDEND			431.80
<b>Total Income</b>						<i>0.00</i>	<i>431.80</i>
<b>Money Market Account Activity</b>							
<b>Money Market Beginning Balance</b>							12,766.66
06/06/11	06/06/11	Bought	431.80	DEPOSIT: PRIME OBLIGATIONS-A			431.80
<b>Money Market Ending Balance</b>							<i>13,198.46</i>

**IMPORTANT INFORMATION**

**Brokered Certificate of Deposit (CD) and FDIC Insurance Limits.** If you have a brokered Certificate of Deposit (CD), the market value will fluctuate based on the prevailing interest rates. Accordingly, a brokered CD may, at any time, be worth more or less than its face value. Your monthly statement includes the market value, current as of the date the statement was generated, of any brokered CD in your account. This does not apply to the traditional CDs that you may have purchased or are issued by U.S. Bank.

On July 21, 2010, President Obama signed the Dodd-Frank Wall Street Reform and Consumer Protection Act, which, in part, permanently raises the current standard maximum deposit insurance amount to \$250,000. The FDIC insurance coverage limit applies per depositor, per depository institution for each account ownership category. For additional information on FDIC insurance, please refer to the Brokered Certificate of Deposit Disclosure Statement or visit [www.fdic.gov](http://www.fdic.gov).

**Systematic or "Automatic" Transactions.** If you have chosen to have systematic transactions applied to your brokerage account(s), please remember that you will not receive confirmation of these transactions immediately after they have taken effect. Your monthly and/or quarterly brokerage account statements will reflect any systematic transactions that occurred within that time period. Contact your financial professional for more information.

**Margin Securities.** Securities purchased on margin are U. S. Bancorp Investments, Inc. (USBI) collateral for the loan to you. If the securities in your account decline in value, so does the value of the collateral supporting your loan. As a result, USBI can take action such as issuing a margin call and/or selling securities or other assets in any of your accounts held with USBI in order to maintain the required equity in the account. It is important that you fully understand the risks involved in trading securities on margin. These risks include the following: 1) You can lose more funds than you deposit in the margin account. 2) USBI can force the sale of securities or other assets in your account(s). 3) USBI can sell your securities or other assets without contacting you. 4) You are not entitled to choose which securities or other assets in your account(s) are liquidated or sold to meet a margin call. 5) USBI can increase its "house" maintenance margin requirements at any time and is not required to provide you advance written notice. 6) You are not entitled to an extension of time on a margin call.

**Order Routing.** U.S. Bancorp Investments, Inc. (USBI) transmits customer orders for execution to various U.S. exchanges or market centers based on a number of factors. These include trading characteristics of the security and availability of efficient automated transaction processing. Listed equity securities and over-the-counter equity securities are generally routed to selected market makers. Further information about order routing venues for a particular transaction will be provided upon written request.

**Net Capital Requirements and the June 2011 Semi-Annual Statement of Financial Condition (Unaudited).** U.S. Bancorp Investments, Inc. (the Company) is subject to the Uniform Net Capital Rule of the Securities and Exchange Commission and the Net Capital Rule of the Financial Industry Regulatory Authority. At May 31, 2011, the Company's estimated net capital of \$328,691,316 was \$328,313,541 in excess of the minimum amount required. The June 30, 2011 net capital and excess net capital amounts, along with a copy of the Semi-Annual Statement of Financial Condition (unaudited), may be obtained after July 31, 2011 on the Internet via the URL address <https://onlineinvesting.usbank.com> or via the toll-free number 800-888-4700. The Company fully anticipates to adequately meet all net capital requirements in June 2011.

**Go green! View a variety of documents online.** You may now benefit from the electronic delivery of annual reports, proxy statements and prospectuses. You will receive these communications faster, reduce paper and promote a "greener" environment. To make this change online go to [icsdelivery.com/usbancorp](http://icsdelivery.com/usbancorp). It takes only a minute! If you have already received proxies electronically, please visit the same web site to receive the other communications in this manner.

**Important Information about Revenue Sharing Arrangements.** U.S. Bancorp Investments ("USBI") routinely receives compensation for the sale of financial products, including mutual funds, unit investment trusts (UITs), variable and fixed annuities, and variable and fixed life insurance. The compensation provided to USBI depends upon the product. In addition to sales loads, 12b-1 fees, networking and processing fees, USBI receives mutual fund support fees, which are sometimes referred to as "revenue sharing" payments, from the advisers or distributors of mutual funds that have access to USBI's investment professionals, as described below. Similarly, in addition to the commissions paid to USBI in connection with the sales of annuities and life insurance, USBI receives support fees from certain insurance companies or distributors. Again, these insurance companies and distributors (if applicable) have access to USBI's investment professionals, as described below.

**Financial Revenue Sharing from Product Partners to USBI.** Many financial products are made available in the marketplace. To assist our clients in choosing the product that is right for them, USBI utilizes a formal due diligence process to evaluate firms who offer a broad array of financial products, selecting only those matching our required criteria. Following this due diligence process, our investment professionals make recommendations from among this wide range of approved products based upon the specific investment objectives, risk tolerances, and time horizons of their clients and subject to broker-dealer suitability requirements.



JPMorgan Chase Bank, N.A.  
 P O Box 659754  
 San Antonio, TX 78265-9754

March 01, 2011 through March 31, 2011  
 Account Number: **000657500609865**

**CUSTOMER SERVICE INFORMATION**

Web site: **Chase.com**  
 Service Center: **1-800-242-7338**  
 Hearing Impaired: **1-800-242-7383**  
 Para Espanol: **1-888-622-4273**  
 International Calls: **1-713-262-1679**

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INTERNATIONAL MAIL  
 INTL ASSOC FOR MATHMATICA  
 4 CATARAQUI ST SUITE 310  
 KINGSTON ON K7K 1Z7  
 CANADA



**CHECKING SUMMARY**

Chase BusinessCustom Checking

	INSTANCES	AMOUNT
Beginning Balance		\$0.00
Ending Balance	0	\$0.00

There has been no activity on your account during this statement period. You may not receive a statement through the mail in the future if there is no activity on your account. You can always view your account activity and statement by logging on to your account through chase.com. If you have questions, please call us at the number on this statement.

## International Association for Mathematical Geosciences

### 2012 Budget

<b>INCOME</b>		
	Membership dues	6000.00
	Journal subscriptions	22000.00
	Donations	1.00
Royalties:		
	Mathematical Geosciences	19000.00
	Computers & Geosciences	58000.00
	Natural Resources Research	2800.00
	Monographs	500.00
CD orders:		
	Computers & Geosciences Silver CD	300.00
IMAG Annual Conference		4000.00
Mutual Funds:		
	Franklin Templeton Income Fund	25128.00
	Franklin Templeton Income Fund	5181.00
	Franklin Templeton Rising Dividens Fund	370.00
	Franklin Templeton Strategic Income	7560.00
	Nuveen Funds	2928.00
	Colombia Funds	3156.00
	Investments SubTotal	44323.00
	Total Income	156924.00
<b>Expenses</b>		
	Publishers	25000.00
Royalties share:		
	Monograph 6 (50% royalties)	150.00
Awards:		18000.00
	Krumbein & Griffiths	
	Matheron Lecturer	
Student Research and Travel Grants		6000.00
Student Chapter Support		7000.00
IAMG Conference Support:		0.00
Distinguished Lecturer		10000.00
Contract Labor (IAMG Office operating expenses)		6000.00
Contract Labor (IAMG Office)		11000.00
Inter Spot (Server Provicer)		2500.00
Accounting Services		5000.00
Bank charges		2500.00
Credit Cards fees		1500.00
AGU-booth		2000.00
IAMG News Letter	2 per year	6000.00
ISI Membership Dues		300.00
Travel, Officers & Members		38000.00
Archivist		1000.00
PEI donation	5,000 euros	6500.00
Miscellaneous		8474.00
Total expenses		156924.00
NET Income (-) Deficit		0.00

## IAMG PUBLICATIONS COMMITTEE ANNUAL REPORT, AUGUST 2011

### **Introduction by the Chair, Graeme Bonham-Carter**

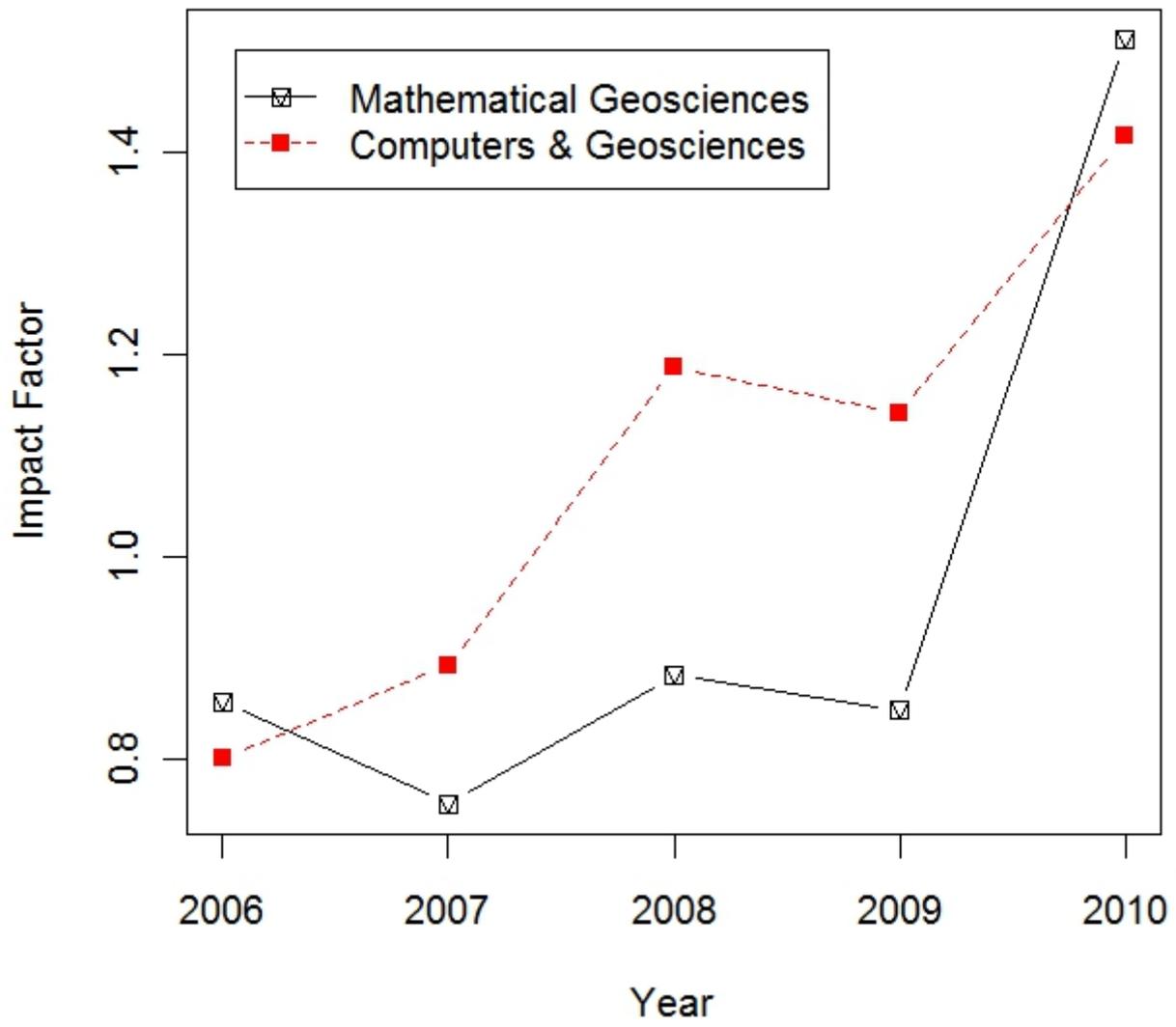
Last Fall I took over as chair of this committee from Mike Hohn. Mike served as chair over a long period (at least since 2000, maybe since 1996) and did an excellent job. I know that I speak for many of us in saying a grateful ‘thank you’. Mike has overseen the renewal of several of IAMG’s publishing contracts, and handled several difficult situations, such as investigating cases of plagiarism, with both thoroughness and tact, among his many other tasks as committee chair.

This past year the committee made an extensive search in a replacement for Eric Grunsky, who retired as Editor-in-Chief of Computers & Geosciences July 1, 2011. As described by Eric in the C&G section of this report, the committee finally recommended that two joint co-EICs share the now heavy load of work (the journal gets up to 600 submissions per year). Boyan Brodaric (who has served 4 years as Deputy Editor) and Jef Caers from Stanford agreed to share the Editorship. This strong pairing was approved by Council, but for various reasons Elsevier could not agree on terms with Boyan, so Jef at the moment is the sole EIC. The committee has every confidence that Jef will be an excellent editor, and will support him in every way possible. It remains to be seen whether he will take on a co-EIC, and this decision is now his. Eric served as EIC for 5 years, and he and Boyan are to be thanked and congratulated for making several important improvements to the journal and successfully guiding it during a period of expansion. The impact factor (not always a great guide, but nevertheless a widely used measure) has increased from about 0.8 when he took over, and now stands at about 1.4—a very good sign. Jean Hubay has also given up as Managing Editor of C&G, after 7 years of very good work—much appreciated by many authors, reviewers and editors with whom she has dealt over her term. I plan to put Jean’s name forward to receive an IAMG Certificate of Appreciation at IGC Brisbane in 2012.

Another item of the committee’s recent work has been to discuss and approve a request from George Christakos to re-publish his IAMG Memoir #6 (Modern Spatiotemporal Statistics) as a paperback with Dover. Council supported our recommendation, and OUP has now also allowed the reversion to take place. This is a “first” for books in this series, and could set a precedent for others in the future.

President Pawlowsky has recently suggested that the Publications Committee put together some items for the IAMG web page 1) to announce the Impact Factor of our journals and keep this updated annually, and 2) to put together a notice about procedure for getting permission to reproduce parts of copyrighted papers from our journals. These notices have now being prepared.

The Impact Factor for both MG and C&G has both improved significantly over the past 5 years, as is shown here.



## **Mathematical Geosciences, by Roussos Dimitrakopoulos, Editor-in-Chief**

### ***I. The production front***

Collaboration and working relations with Springer remain excellent; we continue to work with Dr. Chris Bendall, Senior Editor, Geoscience Division, and Alan Sinclair, Production Editor, both based in Heidelberg.

Our yearly editorial meeting with Springer is scheduled for this coming September, and during the IAMG annual meeting in Budapest. We have not seen any random glitches with printing this year and following the 2009 meeting with Springer in Heidelberg. The same meeting examined several topics from improving manuscript processing, ISI factors given now that we have two (one for Math Geology and one for Math Geosciences) to marketing and subscriptions. There remains an issue with subscriptions; Springer's lists are not complete and this is a problem we have identified the last 3 years to originate from the IAMG office. I hope that with the change of 'office' this year we will see a clear improvement. I note continuing complaints from subscribers that they do not receive their issues (last one was in July 2010).

### ***II. Publications update***

Mathematical Geosciences published 48 papers in its 8 issues over the past 12 months. We have been able to continue including a book review in each issue. Suggestions for books to review and volunteering to do the reviews will always be both needed AND greatly appreciated.

#### *Special issues for the last year:*

- 41(6) Applications of Wavelets in the Geosciences, M. Oliver, Guest Editor
- 42(5) Computational Methods for the Earth, Energy and Environment, J. Caers, Guest Editor

#### *Upcoming special issues:*

- 42(7) Spherical Mathematics & Statistics, H. Schaeben, Guest Editor

#### *Planned special issues - assistance very welcome*

- 43(-) Modern Mining Geostatistics – Dedicated to Danie Krige, a group of Guest Editors
- 43(-) CO<sub>2</sub> Sequestration in Subsurface Geological Formations (Guest Editor TBA)
- 43(-) Geothermal Energy. Guest Editor Reinhard Jung
- 43(-) Multivariate spatial stats (part SI; Guest Editor TBA)

### ***III. Awards***

- Best Paper Award 2009 – Congratulations to:

*Simpson's Paradox in Natural Resource Evaluation*, Issue 41(2)  
By Yuan Zee Ma

Once again, thanks are in order to Ed Sharp for organizing and overseeing the selection process, and Carol Gotway for her assistance.

- The Editor's Reviewers Awards 2009/20010: TBA (October/November).

#### ***IV. Performance report***

The ISI-impact factor of MG for 2009, as recently announced, and stands as reported below (Table 1). The Web of Knowledge lists separately Mathematical Geology AND Mathematical Geosciences, as expected. The combined impact factor is about 0.9 - highest impact factor for MG to date. As before: It is critical that MG's citations continue to increase; to ensure this, our persistent effort needs to continue and improved.

The need to cite recent papers in Mathematical Geosciences, where warranted, remains critically important to remember and include in your publications.

	Math Geosci	Math Geol
Total Cites	47	1260
Impact Factor	0.848	1.048
5-year Impact Factor	0.870	1.178
Immediacy Index	0.146	---
Articles	48	0
Cited Half-life	---	>10.0

*Table 1: ISI reporting for 2009 (Source: ISI Web of Knowledge; both MG names).*

The relative performance of the journal the last 12 months are summarized in Table 2. Overall, the very positive trends continue for a third year, and we need to ensure that they continue.

	August 2/2008 – August 3/2009	August 4/2009 – August 5/2010
New manuscripts received	151	154
Revised manuscripts received	110	113
Average turnaround time: Submission to final decision	105 days	109 days
Average turnaround time: Submission to first decision	82 days	68 days
Days to complete review (mean)	42 days	49 days
Rejections	52%	51%

*Table 2: Summary statistics on MG's performance.*

## ***V. Changes in the Editorial Team***

We welcome since the start of 2010 two new Associate Editors: Pierre Goovaerts (Biomed) and Odd Kolbjørnsen (Norwegian Computing Centre). We are grateful to Gerald van den Boogaart for all his good work; he retired from the senior editorial team to focus on his new academic position as a Full Professor at TU Freiberg. I am sure he will at some point return.

The Editorial Board was partly renewed to stress new areas of interest. The Editorial Board welcomed starting in 2010 Peter M. Atkinson, University of Southampton, UK, Sally Benson Stanford University, US, Antonella Bucciatti, Università degli Studi di Firenze, Italy, and Eric Grunsky, Geological Survey of Canada, Canada. As the Editorial Board has a limited number of members, new additions are accompanied by retirements. We are most thankful for their numerous contributions over a long period of time to: George Bardossy, Hungary, Danie Krige, South Africa, Katsuaki Koike, Japan, and last but not least, Richard Webster, UK. ***Thank you!*** Changes in the Editorial Board will continue in 2011.

## ***VI. Some objectives for 2010-2011***

Seek your continuing support and continue to:

- Increase of citations of papers published in MG particularly since 2008 and Volume 40 – the start of Mathematical Geosciences.
- Increase in individual subscriptions to MG.
- Increase of manuscript submissions.

***As always, your support of MG is a significant contribution to our profession!***

## **Computers & Geosciences, by Eric Grunsky, Editor-in-Chief**

During the past year, the journal has undergone a transition as part of a request for restructuring by the Editor-in-Chief and the actions of the Publishing Editor at Elsevier, Katherine Eve. I decided to retire as Editor-in-Chief after 5 years in the position. My recommendation was to move to a new system with two co-editors-in-chief, because of the increase in the number of incoming manuscripts. After a search and review, the Publications Committee recommended the appointment of Dr. Jef Caers and Dr. Boyan Brodaric as co-editors. This was approved by IAMG Council at the end of 2010 and initially supported by Elsevier. Unfortunately, the Publishing Editor had a change of heart, for reasons not fully explained, and decided not to appoint Boyan Brodaric, even though he has served as an excellent Deputy Editor for the past 4 years. Jef Caers started work as the sole editor-in-chief on July 1, and the co-editor position is open at present.

Two functions previously handled by the Editor in Chief and the Managing Editor were pre-screening of new submissions and copy editing of accepted manuscripts. In order to improve production speed (lagging because of heavy copyflow), Elsevier took over pre-screening. After some initial problems, this has been streamlined and the quality of pre-screening has improved. Copy editing until recently was handled by the Managing Editor (Jean Hubay) and myself. Elsevier have now taken over this function (including the function of Managing Editor), but it appears that in practice, no copy editing is being done and there is a definite concern that the final quality of accepted papers will deteriorate. Since the journal started in 1975, great care has been taken to ensure, as far as possible, that papers are grammatically correct, logically expressed, and with references that are complete and consistent in style. The performance of the journal should now be closely monitored to keep an eye on manuscript quality, and if possible to measure the impact of any change. Ultimately, it is the responsibility of the Editors to ensure quality, but without providing financial support to do copy editing, where needed, the reputation of the journal may suffer.

Editors are the gatekeepers of journal content and make decisions about what and how information should be presented in the journal. Therefore, any articles (other than advertisements) that are published should be under the scrutiny of the Editor-in-Chief. During the past year, this gatekeeping role has been undermined by the Publisher, by the insertion on two occasions of a "Publisher's Note" without consulting the Editor-in-Chief. One of these notes, in my opinion, was poorly written and reflected badly on the journal. Despite the fact that Elsevier owns the journal, and can certainly justify inserting information that may relate journal policy, it is to be hoped that such notes in future will be cleared by the Editor-in-Chief. It is uncertain whether notes of this type are considered as 'articles' that affect the impact factor.

The most recent impact factor for the journal (2010) has jumped to 1.416. The five-year impact factor is now 1.632. The impact factor for 2006 was 0.802, and has made steady improvements over the past five years. Although there has been a general trend upwards of impact factors for most journals, due probably to the increase in readership through online access and bundling of journals to large institutions, the IF for Computers & Geosciences seems to be doing particularly well. There are probably many factors at play here, but because of the increase in submissions, and consequent drop in the proportion of accepted papers, the general quality of papers has definitely improved. The journal has also increasingly emphasized research articles, and broadened its scope to include the growing field of geomatics.

Last year's report highlighted the problem of selecting an annual Best Paper award, due mainly to the heavy workload of the EIC. There has not been a best paper award since 2008. I recommend that the Publications Committee table this issue for discussion and resolution.

Since 1994, I have been responsible for managing the links and access to computer associated with papers published in the journal. As of the end of June, 2011, in coordination with the completion of my term as Editor-in-Chief, I am resigning from this job also. I have advised Jef Caers that the responsibility of program code availability is now under his control. There has been some discussion about the modification of how computer code can be uploaded and maintained. One such approach could be through the use of a communal service such as SourceForge where authors can upload and maintain their code. My own point of view on this is a lack of quality control and consistency on how program code will be managed. I believe this issue should be reviewed by the Publications Committee followed by recommendations and a planned course of action. Maintaining the program code site is more than the Editor-in-Chief has time to do. It may be worthwhile transferring this function to the IAMG office or some IAMG member who is willing to take on the responsibility.

#### **Special Issues published in Volume 37 (No. 1-5)**

- Virtual Globes in Science edited by Aijun Chen, John E. Bailey and Gregory G. Leptoukh
- Geoinformatics for Environmental Surveillance edited by Gregoire Dubois, Dan Cornford, Dionisis Hristopoulos, Edzer Pebesma and Jurgen Pilz
- Advances in Computational Geochemistry edited by Antonella Bucciatti

#### **Special Issues that are in production:**

- 2009 TOUGH Symposium edited by George Moridis and Christine Doughty
- Geospatial Infrastructure and Polar Research edited by Chaowei Yang, Fraser Taylor and Douglas Nebert
- Geocomputation of Mineral Exploration Targets edited by John Carranza
- Geoprocessing on the Web edited by Peisheng Zhao
- Modelling for Environmental Change edited by Albert Kettner, James Syvitski,

Computers & Geosciences requires stewardship through the knowledge and judgment of the Editors including the Deputy Editor, Consulting Editor, Associate Editors, the Editorial Board and the Managing Editor. The journal has benefitted from the advice, recommendations and thoughtful comments from the journal's Associate Editors whose expertise provided significant support in the review and decision making process for a large number of manuscripts. As well, our Editorial Board members have provided valued contributions through their thorough reviews, their recommendations for reviewers and their expert advice. I would like particularly to acknowledge the following individuals for their help during my term as Editor in Chief.

As Deputy Editor, Boyan Brodaric has been invaluable to the success of the journal. His dedication, commitment and knowledge have greatly enhanced the scope and reputation of the journal. He has been the person largely responsible for getting us solidly into the field of geoinformatics. We now publish a growing number of papers and special issues in this important new area.

Dr. Frits Agterberg, the journal's Consulting Editor has always provided valuable advice and perspective through his many years of involvement with IAMG and the development of its journals over the years.

Dr. Graeme Bonham-Carter, as the former Editor-in-Chief for the journal, has also been a valuable source for opinion and discussion about the strategic direction of the journal. I am grateful for his guidance and support during my term.

For the past 7 years, the journal has been supported through the role of the Managing Editor, Ms. Jean Hubay. Jean's dedication and tireless efforts in maintaining the day-to-day operations of the journal have

been essential in assisting authors, reviewers and editors. Her commitment and support for the journal is sincerely appreciated.

I have enjoyed my time as Editor-in-Chief. It has been gratifying to observe the wide range of subject areas in the geosciences that are dedicated to computational issues. Through the increasing part that computers play in our everyday lives, the use of computers in the geosciences will also continue to grow and I have been proud to have played a role in this area of continued growth.

## **Natural Resources Research, by Keith Long, Editor-in-Chief**

The journal continues to appear on time with articles that cover a very broad – and increasingly broad – range of topics. Some 23 articles totaling 293 pages have appeared in the last four issues. This is about the same number of papers as last year but a 17 percent decrease in pages. NRR receives about two to three submissions per month on average. The quality of submissions is less than last year, four papers having been rejected and three withdrawn.

I have explored various scientific citation databases as a way to assess “impact.” Only the Scopus database allows inclusion of social science literature, very important to this journal because many of its articles span the social-natural science divide. The distribution of citations by paper is highly skewed and heavily influenced by a very small number of articles – one published in 2005 on the topic of biofuels has had 323 citations to date. Overall, after a five year period, the number of papers with no citations dwindles to less than five, with most papers having between one and ten citations. The number of citations of articles in the journal continues to increase with 143 citations in 2007, 198 in 2008, 235 in 2009, and 416 in 2010. There were 201 citations during the first half of 2011. The Scopus metrics for NRR are a SNIP of 0.695 (up for 0.498 in 2010) and an SJR of 0.046 in 2011 but in 2006 these were 1.261 and 0.161 respectively.

During the year, Renguang Zuo joined the Editorial Advisory Board as a representative for China. I am looking for new Board members to represent India, the Middle East, and Africa. The journal has received a considerable number of submissions from these areas recently, some of which have been excellent contributions. Many of these papers require substantial editing on account of poor English, which is an obstacle to obtaining timely reviews.

### *Special Issues Under Consideration:*

- The US Geological Survey would like a special issue to highlight results of the soon to be completed Global Mineral Resource Assessment. This issue will likely now appear in 2012 on account of unanticipated delays in bringing the Global Assessment to a conclusion.
- Special issue on rare earth elements. I am still searching for interested authors – not many people have been working on rare earths during the last couple of decades.

Looking at the very broad range of topics represented in a typical issue of NRR, I wonder how many specialists find the journal useful. A generalist like me loves it but it may be time to think back on the original purposes of the journal and how it will fit into the IAMG publications lineup in the future.

## **IAMG Memoirs: Studies in Mathematical Geosciences, by Joanne De Graffenreid, Editor.**

Oxford University Press continues to be pleased with the partnership with IAMG for the **Studies in Mathematical Geosciences** series. Phyllis Cohen (OUP's Publishing Editor for the series) is just beginning the review process for a new project which could be the 9<sup>th</sup> book in the series - Principles of Mathematical Petrophysics by John Doveton from the University of Kansas. Phyllis hopes to have the reviews of the proposal in hand by the end of the summer and will look to make a decision about the project from there.

OUP also just recently reverted the rights for the paperback edition of book #6, *Modern Spatiotemporal Geostatistics*, by George Christakos. Dr. Christakos will be pursuing the publication of a paperback edition with Dover Publications.

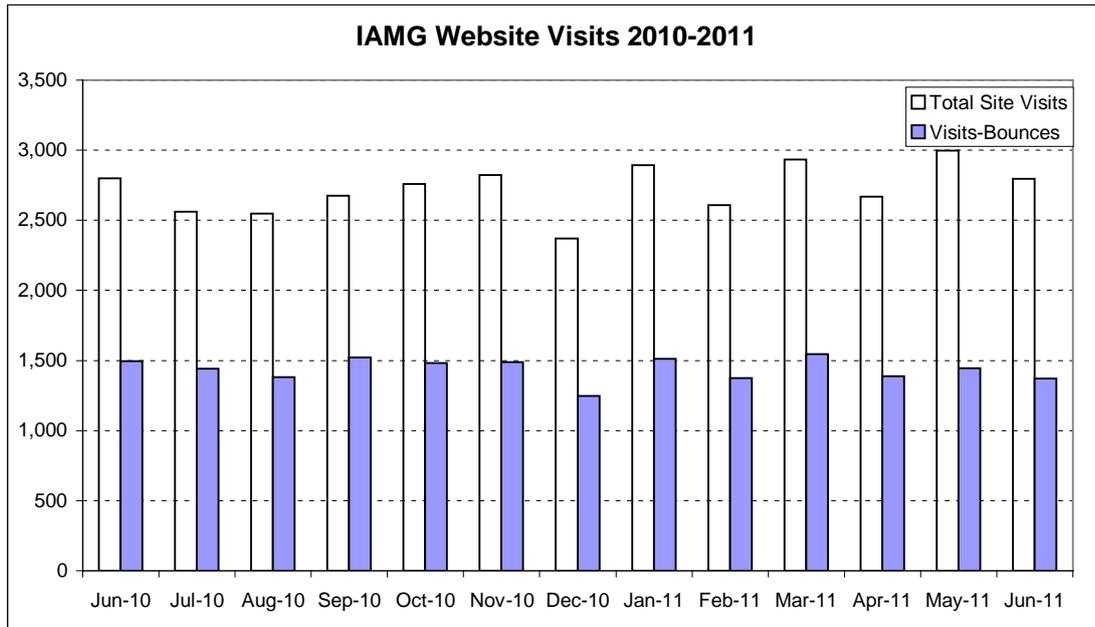
Below is a listing of the books in the series and the number of copies sold. *Statistical Methods for Estimating Petroleum Resources* by P.J. Lee is still in print and is included in OUP's mathematics catalogues and conference promotion.

### **Studies in Mathematical Geosciences**

1. **Use and Abuse of Statistical Methods in the Earth Sciences**, by William B. Size, Ed., 1987 – 1,509 copies sold. Out of print
2. **Oil and Gas Forecasting: Reflections of a Petroleum Geologist**, by Lawrence J. Drew, 1990 – 642 copies sold. Out of print.
3. **Geostatistical Glossary and Multilingual Dictionary**, by Ricardo A. Olea, Ed., 1991 – 803 copies sold. Out of print.
4. **Techniques for Determining Probabilities of Geologic Events and Processes: A Review**, by Regina L. Hunter & C. John Mann, Eds., 1992 – 722 copies sold. Out of print.
5. **Computers in Geology: 25 Years of Progress**, by John C. Davis & Ute Christina Herzfeld, Eds., 1993 – 655 copies sold. Available in print.
6. **Modern Spatiotemporal Geostatistics**, by George Christakos, 2000 – 1,009 copies sold. Available in print.
7. **Geostatistical Analysis of Compositional Data**, by Vera Pawlowsky-Glahn and Ricardo A. Olea. 2004 – 472 copies sold. Available in print.
8. **Statistical Methods for Estimating Petroleum Resources** by P.J. Lee, 2008 – 284 copies sold. Available in print.

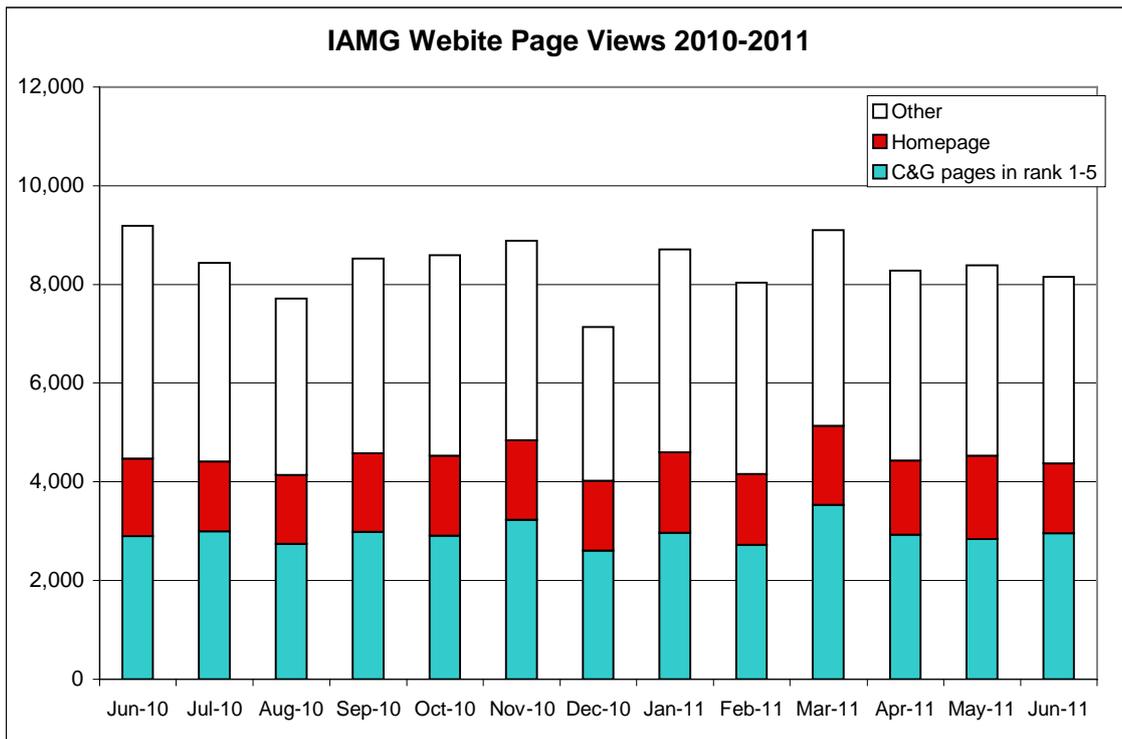
## Newsletter and Website Report, by Harald Poelchau, Editor

The **IAMG website** has been fairly stable during the last year. Matt Deir of Dragonfly, our design and IT contractor, has been responsive in occasional emergencies and to requests for minor design changes. My time has been spent mostly on updating various pages and links as new information becomes available. The major change has been the migration of the member database and other membership functions to the new IAMG Membership Services website which is managed by Regina van den Boogaart. It is linked directly from the main IAMG website and also contains the message forum which is used regularly by the Council for discussions, voting and as an archive.



Based on monthly Google Analytics reports, visits to our website have been fairly steady during the year but at a slightly lower level than the previous year (ca. 15%). The first chart (above) shows total number of hits each month and, in blue, the visits that continued on to other pages on our website. Again this year, the greatest attraction, drawing more than a third of the visits (page views on second chart, below) appears to be Computers & Geosciences and especially its archive of Published Program Code which accounts for more than half of the C&G hits.

Most of the visits come from (in order of frequency): US, Canada, China, Germany, and India. However, in October 2010 Iran, Italy, and UK (and in Nov. Australia) jumped ahead of Germany and India. Most visitors (90%) use Internet Explorer, Firefox, or Chrome as browser.



Two **IAMG Newsletters** have been issued and mailed since the last report: NL81 (12 pages) in December 2010 and NL82 (16 pages) in May 2011. As usual, both are available for download from the IAMG website.

Since the E&M office contract has been discontinued, it has been up to me to get the Newsletter printed and mailed. This has added considerable effort and time to the production. I have finally found a reliable printer in Dallas, but the manual mailing preparation is still time consuming. The low number of pages reflects our caution during uncertain economic times in keeping the expenses low: both printing cost and postage go up with the number of pages. For the last Newsletter, 16 pages exceeded (just barely) the 2 ounce postage limit; by using a slightly lighter weight of paper we saved about \$300.

## Awards committee – annual report 2011

### Members:

Jef Caers (chair)

Christien Thiart (University of Cape Town, South Africa) 2009-2013

Jack Schuenemeyer (Southwest Statistical Consulting, Cortez, CO, USA) 2010-2014

Raimon Tolosana-Delgado (Universitat Politècnica de Catalunya, Barcelona) 2010-2014

Shuyun Xie (China) 2011-2015

Ex-officio member: Secretary General Dan Tetzlaff

### Accomplishments of the committee

New active members were recruited for the committee to replace the outgoing members

Yongzhang Zhou, Simon Cox and A. Viktorov

### New members

John Schuenemeyer

Shuyun Xie

Raimon Tolosana

Based on the scores of the committee two awards were given

2011 Chayes Prize: Istvan Dunkl

2011 Vistelius Award: Olena Babak

### Issue: Laudatios

In collaboration with Heinz Burger, we attempting to publish “lost” laudatios of previous award winners in Computers and Geosciences, however, Elsevier is no longer willing to publish them in the Journal, we need to discuss alternatives

Laudatio writers for this year have been identified and are Clayton Deutsch (Olena Babak) and Raimon Tolosana (Istvan Dunkl). Laudatio for Ana Militino Fernandez (Griffiths last year) still needs to be published

## **IAMG Distinguished Lecturer (DL) Committee Report: August 1, 2010 – July 31<sup>st</sup>, 2011**

*Sean A. McKenna, July 29, 2011*

### ***Current Voting DL Committee Members***

Sean McKenna, Chair	Sandia National Laboratories
Qiuming Cheng	York University
Tim Coburn	Abilene Christian University (Moving to Univ. of Tulsa)
Sanjay Srinivasan	University of Texas Austin
Jaime Gomez-Hernandez	Universidad Politechnia Valencia

The current DL is Dr. Amilcar Soares from the Instituto Superior Tecnico, Lisboa, Portugal. The previous DL is Dr. Roussos Dimitrakopoulos, from McGill University, Montreal, Canada. Dr. Dimitrakopoulos began his tenure in January of 2009 and it ran through December of 2010.

The traditional tenure of each DL has been for a single calendar year: January 1 to December 31<sup>st</sup> and this schedule was followed through 2008 when Don Myers was the DL. In the spring of 2009, the IAMG Executive Committee decided to extend the tenure of the DL to a two-year term. This extension saved costs by providing the DL travel allowance of up to \$10,000 (US) spread over a two year period instead of the previous approach where it was provided each year. Dr. Dimitrakopoulos served as DL for this two-year period. With the start of Dr. Soares' term as DL in January of 2011, we have moved back to the one-year appointment. Dr. Soares will complete his tenure in December of 2011.

The DL committee has already selected Dr. John "Jack" Schuenemeyer as the 2012 IAMG DL. Dr. Schuenemeyer's tenure will begin in January, 2012, and he is currently preparing lecture topics and will give a brief presentation at the 2011 Annual Meeting in September.

Due to the DL tenure crossing multiple IAMG reporting periods, summaries of both the 2009-10 DL (Roussos Dimitrakopoulos) and the 2011 DL (Amilcar Soares) are provided below.

### ***2010 Update: DL Dr. Roussos Dimitrakopoulos***

Dr. Dimitrakopoulos finished his two-year DL tenure in December of 2010. A listing of the 15 presentations he gave while DL is included on the next page. Those presentations denoted by **REMOTE** were done using videoconferencing technology. Dr. Dimitrakopoulos reached a total audience of over 500 people during his DL tenure in Chile, Greece, Canada, United States, Australia, France, South Africa and the Netherlands. Additionally, a special thanks are due to Dr. Dimitrakopoulos who self-funded his entire DL tenure through his own research funding resulting in a total cost of zero dollars to IAMG.

## ***IAMG DL PRESENTATIONS 2009-2010***

1. DIMITRAKOPOULOS, R. (2010): Optimization in mine design and production scheduling with uncertain ore/metal/waste supply. November, AusIMM, Perth, Australia
2. DIMITRAKOPOULOS, R. (2010): Optimization in mine design and production scheduling with uncertain ore/metal/waste supply. October, Delft, The Netherlands - **REMOTE**
3. DIMITRAKOPOULOS, R. (2010): New high-order simulations with spatial cumulants: Modelling complex, non-Gaussian geological and environmental phenomena. September, U Nancy. **REMOTE**
4. DIMITRAKOPOULOS, R. (2010): New high-order simulations with spatial cumulants: Modelling complex, non-Gaussian geological and environmental phenomena. IAMG 2010, Budapest
5. DIMITRAKOPOULOS, R. (2010): Optimization in mine design and production scheduling with uncertain ore/metal/waste supply. July 7<sup>th</sup>, GASA, Johannesburg, South Africa. (Fanie Neil, Anglo American; 18 participants and Danie Krige)
6. DIMITRAKOPOULOS, R. (2010): New high-order simulations with spatial cumulants: Modelling complex, non-Gaussian geological and environmental phenomena. June 10th, ITC, University of Twente, Netherlands. (Freek van der Meer; 21 participants) **REMOTE**
7. DIMITRAKOPOULOS, R. (2010): Optimization in mine design and production scheduling with uncertain ore/metal/waste supply. April 7<sup>th</sup>, University of Alberta, School of Mining and Petroleum Engineering, Edmonton, Alta, Canada. (Clayton Deutsch; 22 participants)
8. DIMITRAKOPOULOS, R. (2010): New high-order geostatistical simulations for complex, non-gaussian and non-linear attributes of mineral and petroleum deposits. April 8th, 2010 – Lecture at the University of Alberta, School of Mining and Petroleum Engineering, Edmonton, Alta, Canada. (Clayton Deutsch; 40 participants)
9. DIMITRAKOPOULOS, R. (2010): High-order geostatistics: Simulating complex, non-Gaussian and non-linear geological phenomena. January 28th. The University of Kentucky, Earth and Environmental Sciences, Lexington, KY, USA. (17 participants; D. Ravat.) **REMOTE**
10. DIMITRAKOPOULOS, R. (2010): High-order stochastic simulation of complex spatially distributed natural phenomena using spatial cumulants, March 18<sup>th</sup>. Geostatistical Association of Australasia, Perth, WA, Australia. (32 participants; Ute Mueller)
11. DIMITRAKOPOULOS, R. (2009): High-order geostatistics: Simulating complex, non-Gaussian geological and environmental phenomena. August, Stanford University, Stanford, Ca, USA (70? participants; Jeff Caers)
12. DIMITRAKOPOULOS, R. (2009): Stochastic mine planning optimization: New concepts, applications and value in an ever uncertain market. Keynote, APCOM 2009, Vancouver. (95? Participants)
13. DIMITRAKOPOULOS, R. (2009): Mining geostatistics revisited: From ore supply to market demand while harnessing uncertainty", Keynote, Energy and Resources 2009, Goslar, Germany. (150? Participants; )
14. DIMITRAKOPOULOS, R. (2009): Aspects of environmental geostatistics. U of Athens May, Athens Greece. (15 Participants; Maria Economou) **REMOTE**
15. DIMITRAKOPOULOS, R. (2008): An extended view of mining geostatistics: Integrating short- and long- term mine production forecasting under uncertainty and application in a major gold mine. December. The University of Chile, Santiago, Chile. (8 participants; Xavier Emery)

**2011 Update: DL Dr. Amilcar Soares:**

To date, Dr. Soares has completed 7 presentations and a one-day workshop. The host institutions or professional societies, and titles of his presentations are listed in the table below. The presentations and one-day workshop have reached an audience of nearly 300 people in Abu-Dhabi, Portugal, Brazil (multiple locations), and Germany. Note the audience of 120 at a presentation at the State University of Sao Paulo on soil characterization. Dr. Soares has encouraged them to start a student chapter of IAMG. Dr. Soares has several additional presentations planned through the remainder of 2011.

<b>Host Institution</b>	<b>Presentation/Workshop Title</b>	<b>Audience</b>	<b>Date</b>
Petroleum Institute of Abu-Dhabi	New methods of stochastic seismic inversion in Petroleum Applications of Geostatistics	23 (students and staff)	4/18/2011
Emirates Society of Geosciences (ESG), Abu Dhabi	New methods of stochastic seismic inversion in Petroleum Applications of Geostatistics	19 (Geophysicists, Geologists from petroleum companies)	4/19/2011
Faculty of Sciences, University of Lisbon	Monitoring and control of desertification and drought phenomena by using geostatistical methods with Earth Observation data	20 Students, 5 staff	5/4/2011
University of S.Paulo (USP) . S.Paulo Brasil	Introduction to geostatistics for environmental applications and natural resources evaluation: Basic concepts and examples	25 (20 MSc students, 5 staff)	5/16/2011
State University of S.Paulo (UNESP) . Rio Claro. Brasil	Introduction to geostatistics for environmental applications and natural resources evaluation: Basic concepts and examples	50 (40 students, 10 Staff)	5/18/2011
Symposium of Geostatistics applied to Agronomy, Botucatu. Brasil	Stochastic Simulation for Soil Quality Characterization	120 participants	5/19/2011
Univerty of Minho. Portugal	Introduction to geostatistics for environmental applications and natural resources evaluation: Basic concepts and examples	20 (15 MSc students, 5 staff)	6/3/2011
University of Freiberg . German.	<b>Short Course (one day)</b> - Introduction to Geostatistics	18 PhD students	6/7/2011

## **IAMG Georges Matheron Lecturer (ML) Committee Report: July 31<sup>st</sup>, 2010 - August 1, 2011**

Qiuming Cheng, August 18, 2011

### **Current Voting ML Committee Members**

Qiuming Cheng, York University, Canada/China University of Geosciences

Katsuaki Koike, Kumamoto University, Japan

Jean Serra, École des Mines, France

### **Current ML**

Three nominations were received for this year's ML. Dr. Behara Seshadri Daya Sagar, an Associate Professor and Head of the Systems Science and Informatics Unit (SSIU) at Indian Statistical Institute, was selected as 2011 ML. A short laudatio was prepared by Jean Serra which is attached to this report. Dr. Sagar is going to deliver his keynote lecture at the annual conference in Salzburg, 5-9 September, 2011.

### **Past MLs:**

2010 Dr. Donald A. Singer (United States Geological Survey), title of keynote lecture: Solving the Wrong Resource Assessment and Exploration Problems Precisely

2009 **Jean-Laurent Mallet** (École Nationale Supérieure de Géologie, Nancy Université, France), title of keynote lecture: GeoChron: A Mathematical framework for sedimentary geology

2008 **Adrian Baddeley** (Univ. of Western Australia), title of keynote lecture: Special point process models on exploration geology

2007 **Wynand Kleingeld** (De Beers, South Africa), title of keynote lecture: Narrating on a journey to solve a sampling problem

2006 **Jean Serra** (École des Mines, France), title of keynote lecture: Random set modelling

## ONE-PAGE BIO-DATA OF DR. B. S. DAYA SAGAR

Dr. Behara Seshadri Daya Sagar was born in Eluru, Andhra Pradesh, India. Dr. Daya Sagar is an Associate Professor and Head of the Systems Science and Informatics Unit (SSIU) at Indian Statistical Institute. He holds a B.Sc. (1987) in Geology from the Andhra University, and a M.Sc. (1991) and Ph.D. (1994) in Geoengineering and Remote Sensing from the Faculty of Engineering of the Andhra University. He held various research positions starting his research career as a Project Fellow (1991-92), CSIR- Senior Research Fellow (1992-94), Research Associate (1995), DST Young Scientist/Principal Investigator (1996-97), and again as Research Associate in 1998. Dr. Sagar spent over two years (1998-2001) as a Grade-A Research Scientist in the Centre for Remote Imaging Sensing and Processing (CRISP) at the National University of Singapore before taking an Associate Professor position in the Faculty of Engineering and Technology at the Multimedia University-Malaysia in 2001. He has moved to the Indian Statistical Institute in 2007, and has been the founding Head overseeing the activities of SSIU. He has done very significant work on mathematical morphology applied to terrestrial geomorphology and geospatial computing. He is primarily interested in applications of fractals, multifractals, mathematical morphology and 1-D maps to deal with various aspects of geomorphic and geophysical phenomena (e.g. water bodies, channel networks, sand dunes, symmetrical geological fold). To deal with these studies, he has used nonlinear mathematical morphological concepts to understand the spatio-temporal dynamics in discrete space; and fractals, multifractals and 1-D maps to characterize and quantify the heterogeneities in spatio-temporal dynamics in discrete space. His interests also include the usage of multiscale and multi-temporal digital elevation models derived from various remotely sensed data to extract complex topological information further to characterize these features and to quantify the degree of heterogeneities which are of interest to geomorphologists and geophysicists. He is also involved in applying fractals and non-linear transformations to generate fractal graphics/fractal landscapes, and watershed algorithms for map based hydrological modeling. The applications of the research works, where he is involved, can be foreseen in the fields of simulation and modeling of various surface processes, analysis of remotely sensed satellite digital data and digital elevation models, geocomputation, and spatial analysis. His recent interests include modeling and simulation of lake dynamical behavior in a lattice space. Under his supervision, FIVE doctoral degrees and TWO MENGSc (by research) degrees have been awarded. He has over 55 scientific publications to his credit in renowned international journals, which are indexed in Institute for Scientific Information. His research results have been published in various international journals such as Journal Geophysical Research-Solid Earth, Journal Geophysical Research-Atmospheres, Geophysical Research Letters, Water Resources Research, Nonlinear Processes in Geophysics, IEEE Geoscience and Remote Sensing Letters, IEEE Signal Processing Letters, IEEE Transactions on Power Delivery, Signal Processing, Chaos Solitons & Fractals, Computers & Geoscience, Current Science, Discrete Dynamics in Nature and Society, Fractals, International Journal of Remote Sensing, IEEE Transactions on Pattern Analysis and Machine Intelligence, IEEE Transactions on Visualization and Computer Graphics, and Journal Mathematical Geoscience. He has been an invited editor for special issues of Mathematical Geosciences (in memory of the Late Professor SVLN Rao), International Journal of Pattern Recognition and Artificial Intelligence (Quantitative Image Morphology), Chaos Solitons & Fractals (Fractals in Geophysics), and a special section on "Surficial Mapping" for I.E.E.E Geoscience and Remote Sensing Letters (GRSL), International Journal of Remote Sensing (Spatial Information Retrieval, Analysis, Reasoning and Modelling), which are released in 2001, 2003, 2004, 2005, and 2010. He is currently serving as an International Editorial Board member of Discrete Dynamics in Nature and Society: a Multidisciplinary Research and Review Journal and served as an Associate Editor of IEEE GRSL (2004-06). He has reviewed books and scientific articles for University Press (India), IEEE GRSL, Chaos Solitons & Fractals, Computers & Geosciences, International Association for Pattern Recognition, International Journal of Pattern Recognition and Artificial Intelligence, International Journal of Remote Sensing, Journal Mathematical Geology, Discrete Dynamics in Nature and Society, IEEE Transactions on Pattern Analysis and Machine Intelligence, Tribology, IEEE Transactions on Geoscience and Remote Sensing, IEEE Geoscience and Remote Sensing Letters. He has delivered lectures/talks as participant/contestant/invited speaker/guest faculty in Andhra University, A.P. Akademi of Sciences, Indian National Science Academy (INSA), Tata Institute of Fundamental Research, United Nation's affiliated Centre for Space Science Technology Education-Asia Pacific Region (CSSTE-AP), Centre for Remote Imaging Sensing, Processing, National University of Singapore, Multimedia University, Malaysia, Indian Statistical Institute-Kolkata, University of Hyderabad, and at Bangalore University. He is a recipient of Dr. Balakrishna Memorial Award from Andhra Pradesh Akademi of Sciences in 1995. He is a recipient of prestigious Krishnan Gold Medal-2002 from Indian Geophysical Union. He was a finalist, for INSA young scientist medals in 1996 and 1998, and Swarnajayanthi Fellowship 1999. He was a short-term visiting fellow at Jawaharlal Nehru Centre for Advanced Scientific Research, Tata Institute of Fundamental Research, and Indira Gandhi Centre for Atomic Research. He was an elected Fellow of Royal Geographical Society (FRGS), Fellow of Indian Geophysical Union, and was a member of New York Academy of Science during 1995-96. He is an elected Senior Member to IEEE (Geoscience and Remote Sensing Society, and Computer Society). He is a technical Program Committee (TPC) member of IGARSS 2006, 2008, 2009, 2010, 2011. For more details regarding his research works and professional activities, his official homepage may be referred at <http://www.isibang.ac.in/~bsdsagar/>. He can be reached via e-mail [bsdsagar@isibang.ac.in](mailto:bsdsagar@isibang.ac.in), [bsdsagar@yahoo.co.uk](mailto:bsdsagar@yahoo.co.uk).

## **Report on Curriculum Quality Committee activities, period September 2010 – August 2011**

### Background and Motivation

IAMG has founded the Curriculum Qualification Committee (CQC) in 2009. It aims at the development of detailed criteria for accreditation of university curricula on a graduate level which focus on Mathematical Geosciences (as defined by the IAMG journal Mathematical Geosciences).

This report summarizes the activities since the council meeting during the last IAMG in Budapest in September 2010.

### Members

By the time of this report the following members actively served in the CQC

Heinz Burger/FU Berlin, Germany

Michael Hohn/ West Virginia Geological and Economic Survey US

Amilcar Soares/Technical University of Lisbon, Portugal

Maria-Th. Schafmeister/Greifswald University, Germany.

There is still room for one additional member in this committee. Any suggestions are welcome.

### Activities:

After having clarified the goals of the accreditation certificate, its potential recipients and pre-conditions in 2009-2010 the committee has (i) officially advertised the accreditation activity and (ii) successfully processed the first full accreditation procedure:

- (i) Since the end of January 2011 two word.doc forms can be downloaded from IAMG's web site, one containing instructions and an example application form, the other one the official application form. The application form is a short 2-page form asking for the description of content of courses as well as background of course staff.

The forms can be found on the CQC- page within IAMG.org. We suggest, however, advertising the accreditation opportunity on the main HOME-page of IAMG for better visibility also for non-IAMG members.

- (ii) February 23, Josep Antoni Martín Fernández on behalf of the CoDaGroup (University Girona, Spain) submitted the filled forms for the course "Course and Open Seminar on Compositional Data Analysis". They have been checked by the committee members. By March 25, 2011 the course has been positively accredited by the attached letter.

Two questions arose from this first accreditation:

- a) Should the accreditation of curricula be limited to a certain period (say 2 or 4 years)?
- b) CQC recommends courses for accreditation. Who will finally sign the accreditation letter, the committee, IAMG council or the President?

The members of CQC hope for fruitful discussion of its report.

## MEETINGS COMMITTEE REPORT 2010-2011

IGC Councilor Simon Cox resigned last Spring. At his suggestion, Council nominated E. June Hill as his replacement. They are both with CSIRO. The IGC Councilor is an automatic member of the Committee.

Main business since the last annual report was:

- Assistance to the organizers of IAMG concerning details in IAMG2011 program, particularly the scheduling of the Matheron Lecturer and presentation of the major awards.
- Processing of a request by Vaclac Nemeč asking the Association to be an official sponsor of the Příbram Mining Symposium scheduled to take place in Příbram, Czech Republic, in October 2011. The application did not involve financial support. The Committee and Council approved the request.
- Scheduling of 15 sessions as part of the participation of the Association in the 34<sup>th</sup> International Geological Congress to be held in Brisbane next year. The sessions are part of the program of three symposia (4.3, 5.1, 5.6), with 13 of them in Symposium 5.6 solely sponsored by IAMG (<http://www.iamg.org/images/File/documents/IGC2012/IAMG12sessions.pdf>).
- Organization of the bidding process for IAMG2013. The Committee ended receiving only a carefully crafted proposal by the Spain Geological Survey. Upon our recommendations, Council approved the proposal without amendments to have the conference in Madrid, 2–6 September.
- Sending out invitations to organize IAMG2014. At the moment, the only reaction has been questions by N. Janardhana Raju, School of Environmental Sciences, Jawaharlal Nehru University in New Delhi. Unofficially, the Committee has heard of tentative interest by Jack Schuenemeyer and Ute Herzfeld to organize an IAMC conference in Denver and of Karl Gerald van den Boogart to host IAMG2015 in Freiberg.

Qiuming Cheng, Council representative  
E. June Hill, IGC Councilor  
Jaime Gómez-Hernández, member  
Ricardo A. Olea, Chairman  
18 July 2011

**Annual Report  
Student Affairs Committee  
Helmut Schaeben, Chair, Freiberg, Germany**

This year we received 6 annual reports from our student chapters at

- China University of Geosciences (China),
- TU Bergakademie Freiberg (GER),
- Ecole Nationale Supérieure de Géologie, Nancy (FR),
- University of Szeged (HU),
- Twente University (NL),
- Sun Yat-sen University (China),

and one "no-report" message from Boulder, University of Colorado (USA).

The first however preliminary conclusion is that the student chapter at Boulder does not exist anymore at this moment. Hopefully, Ute Herzfeld will successfully revitalize it.

The 6 remaining student chapters seem to do well.

The activities in Twente, Nancy and Freiberg are appreciated by the (active members of the) committee.

Maybe I am to severe, but it happens that I just know that the report from Freiberg is flawed by some minor errors (the Matlab course took place in June 2011, not in August 2011; the short course "Numerical Geodynamic Modeling with MATLAB" to be taught by Taras Gerya from ETH Zurich is not a genuine activity of the student chapter, but the chapter is involved).

The report by Szeged is entitled "Financial Report 2010" and even as such short to its detriment. It is not the kind of annual report we expect. I asked the chapter twice to send a largely revised report including information concerning their membership, and educational and scientific activities but all I received until today was an announcement of a proper report.

The two chapters in China submitted reports where for instance information on the content of numerous short courses has been replaced by pictures of happy participants. This may be a cultural thing, but the reports require some optimism to judge.

Thus, the reports from Szeged, Sun Yat-sen, and Wuhan are not well focused, nevertheless the (active members of the) committee is positively impressed.

The recommendation is to fund each student chapter except Szeged with US\$ 1,000, and to fund Szeged with 500 US\$.

These reports may be a good occasion to think about the role of the faculty advisors of our student chapters with respect to the annual report. Should they be more involved?

Freiberg, Aug 23, 2011



**Report on Facebook Group/Page**  
for International Association for Mathematical Geosciences  
by  
Faisal Shahzad  
University of Tuebingen

## 1. Background

The whole story starts on 15<sup>th</sup> of May 2010, when I wrote an email to Prof. Dr. Helmut Schaeben regarding the representation of IAMG in digital media. The idea was to prepare a group page of IAMG on famous social networking website i.e. Facebook. This idea was further discussed with President of IAMG (Prof. Vera Pawlowsky-Glahn) and Secretary General of IAMG (Dan Tetzlaff) on August 23, 2010. A final approval to start this activity was allowed on 11 November 2010.

## 2. Activity

A Facebook account with the email address ([pac@iamg.org](mailto:pac@iamg.org)) was created. Eric Grunsky provided this email id. Using this id, I created a page with the name “**International Association for Mathematical Geosciences**”. After creating this page, I started inviting the people to be the part of this page and in the beginning about 20 people joined us. As I was working for a consultant company and was out in the field so I couldn't really maintain this page after 26 November 2010. I came back to Germany by the end of January and started my new job in March 2011 at the University of Tuebingen. So because of this shifting from Freiberg to Tuebingen, I couldn't get focused on this page. I occasionally posted some stuff to this page and asked people to join us. By the time of writing this report, I have about 44 members on this page, though this is really not a good work in the past 8 months. Beside this, I have recruited/convincing student members from my recent short courses in Freiberg and Tuebingen.

## 3. Future/ Goals

As mentioned earlier, in past 8 months we have about 44 members and little bit information on our page. Here, I would like to write down some of the future objectives to improve our visibility in this media. .

- Until now, I don't have access to the email list of IAMG members, so that we know about the presence of our existing members in Social Networking sites. This should be top priority.
- A flow of information should be defined so that all the IAMG related information is also disseminated over the social media pages.
- Proper advertisement of Facebook page on IAMG or related websites.
- Posting of links to newly published papers with IAMG journals, discussion groups and etc.
- Other suggestions are welcome.