MINUTES OF IAMG 2012 COUNCIL MEETING

Place: International Geological Congress in Brisbane, Australia
Room: Merivales Boardroom 1
Date: August 6, 2012
Time: 7 PM to 10:30 PM

The outgoing Council of the International Association for Mathematical Geosciences held its 2012 annual meeting on August 6th at the venue of the International Geological Congress in Brisbane, Australia. This was the final meeting of this Council. Its members ended their appointments the following day (August 7th) upon adjournment of the IAMG General Assembly.

Voting members 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)
June Hill (Councilor)
Katsuaki Koike (Councilor)

Non-voting Council members present at the meeting were:
Harald Poelchau (editor, Newsletter and Website)

Other IAMG authorities present at the meeting were:
Ricardo Olea (Chair of the Meetings Committee)
Helmut Schaeben (Chair of the Student Affairs Committee)
Jennifer McKinley (incoming Executive Vice President)
David Collins (incoming Treasurer)
Raimon Tolosana-Delgado (incoming Vice President)
Yongqing Chen (incoming Councilor)
Gang Liu (incoming Councilor)

The meeting was called to order at 7 PM. A quorum (consisting of at least six Council members including at least two executives) was present.

President Vera Pawlowsky-Glahn delegated the task to moderate the meeting to Secretary General Daniel Tetzlaff.

The Agenda for the meeting was approved unanimously.

The executives presented the following reports (the complete text of all reports is provided separately):

President Vera Pawlowsky-Glahn: President's report.
Vice President Qiuming Cheng: Vice President's report.
Secretary General Daniel Tetzlaff: Secretary General's report.
Treasurer Jorgina Ross: Treasurer's report and budget

The following reports were also presented or mentioned:
Awards Committee Report (by Jef Caers)
Distinguished Lecturer Committee Report (by Sean McKenna)
Matheron Lecturer Committee Report (by Qiuming Cheng)

Meetings Committee Report (by Ricardo Olea)
Publications Committee Report (by Graeme Bonham-Carter and all Editors)
Student Affairs Committee Report (by Helmut Schaeben)

There was no report from the Curriculum Quality Committee. The chair (Maria-Theresia Schafmeister) had previously indicated to the Council that there was no activity in the committee during the past year.

The meeting proceeded to discuss new business. It was agreed that only motions that directly affect the current Council would be brought up for vote, because other matters should be more properly left to the incoming Council.

Motion 1 (passed):

"The incoming Council, Executive and Committees shall have access to all website bulletin board entries of the corresponding outgoing groups."

Comments: This provides continuity and easy location of information. However, it was proper to ensure that the outgoing authorities did not object to having their entries seen by the incoming ones.

Motion 2 (passed):

"Paper mail received at the Houston mailbox shall be forwarded to the incoming Treasurer David Collins".

Comments: Because no incoming Council member resides in Houston, mail will be forwarded automatically by the mail box provider (United Parcel Service) to the Treasurer, since most paper mail is related to Treasurer business (bills, payments in the form of checks from members), and the incoming Treasurer resides within the United States, which makes forwarding less expensive and faster.

Additional issues were discussed, but forwarded to the incoming Council, including:

- The need to appoint new committee chairs and members, including possibly for the Awards Committee, Meetings Committee, and Curriculum Quality Committee.

- The possibility of replacing the provider of network hosting services for the main Web site, in order to reduce costs.

The meeting was adjourned at approximately 10:30 PM.

Daniel M. Tetzlaff
IAMG Secretary General
danieltetzlaff@aol.com

Awards committee – annual report 2012

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 Politécnica de Catalunya, Barcelona) 2010-2014

Shuyun Xie (China) 2011-2015

Ex-officio member: Secretary General Dan Tetzlaff

Accomplishments of the committee

All previous missing laudatios have now been published. All 2011 laudatios have been published or are in that process.

Based on the scores of the committee two awards were given

2012 William Christian Krumbein Medal: Eric Grunsky

2012 John Cedric Griffiths Teaching Award: Helmut Schaeben

Laudatios

I have sent e-mails to Ricardo Olea and Frits Agterberg to sent Laudatios to be published in Mathematical Geosciences by September 1, 2012

Issues

I am stepping down one year earlier than my tenure appointment due to my other duties as Editor-in-Chief. I am not aware of the fact that a successor has been appointed.

President's report

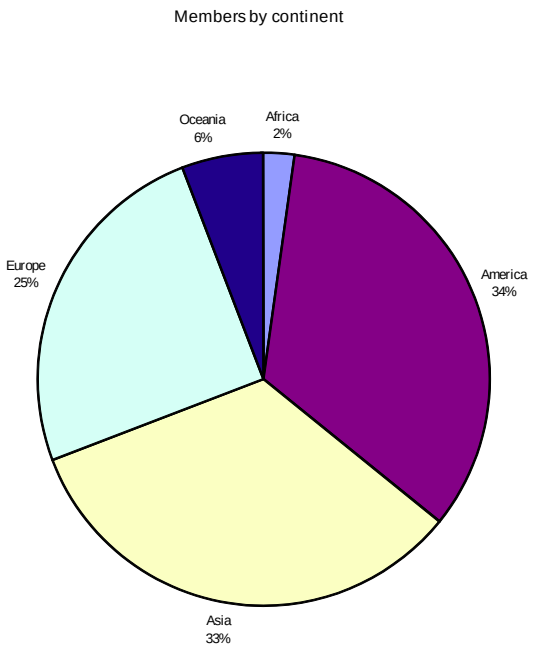
Canberra, July 9, 2012.

With the 34th IGC my term as President of IAMG ends. These four years were not an easy time, mainly due to the world-wide financial crisis, but also due to personal health problems. Thanks to the great support and good work of all members of the Executive of IAMG, of the Council, of all those who keep the Association running as editors of our journals, the newsletter, the web, as members of the committees, as active participants in all IAMG activities, we have not been seriously hurt by the crisis, and the Association continues running smoothly.

All presidents have tried to leave behind a better Association than they received. I am particularly proud of having started the promotion of mathematical modelling in the geosciences by establishing the Curriculum Quality Committee under the direction of Dr. Maria-Theresia Schafmeister. I still consider this initiative a project in the making and hope that future IAMG administrations see merit on it to continue and advance the program. The idea is to assure that short courses and curricula sponsored by IAMG have a homogeneous, guaranteed minimum level that attracts interested scientists.

I share the opinion that IAMG affairs continue to become more complex and demanding. Ten years ago, the burden on the treasurer reached a limit beyond what was expected to be taken by a volunteer treasurer. The solution was to contract the service of an office support provider. As the reader may know, this office was in Canada and was not exclusively dedicated to IAMG; it serviced several other organizations. By 2010, the 2008−12 Council reached to the conclusion that deterioration in the service was not worth renewing the contract. We took the big step of searching the possibility of having our own office. The solution was to hire Regina van den Boogaart. Although she is in Freiberg, Germany, the official adress of IAMG is in Houston, place of residence of our 2008-2012 Secretary General. Conventional mail comes to a box that we opened there, so that the address has not to be changed when a new secretary general comes into office.

Regina is doing an excellent job, our association is getting more and more professional and the number of members is now 738, a clearly significant and satisfactory increase. In the last newsletter, our web-editor included an interesting pie-chart reflecting the present state, and two thoughts to sustain the growth: support to students (student chapters, student grants), and increase our presence in underrepresented countries. I think both directions should be considered, and I am sure the new Executive and Council will do that. They have an excellent opportunity with IAMG 2014 planned in India!



The present distribution of members by continent is reflected in figure 1.

Another significant move to make the administration of IAMG more efficient and less demanding on the members of the Executive Committee (President, Executive Vice-President, Secretary General and Treasurer) has been completion of restructuration of the Council. Recent amendments approved by electronic balloting intend primarily to decentralize the daily decision making and administrative work by offering the president a better supporting team into which to delegate responsibilities. If the General Assembly at the 34th IGC approves the amendments, in the future the president will be allowed to appoint the secretary general and two ordinary vice-presidents. As a transition, vice-presidents in the 2012−16 Council have been elected by the members.

Trying to better coordinate and support IAMG conferences, Council approved the creation of a meetings committee, something hard to believe that IAMG has not had in the more than 40 years of its existence. Fulfilling the expectations, this committee has provided good guidance to organizers of meetings in the past three years and to the Council in accepting demands of support. In addition, the committee was instrumental in accepting bids and seek approval for the IAMG conference that the current Council was responsible to organize. The Spanish Geological Survey (IGME) will host IAMG2013 in Madrid on September 2-6, 2013. The Jawaharlal Nehru University, New Delhi, India will hold IAMG2014 on October 17-20, 2014. Considering that the 35th IGC will take place in Cape Town, South Africa in July/August 2016, and the 34th IGC takes place this year in Brisbane, Australia, IAMG members have the chance to visit four continents in four years. Note that site selection for IAMG2015 will not take place until next year. Any volunteers from the Americas?

On the more routine side of business, our publications continue in good standing although we have to keep an eye on them, specially now that negotiation of the contract concerning Computers & Geosciences is going on. With collapse of interest rates, royalties from our publications are more than ever our main source of true income. We depend on them, because on the income from royalties we build our policy concerning student support through the Student Affairs Committee, and our support to our annual meetings. Both are essential to promote our mission and to guarantee the continuity of our activities, including that of our publications. The Editors-in-Chief of our journals continue doing a hard work, Dr. Roussos Dimitrakopoulos in front of Mathematical Geosciences, with an ISI impact factor for 2010 of 1.511; and Dr. Jef Caers in front of Computers & Geosciences; with a 5-year impact factor of the journal of 1.632. With the appointment by the Council of Dr. Michael Piasecki as co-editor of Computers & Geosciences we hope the huge amount of work due to the many submissions will be handeled efficiently. We are still looking for a new Editor-in-Chief for Natural Resources Research, as Dr. Keith Long had to step down suddenly for health reasons. We all wish him a good and quick recovery!

The Student Affairs Committee continues to be a great asset to the Association by inviting new generation to become active in quantitative modelling in the earth sciences. In his eighth year as committee chair, Helmut Schaeben continues to be the same enthusiastic driving force. It was quite fitting to hear that he will be the next recipient of our John Cedric Griffiths Teaching Award. Currently there are seven active IAMG student chapters in six countries.

Despite the hard economic times, the Association has been able to keep active the Distinguished Lecture series. Jack Schuenemeyer is the current lecturer. At the 34th IGC in August, in addition of Dr. Helmut Schaeben, who is the 2012 John Cedric Griffiths Teaching Awardee, we will have the chance to meet the 2012 William Christian Krumbein Medallist, Dr. Eric Grunsky. I want to acknowledge the good work of our Awards Committee and of all our members who

sent in nominations. I am proud to announce also a new Honorary Member, Dr. Jean Serra, and the Matheron Lecturer for 2013, Dr. Jean Paul Chilès, both from Fontainebleau. The 2013 Distinguished Lecturer has yet to be decided. My congratulations to all of them for this deserved recognition for their scientific, professional and personal achievements.

The most important step at the end of a term is the election of a new Council and Executive. I am really proud that the election process could be performed through electronic voting without problems, and that the participation reached a height of 48%. The new elected board can look upon a solid support for their mandate. My thanks to all those who participated, to Dr. Dan Tetzlaff and Regina van den Boogaart for setting up and taking care of the voting process, to all those who accepted to be candidates, and my best wishes for a good term to the new board.

Vera Pawlowsky-Glahn

Vice President's report
Beijing, August 2011 - July 11, 2012.

In this VP report, I have listed several events occurred last year. ML, Chinese National Conference, and other activities:

1. The Matheron Lecturer (ML) Committee (Qiuming Cheng, Katsuaki Koike, Jean Serra), has selected Professor Jean-Paul Chilès, MINES ParisTech (Ecole des Mines de Paris) as the 2012 Matheron Lecturer (ML). Professor Chilès is going to deliver a keynote lecture at the 34thIGC in Brisbane August 5 – 10, 2012. A separate report has been prepared with a brief laudation about Dr. Chilès to be introduced in the keynote session during the 34IGC.
2. The proposal for having an IPM on "Probability and weights of evidence in the geosciences" was not accepted by the Organizer Committee of 60th Session of the International Statistical Institute to be held in Hong Kong, China, 25-30 August 2013. The comment was "we received 21 proposals for the 2013 WSC in Hong Kong. It is likely that only 10-12 will be allocated to the IAOS topics. After several discussions with the Executive Committee both in Dublin and afterwards I have to inform you that your proposal will not be recommended as IAOS IPS topic in 2013 WSC. Geosciences is not part of official statistics." Further attempt was made to the committee but there was no response from the committee.
3. A Chinese National Conference on Integrated Prediction of Mineral Resources in Covered Areas and Geoinformatics (IPMRG) was held successfully in Beijing on December 16-18, 2011. It was chaired by Qiuming Cheng and jointly hosted by China University of Geosciences (Beijing, Wuhan), the Division of Resources Evaluation of China Geological Survey, IAMG and IAMG-CN. More than 350 participants from over 50 organizations in China attended the conference. It had 14 sessions and 137 oral and 31 poster presentations. It has invited Ravi Anand from Australia, John H (Jack) Schuenemeyer, Frits Agterberg and other three Chinese Professors delivered plenary lectures at the conference. Several main stream media in China have posted the news about the conference which has increased the publicity of IAMG in China. The IAMG and its executives and council are thanked for nonmonetary support to the event.
4. During the month of May and June of 2012 Qiuming Cheng has visited several universities (Chengdu University of Science and Technology, Sun Yat-Sen University, Jilin University, Beijing Normal University, China University of Geosciences both Beijing and Wuhan, Beijing University) and Government Institutions (China Geological Survey, R&D Center of China Geological Survey, and Institute of Mineral Resources of Chinese Academy of Geological Sciences). He had meetings with Chinese MG groups in those universities and institutes for promotion of IAMG in China. Among several initiatives from the discussions, one suggestion is to setup a group for research labs involving MG and Geoinformatics in China. There are about 10 – 20 research labs in Chinese Institutions where researchers conduct research in MG and Geoinformatics. This initiative will be further discussed during the Chinese National conference on MG to be held in Chengdu in later the year. A new IAMG-CN website has been up running which has posted a lot about IAMG in both Chinese and English.

REPORT OF THE SECRETARY GENERAL 2012
(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.

Online Business

The practice of conducting Council business (discussions and votes) using the online bulletin board appears to be successful and is firmly established. Similarly, the General Election for new voting Council Members was conducted mostly online (with the option to vote by paper ballot, fax or email) and was also completed successfully.

Resolutions

Resolutions passed by the Council during the 2011 meeting in September 2011 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; you must log in as an IAMG member to access this link):

- **23/Apr/2012: Appoint J. Serra as Honorary Member**: „The IAMG shall offer an Honorary Lifetime Membership to Jean Serra".

- **08/May/2012: Grant to GeoEnv 2012**: „The IAMG shall provide a grant of U$S 3000.- to geoENV2012, as requested by Jaime Gomez-Hernandez".

- **24/Mar/2012: Accept proposal for IAMG 2014**: „The proposal presented by the Jawaharlal Nehru University of New Delhi, India, to hold the IAMG 2014 Annual Conference on October 17-20, 2014, is accepted without modifications".

- **22/Nov/2011: Loan for IAMG2013**: „The IAMG shall provide a loan of $6000 USD to IAMG 2013 for the purpose of organizing the Conference. No interest will be charged. The loan shall be paid back no later than November 30, 2013. However, if the surplus remaining at the end of the Conference is less than $6000 USD, the amount to be repaid shall be limited to the amount of the surplus. IAMG 2013 will additionally pay the IAMG 30% of the amount that remains (if any) after subtracting the loan payment from the surplus, in accordance with the proposal".

- **22/Nov/2011: Sponsor "Integrated Pred. of Mineral Resources"**: „The IAMG will support the conference on 'Integrated Prediction of Mineral Resources in Covered Areas and Geomatics /MC2011-9'. No monetary funding will be provided".

- **31/Aug/2011: Appointment of candidates for Vice Presidents**: „The Council recommends that the Nominations Commission for the 2012 election appoint candidates for two non-executive Vice Presidents". The candidates for Executive Vice President already proposed by the Commission remain as such, with the agreement of both proposed presidential candidates.

- **31/Aug/2011: Residence of candidates for Treasurer**: „The Council recommends that the Nominations Commission for the 2012 election appoint candidates for Treasurer who are residents of the United States". 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.

Other issues

1. The IAMG report to the International Union of Geological Societies (IUGS) was prepared and submitted in November of 2011. As in the previous year, the IUGS was not able to provide any monetary contribution to the IAMG this year.

2. The IAMG General Election for new voting members of the Council was conducted, ending in April 2012. Additionally, modifications to articles 10 and 11 of the Statutes were approved. Both issues require ratification by the IAMG Ordinary General Assembly, to be held August 7 at the venue of the International Geological Congress in Brisbane, Australia. Details on both of these issues are presented in the Agenda for the General Assembly and will be included in the General Assembly minutes. In all, 309 ballots were received. No voting problems were reported. This is level of participation is remarkable. Although it represents slightly less than 50% of the membership, the previous election (in 2010) only counted with the participation of less than 100 members.

Daniel M. Tetzlaff
IAMG Secretary General

ADDENDUM A
Special report on website hosting services

“Hosting” is a service consisting of renting space on a remote computer in order to put a website on it and connect it to the Internet. The IAMG has two websites linked together but hosted on different sites: The main website (iamg.org) and the membership website (iamgmembers.org). We are paying $2,200.- per year for hosting iamg.org, and $120 per year for hosting iamgmembers.org. An Internet search for “hosting” reveals that the amount that is abnormal is the high one. However, changing the hosting server also costs money and takes time and effort. At the same time, there is a need for website services beyond hosting, such as maintenance (performing backups, software upgrades, and ensuring the site runs smoothly) and perhaps content management (entering, formatting, and “typesetting” information, a job that is not necessarily that of the Web Editor, who should supervise and organize the content)

The IAMG Executive felt that it had the responsibility to clarify or fix this issues in order to avoid passing them on to the next Council. But at the same time it needed time to gather necessary information and did not want to make last-minute decisions whose consequences go well into the term of the next Council. Therefore, the Executive decided to start out by gathering as much information as possible, which I volunteered to attempt.

I consulted with Web Founder Eric Grunsky, Web Editor Harald Poelchau, C&G Editor Jef Caers (who is in charge of managing the C&G code and other information available online). In general, there was agreement that the present cost needs to be balanced against the cost and inconvenience of moving the site to another host. I contacted a number of website services providers in order to find out what the costs and inconveniences are. My preliminary findings are below.

There is a huge number of website service providers. In general, I found two approaches to rehosting (and any number of hybrid possibilities):

1. Move the website as is, which may or may not be possible (depending on internal details). If it is possible, then it is cheaper, easier, and less disruptive than point 2 below, but it still leaves open the problem of maintenance (technical webmaster). In order to move the site, or even to find out whether it is possible and get a cost estimate, it is necessary to have access to all files and databases currently on the site. This access generally requires either the website's administrator user name and password or a full backup of the site. This information should be available, and we hope to clarify it during the IGC.

2. Contract redevelopment and maintenance of the site. These go hand-in-hand because it seems to be hard to find somebody who wants to maintain something they did not develop. On the other hand it is easy to find someone who develops what they will not have to maintain (but who trusts that?). Redevelopment and maintenance cost more than approach 1 but afford the opportunity to take care of deficiencies we have identified, namely: technical maintenance and content management (such as tedious uploading of files). Some providers (such option A below) do not require full access to the site in order to redevelop it (after all they are rebuilding it, not just copying it), so if there is a problem with obtaining full access to the site, this option circumvents it.

Here are some representative estimates (in order of decreasing cost). Keep in mind that there are hundreds more possibilities:

A. Two-roads Media (http://www.tworoadsmedia.com/). They do full management (point 2. above) including hosting, development, maintenance and content management. They will not do anything less than complete service. I personally talked to the CEO on the phone and emailed them a number of additional times, with a quick response. They have looked at the IAMG site and are aware of the complexity of its content. If they take the job, the look and feel of the site would change (but we have a say in how much it changes). They are used to dealing with institutions that do not have any technical knowledge of the web. But they request that all changes in content be routed through them. They guarantee a response time of 24 hours (though they say it is usually 2 hours) and we can make up to one change per day. They also demand to deal with one and only one person in the institution who is responsible for requesting changes in content. This would of course be our Website Editor. So basically Harald would no longer edit the site directly but would send requests by email or phone. The disadvantages are: some loss of direct control, and a delay of up to 24 hours for every change. The advantages: They do all the tedious work of uploading information, including if necessary things like uploading C&G code (which we no longer do on our site, but Jef Caers handles separately; but there may be similar uploading needs in the future, such as proceedings, papers, etc.). Also, they allow the content manager to designate an alternate if he/she is unavailable (for example due to travel), so Harald could designate someone to make urgent changes if he is unavailable. This also eliminates all training costs for possible future content managers and makes it easy to find an alternate, because no web knowledge is needed. Cost: $3,500 for the first year (including redevelopment and first-year hosting and all services), and $750 per year thereafter (all US dollars). This cost includes a surcharge due to the complexity of our content. Redevelopment takes 8 weeks.

B. Network Solutions (http://www.networksolutions.com/). Besides providing our domain-name registration, they also offer hosting and web development services, so it could be nice to have everything together (as we have for the membership site). Their response is good but not personal. They are willing to attempt to port the site for $174 "if everything goes smoothly" (which I doubt), and up to about $2,000 if it doesn't. The yearly cost of hosting is $120. The disadvantages are: no maintenance or content management included. The advantages: cheap, but still a large, responsible, and very well known company and (if the straight porting succeeds) no change to the look and feel. This would be a good alternative if the goal is to continue with a site almost identical to the one we have but at a much lower cost due to the less expensive hosting. Maintenance could still be contracted separately.

C. Dream Host (http://dreamhost.com/). A fairly typical large-scale inexpensive provider, with two interesting twists: (1) It is free to not-for-profit organizations, and (2) (at extra cost) they allow usage of a variety of software that, for example, would let the Council and committees edit iterations of documents like guidelines, etc. in a sort of on-line office (though that type of service can also be found independently of where the main site resides). The "free" aspect certainly demands extra scrutiny (where is the catch?), but before dismissing it outright keep in mind that we are already hosting all our C&G code of 2012 and beyond on a free site (github.com) and Jef Caers reports good results. They will not provide an estimate for porting the site without being able to look into it, but unofficially ventured anywhere from $200 to $2,000.

These services are all in the US. There are many excellent hosting providers in other countries. However, it would be harder for the Treasurer to interact with a provider outside the US if there is any problem. Also, we have in the past had rate-of-exchange issues with providers outside the US (Events Management), but if there are advantages that outweigh these disadvantages,, they might be considered.

For comparison, presently we are paying $2,200 per year to Interspots, which does not include maintenance (which we are or were paying separately to Dragonfly) no content management, and of course no redevelopment (last time we paid around $15,000 to Dragonfly for redevelopment). Option A. above would pay for itself (compared to the present hosting service) in less than 2 years, but in addition *it does include* all the additional services (maintenance and content management). Upon the request of the new Council and the Website Editor (Harald Poelchau) request it, I will be glad to pursue these or other contacts further and to supervise the transition to a new service until its completion.

Daniel M. Tetzlaff
IAMG Secretary General

IAMG Distinguished Lecturer (DL) Committee Report: July, 1st 2011 – June 30th, 2012

Sean A. McKenna, Committee Chair, July 9, 2012

Current Voting DL Committee Members

Sean McKenna, Chair	Sandia National Laboratories
Qiuming Cheng	York University
Tim Coburn	University of Tulsa
Sanjay Srinivasan	University of Texas Austin
Jaime Gomez-Hernandez	Universidad Politechnia Valencia

The current (2012) DL is Dr. John (Jack) Schuenemeyer of Southwest Statistical Consulting, LLC. The previous DL (2011) is Dr. Amilcar Soares from the Instituto Superior Tecnico, Lisboa, Portugal.

The DL committee is currently preparing nominations for the 2013 DL position

Due to the DL tenure crossing multiple IAMG reporting periods, summaries of both the 20010-11 DL (Amilcar Soares) and the 2011 DL (Jack Schuenemeyer) are provided below.

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.

Host Institution	**Presentation/Workshop Title**	**Audience**	**Date**
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:	25 (20 MSc students, 5 staff)	5/16/2011

	Basic concepts and examples		
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.	**Short Course (one day)** - Introduction to Geostatistics	18 PhD students	6/7/2011
University of Évora. Portugal	Introduction to geostatistics for environmental applications and natural resources evaluation: Basic concepts and examples	15 Staff and students	9/21/2011
UPV - Universitat Politècnica de Valencia - Spain	Introduction to geostatistics for environmental applications and natural resources evaluation: Basic concepts and examples	20 (15 MSc and PhD students)	9/27/2011
INRS - Institute Nationale de la Reserche Scientifique - Quebec, Canadá	New methods of stochastic seismic inversion in Petroleum Applications of Geostatistics	20 (15 MSc and PhD students)	11/8/2011
McGill University	Introduction to geostatistics for environmental applications and natural resources evaluation: Basic concepts and examples	15 students and staff	11/9/2011
UQAM (Video conference to INRS ETE (Québec), UQAT (Amos), UQAT (Rouyn-Noranda), École Polytechnique (Montréal)	Introduction to geostatistics for environmental applications and natural resources evaluation: Basic concepts and examples	40 (students and staff)	11/10/2011
École Polytechnique (Montréal)	New methods of stochastic seismic inversion in Petroleum Applications of Geostatistics	20 students and staff	11/11/2011

2012 Update: DL Dr. Jack Schuenemeyer:
To date, Dr. Schuenemeyer has completed nine presentations at eight different institutions. The host institutions or professional societies, abbreviated titles and dates of his presentations are listed in the table below.

Host Institution	**Presentation/Workshop Title**	**Audience**	**Date**
Sandia National Laboratories, Albuquerque, New Mexico, USA	Two lectures: *Gas-hydrate modeling.* And *Analogs, expert judgment, and dependency*	~ 35 researchers and students ~ 11 researchers	17-Nov-11
Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China	*Statistical applications in the earth and environmental sciences using R*	~50 students and professional staff	16-Dec-11
Chinese National Conference on Mineral Resources, Beijing University of Geosciences	*Modeling of gas hydrate resources*	~225 geoscientists and students	17-Dec-11
Earth Science Dept., University of Ottawa, Canada	*Analogs, expert judgment, and dependency*	~40 graduate students and faculty	8-Mar-12
Dallas Geophysical Society, Dallas, TX	*Gas Hydrate Modeling*	48 Geoscientists	22-Mar-12
TNO, Utrecht, Netherlands	*Shale Gas Models*	~32 Geoscientists	18-Apr-12
University of Twente, ITC, Enschede, Netherlands	*Why Statistics Matters?*	~51 graduate students and faculty	19-Apr-12
University of Freiburg, Freiburg, Germany	*Three-day Short Course: Statistical analysis in the earth sciences using R*	15 Graduate students	23 to 25-Apr-12

IAMG Georges Matheron Lecturer (ML) Committee Report: July 31st, 2011 - August 1, 2012

Qiuming Cheng, July 11, 2012

Current Voting ML Committee Members

Qiuming Cheng, York University, Canada/China University of Geosciences, qiuming@yorku.ca
Katsuaki Koike, Kyoto University, Japan, Katsuaki Koike <koike.katsuaki.5x@kyoto-u.ac.jp>
Jean Serra, École des Mines, France, j.serra@esiee.fr

Current ML

Two nominations were received for this year's ML., Prof. J.P. Chilès was selected as 2012 ML. A short laudatio was prepared by Jean Serra which is attached to this report. Dr. Chiles is going to deliver his keynote lecture at the annual conference in Brisbane, 5-10 August, 2012.

Past MLs:

Dr. Behara Seshadri Daya Sagar, an Associate Professor and Head of the Systems Science and Informatics Unit (SSIU) at Indian Statistical Institute, title of keynote lecture: Mathematical Morphology in Geomorphology and GISci

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 Superieure 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

Short BIO-DATA OF DR. Lean-Paul Chilès

Jean-Paul Chilès had been with MINES ParisTech (Ecole des Mines de Paris) from 2002 to February 2012, first as director of the Center for geostatistics in Fontainebleau and, since the integration of the latter in the Center of geosciences and geoengineering, as deputy director of this new center and head of the Geostatistics group. He started his career as research scientist in nonstationary geostatistics under the direction of Prof. Georges Matheron, originator of geostatistics and founder of the Center for geostatistics. Then he worked 22 years as senior research scientist with BRGM, the French geological survey, Orléans, where he developed applications to mining, hydrogeology, geophysics, and civil engineering (Channel tunnel project). He also developed the stochastic modeling of natural fractured media, notably in the framework of joint projects with Lawrence Berkeley Laboratory (visiting scientist at LBL). His double career, at the French Geological survey, and at school of Mines provided him with both a high level and strong practical experience. The book he wrote with Pierre Delfiner (Geostatistics: Modeling Spatial Uncertainty, John Wiley & Sons, New York. First edition, 1999; second edition, April 2012), is one of the best known reference in geostatisctics.

IAMG MEETINGS COMMITTEE REPORT
AUGUST 2011-JULY 2012

Main business since the last annual report has been:

- The Committee received a request from Qiuming Cheng for support without involving monetary funding for the conference on Integrated Prediction of Mineral Resources in Covered Areas and Geomatics /MC2011-9. The Committee supported the request and Council approved it.
- The organizers of the IAMG2013 conference requested the standard US$6,000 grant from IAMG. Committee supported the request but Council approved only as a loan because the organizers had not included the grant in the proposal.
- Alok Porwal requested and obtained support from the Committee and Council for Geomatrix'12 meeting held in Mombay, India in 26−29 February 2012. The request did not include financial support.
- Handling the bidding process to apply for the organization of IAMG2014 conference. By the 15 February 2012 deadline, the Committee only received an application by N. Janardhana Raju**,** School of Environmental Sciences**,** Jawaharlal Nehru University in New Delhi. The proposal was sent to Council with the unanimous support of the Committee. Council approved the proposal without changes.
- Supporting IGC Councilor E. June Hill to schedule 15 sessions as part of the participation of the Association in the 34th International Geological Congress. 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.34igc.org/FileLibrary/brochure_igc34_theme5_20jan.pdf). The work was more arduous than expected because of poor decision making by the main 34th IGC Organizing Committee. Our IGC Councilor performed gallantly under the circumstances.
- Processing of a request by Jaime Gómez-Harnández for support of GeoENV2012, to be held in Valencia, Spain, 19−21 September 2012. The Committee recommended and Council approved a grant for US$3,000.
- Sending out invitations to organize IAMG2015, which has not yet produced results. The deadline is 15 February 2013. Unofficially, the Committee has heard of tentative interest by Jack Schuenemeyer and Ute Herzfeld to organize an IAMC conference in Denver (USA) and of Karl Gerald van den Boogart to host IAMG2015 in Freiberg (Germany).

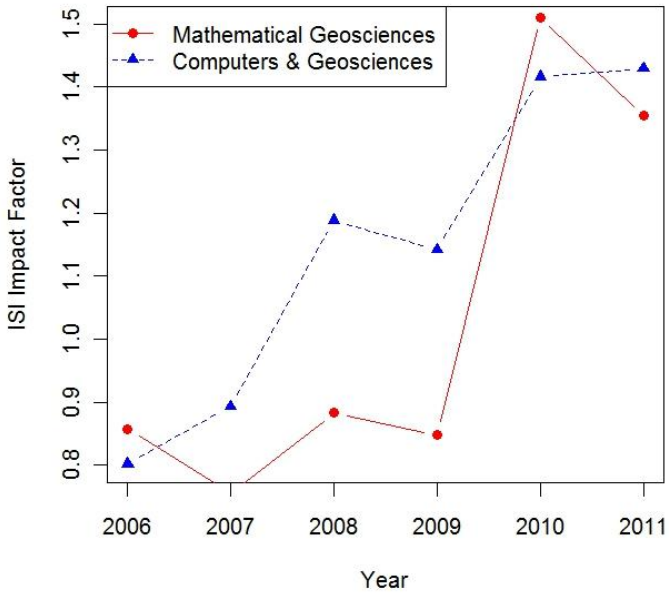
Qiuming Cheng, Council representative
E. June Hill, IGC Councilor
Jaime Gómez-Hernández, member
Ricardo A. Olea, Chairman
10 July 2012

IAMG Publications Committee Annual Report, 2011-2012

Introduction by Graeme Bonham-Carter, Chair

Roussos Dimitrakopoulos continues to do an excellent job of editing Mathematical Geosciences, although he is concerned about a decrease in top notch submissions, and is worried that this may be in part due to competition from a new journal Spatial Geostatistics. During the past year, Jef Caers has taken over as editor-in-chief of Computers & Geosciences, later joined by Michael Piasecki as co-editor-in-chief. They have implemented several major changes, most notably a new system for distribution of computer code, and a new procedure for selecting Best Paper Awards. The ISI Impact Factor for both MG and CG look healthy (Fig. below). Natural Resources Research has experienced a growth in submissions. Unfortunately, Keith Long has had to step down as editor-in-chief for health reasons, his place kindly taken temporarily by Jerry Jensen. A sub-committee (of the full Pubs Committee) is currently selecting a new editor-in-chief from two first-class candidates. There have been no reported cases of plagiarism in the past year in any of our journals.

Our current publishing contract with Elsevier for Computers & Geosciences expires Dec 31st, and a new version is under discussion. A new contract with Oxford University Press to update the existing one for the IAMG Monograph Series is also under discussion. John Doveton has signed a contract to write "Principles of Mathematical Petrophysics" which will be the next to appear in this series. Our Newsletters are now produced and distributed directly from the IAMG office in Freiberg.



1. Mathematical Geosciences by Roussos Dimitrakopoulos, Editor-in-Chief

1. ISI-impact factor for 2011: 1.354

2. 5-year Impact Factor: 1.585

3. Published 48 papers over a year

4. Submissions: About 15% reduction in new papers; quality of submissions lower than ever = rejection rate a new high of 65% for less submissions (original submission). After resubmission of revised papers the total rejection is a lot higher.

5. Special Issues

a. Volume 44, Number 2: Special Issue on New Developments in Subsurface Flow and Transport

b. Volume 44, Number 4: Special Issue on Spatial Multivariate Methods

From the Editor in Chief:

I have, more than once, warned IAMG's Executive that the over-emphasis on C&G over the last year or more, the substantial support of well-known IAMG members to the new (non-IAMG) journal (Spatial Statistics, Elsevier), and the general assumption that MG is fine on its own, as a serious threat to the Journal's continuing well doing. The decline in quality and submissions is more than a simple warning and it is time for IAMG to understand this before it is late.

The well doing of Math Geosciences is due largely to the impeccable and unusual level of support the journal receives from Springer and, specifically, Senior Editor Dr Chris Bendall and Production Editor Allan Sinclair. The second reason for well doing is the journal's Associate Editors and their long hours of work as well as commitment.

2. Computers & Geosciences by Jef Caers, co-Editor-in-Chief

Many changes have taken place during the last year, which also coincides with my first year of tenure at the Journal. All these changes can easily be called achievements and I am happy to inform the committee that the Journal is very healthy. I do not have major issues to report, so I will just some up these changes

1. New co- Editor-in-Chief
2. New Associate Editors
3. New website for code upload
4. New definition of scope
5. New procedure for best-paper award
6. Increase in impact factor and submission total
7. Request from the publication committee

New co-editor-in-chief

At my personal request and with approval of Katherine Eve, Michael Piasecki was approved by the IAMG council as co-editor –in-chief. Michael is doing well with the Journal and handling a very healthy load of papers.

New Associate Editors

After reviewing the associate editor structure and evaluating the need in terms of field of expertise for the journal, I was able to attract and get the following approval from Katherine Eve for appointment as Associate Editor

- Peter Atkinson, University of Southamptom, for geostatistics, geography, geomorphology, remote sensing
- Tapan Mukerji, Stanford University for Geophysics
- Bruce Chapman, Jet Propulsion laboratory, for remote sensing
- Balazs Fekete, City College, New York for hydrology, geoinformatics
- Vasily Demyanov, Herriot-Watt University for soft computing

Associate Editors that were requested to vacate their position are

- Clayton Deutsch, University of Alberta
- Carlos de Sousa Filho, University of Campinas

New website for code upload

Modern code distribution and sharing is no longer through static uploading on a single website (iamg.org). In the spirit of being a modern computer science journal we will publish all code on github.com. *GitHub* is a web-based hosting service for software development projects that use the *Git* revision control system. *GitHub* is the most popular of such sites and as long as the code remains public is completely free of charge. Any code submitted to Computers & Geosciences should be freely uploaded, we do not publish commercial or advertise any for-pay code. Readers can now easily find and download your code, they can post comments, suggest corrections or Authors can upload modifications to the code on their own *GitHub* page.

The idea is the following:

- The authors need to create a (free) account on *github.com* and upload their code under a repository
- Authors then send the URL of this repository to jcaers@stanford.edu

- The Editor will then clone that repository under CAGEO, the Computers & Geosciences site under GitHub so everyone can easily find it. A URL reference will be made on iamg.org as well.

Currently we are contacting some authors to try the procedure described below.

Steps. Below I will describe how to create an account, set-up *git* and upload a code for Windows (Mac and Linux are essentially the same). An example repository has been created online as a fake author named "cageoauthor" (so you can no longer use this name!). You can go to *github.com* and search for cageoauthor or simply copy into your browser

https://github.com/cageoauthor

you will find one repository named

https://github.com/cageoauthor/mypaper

containing some matlab files and data sets as an example repository.

These are the steps taken to get this repository online

Go to github.com

Click on plans & pricing to create free account (for public repositories)

Create the account: specify your username e-mail and password

Download and install Git

Use all the default install options

Installed are under "All Programs" Git Bash and Git GUI

The *git GUI* is quite intuitive and easy to use, but for those familiar with command line and shell commands there is the option to use *git bash*. It is best to first setup your system. In *git bash* you simply type the following command

Click git bash under all programs->git

Type the following commands

git config --global user.name "cageoauthor"

(note: use a different username of course)

git config --global user.email cageoauthor@institution.edu

(provide your e-mail here)

On the remote site github.com/cageoauthor I then created my first repository

Click "Create a repository"

Give your repository a name

Initialize this repository with a README, otherwise it may not be created

On your local computer there are two ways to add files to your local repository, either using *git bash* or *git gui*

Let's add a README file using *git bash*

Go again to the command line by launching *git bash*

Create the directory for the code for example in git bash type: mkdir mypaper

Goto that directory : cd mypaper

Type git init to initialize that folder as a repository

Type Touch readme to create a readme file (which is empty)

We can commit your readme to the local repository by the following commands

git add readme

git commit –m 'first commit'

The simplest way to create your repository is using the left mouse click in Windows. For example, left click on the directory containing the files you want to upload and find "git Init here" in that list, then again left click and find "git GUI". This will open the GUI window and you will see your files in the Unstages changes.

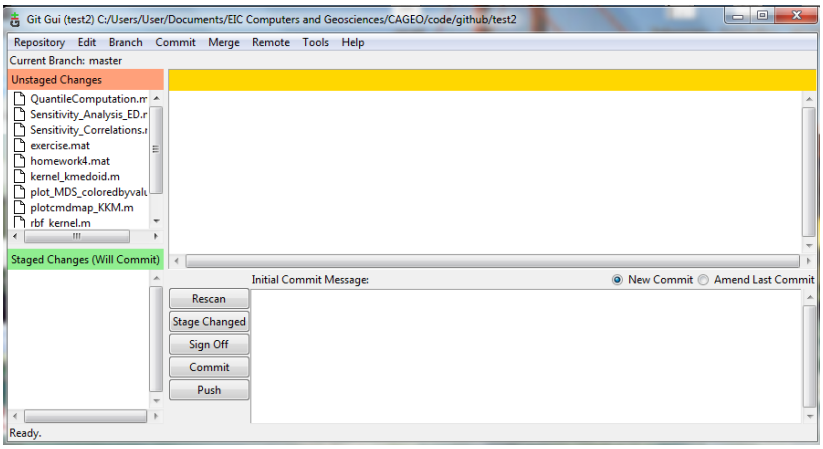


Figure 1: after the left click command "git init" and "git GUI", the files are now ready for committing and uploading

Now go through the command in the bottom panel

- *Rescan*: make sure you have all the latest changes
- *Stage Changed*: you now stage the files for commit and you can add a message in the "initial commit message" panel, for each file or for all of them
- *Sign off*
- *Commit*: you commit the files to the local repository on your computer
- *Push*: you send the files from your local computer to your repository online, this launches the Push window

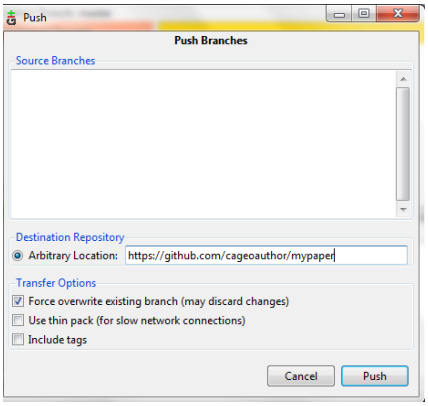


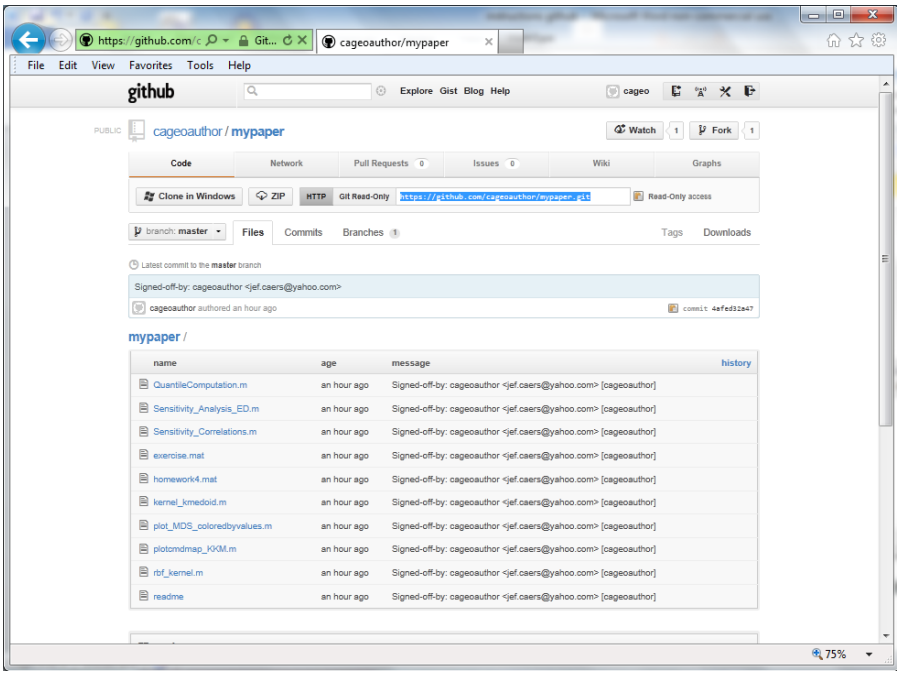
Figure 2: the push window where you specify the remote location of your repository

Add the remote location of your paper in “Destination Repository”

For first upload you can use “Force Overwrite existing branch”

You will now be prompted for a username and password

The files should now be online, which should look like



Send an e-mail to jcaers@stanford.edu with the location of your files in this case

https://github.com/cageoauthor/mypaper

If you have problems please consult the many help pages or youtube videos. The Editor does not have the time or resources to help you out.

Some Git language

Repository: A repository contains the history, the different versions over time and all different branches and tags. In Git each copy of the repository is a complete repository. The repository allows you to retrieve revisions into your working copy.

Commit: You commit your changes into a repository. This creates a new revision which can be retrieved later, for example if you want to see the source code of an older version. Each commit contains the author and committer, thus making it possible to identify the source of the change. The author and committer might be different people.

Clone: to clone a repository means that you will download the whole code of the repository

Branch: A branch is a separate code line with its own history. You can create a new branch from an existing one and change the code independently from other branches. One of the branches is the default (normally named master). The user selects a branch and works in this selected branch, which is called the "working copy". Selecting a branch is called "checkout a branch".

Master: a common name for the main branch

Origin: origin is the "main" remote repository

New definition of scope

The current scope on the website is ill-defined and confusion to many who submit. I have written a new scope, more direct and clear, currently under review by Elsevier.

Mission statement

Computers & Geosciences aims at publishing high impact, original research at the intersection of the Computer Sciences and Geosciences. Publications address the integration of modern computer science paradigms whether computational or informatics-based within challenging geosciences problems.

What should a submission to Computers & Geosciences contain?

A submission to Computers & Geosciences requires a strong and original contribution in both Computer Science and Geoscience. The computer science aspects are both in the computational sciences and information sciences, more specifically: algorithms and data structure, database and information retrieval, data processing, artificial intelligence, computer graphics and visualization, programming languages, parallel and distributed systems, the world-wide web, social media and software engineering. Geosciences fields of study considered include the geological sciences such as mineralogy, petrology, geochemistry, geomorphology, paleontology, stratigraphy, structural geology, sedimentology and hydrogeology; physical geography covering aspects of geomorphology; oceanography, atmospheric sciences and climatology; geophysics and remote sensing; geodesy; hydrology; glaciology. Other fields may be considered but are not considered a priority.

What submissions will not be considered by the Editors?

- Submissions that only describe a methodology with rather standard computer-based implementation (a simple matlab code for example). A level of sophistication in computer science is required. The coding has to include novel computer sciences paradigms (for example a templatized

library), has a clear design, relies on concepts such as reusability, extensibility and maintainability. Pure methodology papers should be submitted to journals such as Mathematical Geosciences.

- Standard computer code of a methodology published in other peer-reviewed Journals. Computers & Geosciences publishes code (see further) that accompanies submissions. However, if the coding is fairly standard, then this does not entail original code development research. Other repositories can then be considered for distributing such code (e.g. mathworks.com). Submissions on GUIs are considered if they provide an original solution to a non-trivial input-handling problem.

- Submissions that can be published in other Journals having similar intersection with Computer Science (such as geotechnical papers). Submissions making use of GIS tools need to have geosciences applications. At the same time a submission that uses GIS tools in fairly standard ways only, but otherwise largely deals with the geosciences aspect, such as stream network or watershed delineation in hydrology, does not constitute a desirable submission because it is better placed in an Hydrology journal (see also the first bullet item).

- Submissions from fields such as mining engineering, petroleum engineering, geotechnical engineering, rockmechanics and others, unless such submissions contain a significant geosciences component. For example mining paper only dealing with transport problems, geotechnical paper on lab experiments, papers on rockbolting etc…

Software and data submission

Computers & Geosciences aims at using state-of-the-art publication of the code and data accompanying accepted manuscripts. The journal uses a professional platform provided on github.com to publish, maintain, update and comment on published code and data. Readers will be able to download the code, post comments, submit corrections whose history can be traced.

Publishing code

Computers & Geosciences allows for the publication of code and its supplementary material accompanying the original research publication. However, Computers & Geosciences is not an outlet for publishing code on a methodology published elsewhere unless there is original computer science research in the code.

Paper types

Original research article (5000 words): describing novel and original contribution to the above listed fields of study.

Application article (5000 words): describing a real-world case study on the scientific fields of study of the above described.

Review article: Scientific review (6000 words): critically describes the state-of-the art aspects of applications of computer science in the geosciences. Emphasis is on completeness, depth and novelty of the critical review. Reviews must be timely, of general interest, high quality, written by recognized experts, and will be run only on an occasional basis. Review outlines should be pre-approved by a member of the C&G editorial board, and reviews may be used to frame special C&G issues.

Book reviews: Book and software reviews (1500 words): describes and evaluate a new book or similar significant publication relevant to aspects of computation or informatics in the geosciences. Software reviews are also published.

New procedure for best-paper award

The journal reinstituted the yearly best-paper awards. Due to breadth of topics published, two categories were created: "geo-informatics" and "geo-computing" (computational geosciences). The first category includes papers on subjects such as GIS, ontology, geomatics, data processing and the world-wide web; the second category includes topics such as geostatistics, soft computing, physical process modeling, geochemistry and geophysics. A call for nominations resulted in seven paper being considered by the awards committee from which three were selected.

Best paper in geoinformatics

"Automatic processing, quality assurance and serving of real-time weather data"
authored by M. Williams , D. Cornford, L. Bastin, R. Jones and S. Parker

Best papers in computational geosciences

"Bayesian spatial modeling and interpolation using copulas"
authored by H. Kazianka and J. Pilz

"Optimizing the spatial pattern of networks for monitoring radioactive releases"
authored by S.J. Melles, G.B.M. Heuvelink, C.J.W. Twenhöfel, A. van Dijk, P.H. Hiemstra, O. Baume and U. Stöhlker

Increase in impact factor and submission total

5-year impact factor 2010: 1.63

5-year impact factor 2011: 1.74

1-year impact factor 2010: 1.41

1-year impact factor 2011: 1.43

Submissions 2011: about 700

Submissions june-2011-june2012: about 750

Projected submissions 2012: 800

3. Natural Resources Research, by Keith Long (Editor in Chief) and Jerry Jensen (interim Editor in Chief).

During 2011 the number of submissions increased significantly, resulting in much larger issues than in the recent past. Volume 20 (2011) totaled 406 pages divided amongst 29 papers. The first two issues of volume 21 (2012) total 299 pages!

NRR still is not listed by ISI on account of its apparent low impact factor. As learned last year, ISI calculates impact factors using *only* citations from ISI listed journals, which results in a lower impact factor than determined by other services such as Scimago. An ISI listing is important as many researchers are required by their institutions

to publish in ISI journals. Despite this, the number of submissions and papers continues to grow and hopefully a future application for ISI listing will be successful as citations in ISI journals of articles published in NRR increase.

Renguang Zuo joined the staff at NRR as Assistant Editor during the year. For health reasons, Keith Long had to resign as editor-in-chief in May, 2012. Jerry Jensen is filling in until a new appointment is made.

4. IAMG Studies In Mathematical Geosciences (SMG), Jo Anne DeGraffenreid, Editor

P.J. Lee's *Statistical Methods for Estimating Petroleum Resources*, SMG No. 8, remains the most recent monograph in the Oxford University Press IAMG series, Studies in Mathematical Geosciences. Two hundred ninety-eight copies have been sold to date. The contract for SMG No. 9, *Principles of Mathematical Petrophysics*, by John H. Doveton of the University of Kansas, has been signed. The final manuscript is to be submitted by May 2013, and it is anticipated that the book will appear in early 2014. This project, first reported in 2010, has consumed more time than anticipated, for a number of reasons. The monograph was proposed during the Stanford IAMG meeting in August 2009. The author's questionnaire was returned to OUP in January 2010 and at that time the delivery date for the completed manuscript and illustrations was estimated as August 2011. It seems OUP then, or had already, updated the author's questionnaire. Doveton generated another version and the search for reviewers began—this matter, first discussed in January 2010, dragged on and on and was still in discussion in August 2011.

As early as January 2009, OUP Editor Phyllis Cohen and I discussed the need for drawing up a new agreement between Oxford and the IAMG. The activity was set in motion and in addition to Phyllis and me involved Michael Hohn, Frits Agterberg, Graeme Bonham-Carter, and Gina Ross. To my knowledge, the problem was not resolved. Phyllis recently brought this topic up again (she also reiterated that OUP continues to be pleased with the OUP/IAMG partnership):

"In the last week as I've worked on John Doveton's contract (which I sent to him earlier today, by the way), the topic of the current agreement with IAMG for the series has been discussed amongst my colleagues. The terms of the agreement are outdated in the sense that it only includes a royalty for sales of the print books and does not include royalty on revenue brought in from sales of e-books and other secondary rights. Additionally, the royalty percentage for the print books is vague – 1%-2%, the exact percentage to be negotiated with each book. And finally, it also spells out that royalties are to be paid to the previous series editors whereas now the royalties go to the IAMG treasurer. With all of these things in mind, we see the signing of the Doveton book as an opportunity to update our agreement with IAMG to make the terms more current. The agreement itself wouldn't change in spirit, but we are proposing to set a single rate, 2%, for print sales and spelling out a royalty rate for e-book revenue and secondary rights revenue. The new agreement would also give us the opportunity to address a bit of housekeeping and clearly state that the royalty payments are to be paid to IAMG. If we can get all of these things laid out in a new document, it would be in everyone's best interest and it would avoid any potential confusion going forward."

Royalty on revenue from e-book sales had not occurred to me until Phyllis mentioned it. A Web search turned up some interesting examples of this (to me) "new" phenomenon: Pawlowsky & Olea's monograph (SMG #7) is available from Amazon.com, including a Kindle edition for $87.56. Olea's glossary/dictionary (SMG #3) is also available for Kindle at $96.56. The IAMG 25th anniversary volume (Davis & Herzfeld, SMG #5) purports to be free on "Usenet," and is available from "Ebookee," along with a free copy of Babylon Translation Software (OUP's asking price for the book is $170.00!). Christakos' 2000 monograph on spatiotemporal geostatistics, SMG #9, is also on "Ebookee." P.J. Lee's SMG #8, *Statistical Methods for Estimating Petroleum Resources*, 2008, our most recent book, is listed on Google Play—"Buy EBOOK – $100.00," along with a long list of printed sources including OUP

(listed at $125.00), Amazon.com, etc. It's also on "bookmoving.com," along with a picture of the book cover and a link to download a PDF of the volume. Last but not least I found Larry Drew's monograph on oil and gas prospecting and his reflections as a petroleum geologist (SMG #2, 1990) available for downloading from RePEc at "ideas.repec.org" (which is somehow connected to the Federal Reserve Bank of St. Louis).

Studies in Mathematical Geosciences

Following is a list of all books that have appeared in the SMG series, along with the number of copies sold; SMG Nos. 1–4 are out of print; Nos. 5–8 are in print.

[Note: SMG No. 3, *Geostatistical Glossary and Multilingual Dictionary*, (March 1991, hardback, 192 pp.) is listed on the OUP website as "in stock," selling for $99.50 + shipping. A Journal of Geological Education review describes this volume as "An Indispensable reference for all workers in, users of, and educators teaching geostatistical methods for all areas of earth science." If you don't have one, buy one.]

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**. But see Note above.
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 – 656 copies sold. **Available in print**.
6. Modern Spatiotemporal Geostatistics, by George Christakos, 2000 – 1,019 copies sold. **Available in print**.
7. Geostatistical Analysis of Compositional Data, by Vera Pawlowsky-Glahn and Ricardo A. Olea, 2004 – 474 copies sold. **Available in print**.
8. Statistical Methods for Estimating Petroleum Resources, by P.J. Lee, 2008 – 298 copies sold. **Available in print**.

5. Newsletter and Website Report for 2011-2012 by Harald Poelchau, Editor

Two Newsletters (#83 in Dec. 2011 and #84 in June 2012) were produced and sent out during the last 12 months. For the first time, a Newsletter was printed and mailed by Regina van den Boogaart from our IAMG office in Freiberg, Germany, instead of Dallas,TX. Comparing the cost of printing, assembling and mailing from Dallas and from Freiberg, we decided that it was more cost effective to transmit the NL pdf from Dallas to Freiberg and have Regina do the final part of the production.

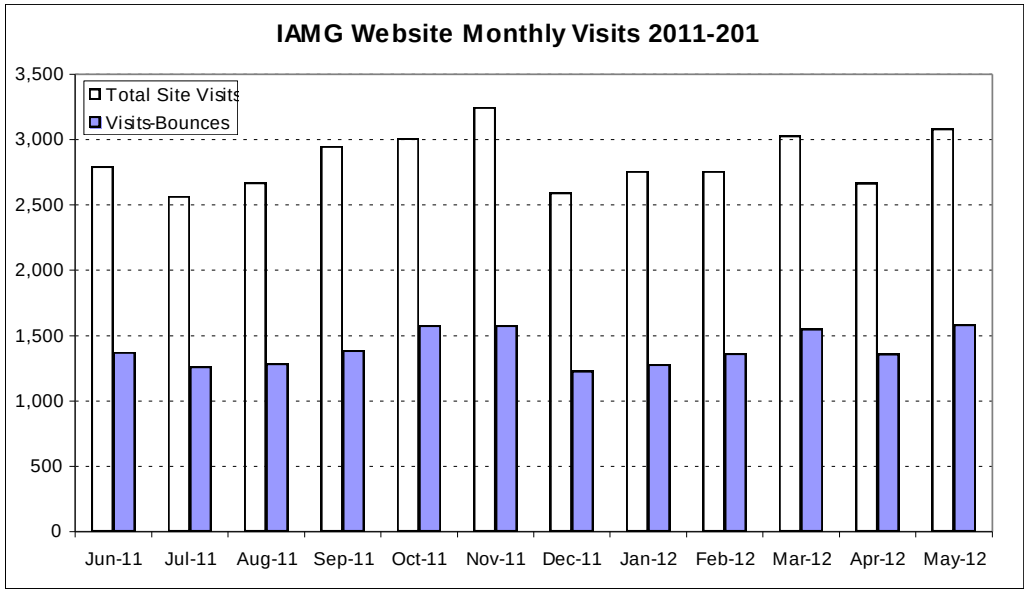
Newsletter 83 contained the resumes and pictures of the candidates for the IAMG election which increased the volume to 20 pages. The cost of printing and mailing this issue was $4,036.26. NL 84 ran to only 16 pages but was sent to 736 members, compared to 618 member for NL 83. Total cost for 1100 copies of NL 84 as produced and sent from Freiberg was approx. $2300. This compares to an estimate of $4000 for production and mailing from Dallas. Regina did a very professional job, and we intend to continue this arrangement for future Newsletters.

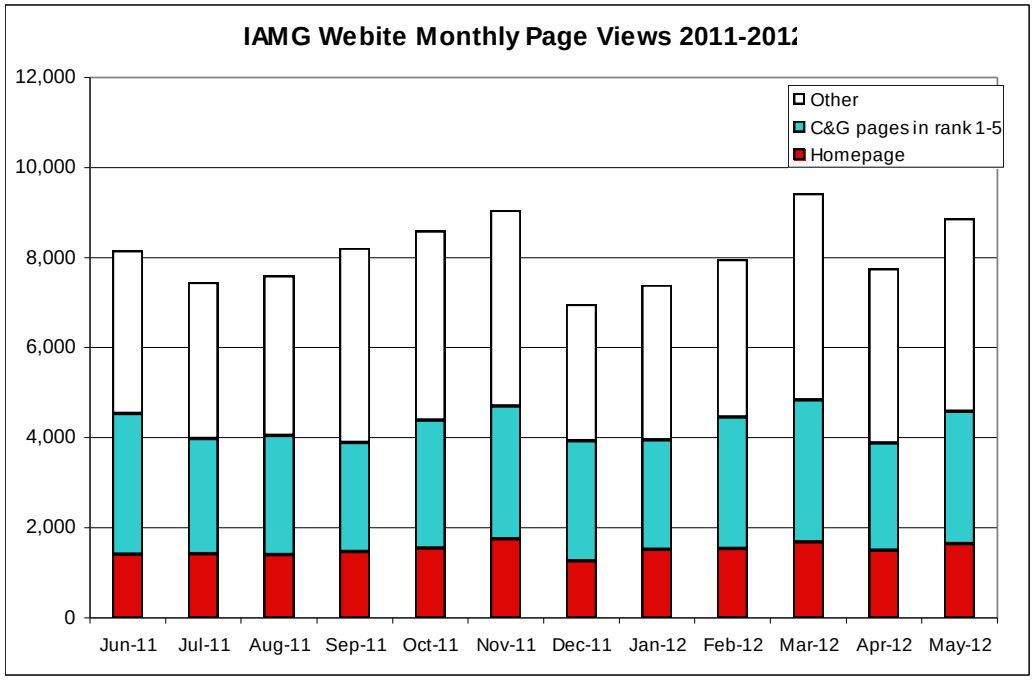
Work on the IAMG website consisted mainly of posting notices in response to requests from board members, of upkeep such as changes in committees, addresses of board members and links to new publications, as well as updating information especially of time sensitive data such as information on the IGC program. In addition, several pages were added on laudatios and awardees, including Student Grants. The Best Paper Awards pages were completely reworked to have direct links to publications. Rules for use of IAMG copyrighted materials are now shown on the Publications page. The financial information of IAMG (annual Tax Return Forms for the last 10 years) is now available for download; that page also contains a link for donations.

The new IAMG Membership Services website, managed by Regina van den Boogaart, is well established now and provides, among other services, the members database and fees system, grant applications, and the Forum for exchange of information and discussions which is used extensively by the Council.

Statistics based on monthly Google Analytics reports show that internet activity on the website has been fairly steady (see graphs) and at a similar level as the 12 month period before. The 15% decrease of number of visits observed from 2009/10 to 2010/11 was not repeated and probably had been due to the establishment of the IAMG Members Website which took away the traffic related to membership topics. As in previous years, a third of the website traffic is due to Computers & Geosciences, especially requests for Published Program Code from various articles.

Most of the visits came from (in order of frequency): US, Canada, China, Germany, and India.


IAMG Website Monthly Visits 2011-201
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Total Site Visits
Visits-Bounces
Jun-11
Jul-11
Aug-11
Sep-11
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12


IAMG Webite Monthly Page Views 2011-201
12,000
10,000
8,000
6,000
4,000
2,000
0
Other
C&G pages in rank 1-5
Homepage
Jun-11
Jul-11
Aug-11
Sep-11
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12

IAMG Student Affairs Committee

Report Sep 2011 –Aug 2012

Helmut Schaeben, Committee Chair

In the period of this report we had 8 student chapters listed:

- China University of Geosciences - Wuhan, China
- Freiberg University of Mining & Technology, Germany
- Sun Yat-Sen University - Guangzhou City, China
- University of Colorado at Boulder, Colorado, USA
- ENSG-Nancy University, Nancy, France
- ITC (ISCI), University of Twente, Enschede, The Netherlands
- Szeged University, Hungary
- Stanford University - Stanford, California, USA

with two of them, Stanford and Colorado, struggling hard to survive and keeping their recognition as official student chapters. The good news is that the Colorado and the Stanford chapter seem to be alive again, at least they submitted applications for official recognition and financial support again. The sad news is that it seems that we have lost the two chapters at

- Southern Illinois University - Carbondale, Illinois, USA, and
- University of Alberta - Edmonton, Alberta, Canada.

In total, we received 7 applications for official recognition and for funding, respectively. These were

- ITC (ISCI), Netherlands,
- Stanford University, USA,
- China University of Geosciences, China,
- University of Colorado at Boulder, USA,
- ENSG – Nancy Université, France,
- TU Bergakademie Freiberg, Germany,
- Szeged, Hungary.

The last one was received on July 23, 2012, only. Therefore, it has not yet been evaluated by other members of the committee. On my scale, it does not justify to extend the official recognition as it is fairly incomplete, and I told them so in an immediate reply by email. So far, I did not receive any response or a proper report and application.

We did not receive any report, note nor a message from our chapter at Sun Yat-Sen University-Guangzhou City, China.

All members of the Student Affairs Committee participated in the evaluation. Their final scoring is as follows(for details you are referred to the corresponding .xlsx fileattached):

- China University of Geosciences- Wuhan, China 59
- Freiberg University of Mining & Technology, Germany 95
- University of Colorado at Boulder, Colorado. USA 47

- ENSG-Nancy University, Nancy, France 46
- ITC(ISCI), University of Twente, Enschede, The Netherlands 72

The web appearance had an important influence on these scores. For instance, the low marks for Nancy were motivated by the fact that some their web-site does not seem to exist any more. Their full recognition would depend on activating their web-site.

It seems that Freiberg and ITC Twente deserve the support they apply for with no further requirement.

ITC-Twente presents an acceptable report and the web-site is correct. However, the project is clearly poorer than in past years.

The Wuhan chapter is a difficult case. The chapter appears active but in a chaotic way. This impression is mainly caused by their web-site. There was an effort to write it in English but there are still confusions with Chinese. For the time being their web presentation should be acceptable because 1) they could better tell the Chinese students what the chapter is about, and 2) IAMG guidelines require an up-to-date website of the student chapter, but English language is not mentioned. In case the website should be in English, we should update our guidelines and send an email to all student chapters to translate their websites to English. The recruitment seems to be spectacular. However, we did not find the identification of the members (new and old) and their special interests. They applied for USD 3,000 (a large amount). It would be justified for 120 members or more, but only if their identification is effective.

As with respect to the chapter at University of Colorado at Boulder, the total number of members is less than required. The budget has a poor motivation, the web-site is hidden in the CIRES site at Colorado U. The link did not work (only http://cires.colorado.edu/news/press/IAMGChapter.html was accessible.)

From the committee's point of view, IAMG student chapters in Freiberg and ITC-Twente are doing well, but we should definitely encourage the other student chapters to make up for their deficiencies to keep their full recognition as IAMG student chapters. The deficiencies should be clearly stated and a deadline should be set for their remediation.

The committee suggests to approve the funds requested by Freiberg and Twente. Depending upon the availability of funding we might approve some partial support for other student chapters, since they are doing something in the framework of IAMG. In particular, the committee suggests the following order for the allocation of funds (depending upon the availability):

1. Freiberg University of Mining and Technology, Germany (TUBAF) 100% requested funds

2. University of Twente, The Netherlands (ITC) 100% requested funds

3. China University of Geosciences, Wuhan, China (CUG) 70% requested funds

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES

Treasurer's Report
Gina Ross

August 6, 2012
Brisbane, Australia

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES

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USbancorp Investment Statement, Chayes Fund, June 30, 2012

USbank Bank General Funds Checking Account Statement, June 30, 2012

USbank Bank General Membership Checking Account Statement, June 30, 2012

Budget for 2013

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES
2012 Treasurer's Review

Assets:		
US Bank Bancorp Investments:		
General funds	$885,041.89	(June 30, 2012)
Chayes funds	$ 93,225.07	(June 30, 2012)
US Bank checking accounts:		
General funds	$ 48,323.50	(June 30, 2012)
Membership account	$ 1,330.10	(June 30, 2012)
PayPal account	$ 311.35	(July 17, 2012)
TOTAL	$ 1,028,231.91	(July 17, 2012)

Five year net assets history:

December 31, 2007	$863,523
December 31, 2008	$672,465
December 31, 2009	$855,658
December 31, 2010	$969,233
December 31, 2011	$1,006,836

Royalties received:

Year	C&G	MG	NRR	Total
2007	$62,192	$11,252	$1,388	$ 74,832
2008	$74,024	$27,858	$0.0	$101,883
2009	$68,360	$19,480	$5,740	$ 93,582
2010	$61,772	$19,388	$3,459	$ 84,621
2011	$67,241	$17,948	$3,321	$ 88,512
2012	$84,359	$17,571	$4,427	$106,357

Membership and member subscriptions to the journals:

Year	Members	C&G*	MG	NRR
2007	575	119	171	37
2008	630	111	167	35
2009	557	113	161	29
2010	514	121	159	31
2011	603	95	146	30

*regular, student, and electronic combined

International Association for Mathematical Geosciences
Cash Flow
January through December 2011

Income	
IAMG Annual Conferences	
2011 Salzburg, Austria	6,243.10
Total IAMG Annual Conferences	6,243.10
IAMG Office	
Chase Bank Checking Account	73.66
Total IAMG Office	73.66
Memberships & Subscriptions	3,817.00
PayIPal-Deposits	
Transfer From PayPal Account	26,790.39
PayIPal-Deposits - Other	1,187.33
Total PayIPal-Deposits	27,977.72
Royalties	
Computers & Geosciences (Elsevi	67,241.78
Mathematical Geology (Springer)	17,948.51
Monographs (Oxford)	373.76
Natural Resources (Springer)	3,321.00
Total Royalties	88,885.05
USbancorp Investments-Transfers	
Chayes Fund Money Market AccT	6,397.27
Total USbancorp Investments-Transfers	6,397.27
Total Income	133,393.80
Expense	
34th IGC	2,816.23
Accounting Services	4,120.00
Afiliation Dues	300.00
Attorney's Fees	80.00
Awards	
Chayes	
Istvan Dunkl	6,397.27
Total Chayes	6,397.27
Vestelius Travel Support	2,568.79
Total Awards	8,966.06
Bank Charge	
Printing checks	25.95
Bank Charge - Other	1,476.40
Total Bank Charge	1,502.35

International Association for Mathematical Geosciences
Cash Flow
January through December 2011

Conference Support	
ISI2011	1,600.00
Total Conference Support	1,600.00
Distinguished Lecturer	
Amilcar de Oliveira Soares	6,247.25
John H. Schuenemeyer	308.43
Total Distinguished Lecturer	6,555.68
Donations	7,005.54
E&M Management Fees	10,000.00
Houston-Office Expenses	306.79
IAMG-Archivist	631.45
IAMG-Office	
Checking (USbank)	-903.00
Fax	47.88
Management Service	10,244.94
Office Manager Travel Expenses	848.73
Total IAMG-Office	10,238.55
IAMG General Funds Checking Acc	903.00
Matheron Lecturer	3,226.79
Meeting Support (non-IAMG)	
Compositional Data Analysis Wor	2,388.28
Total Meeting Support (non-IAMG)	2,388.28
Miscellaneous, Bus	526.16
News Letter	6,886.92
Promotion & Booths	
Booth Travel Support	2,000.00
Total Promotion & Booths	2,000.00
Publishers Subscriptions	
C&G Subscriptions - Elsevier	9,422.51
MathGeo Subscriptions -Springer	945.00
Monographs - Oxford UP	1,666.42
NRR Subscriptions - Springer	7,365.00
Total Publishers Subscriptions	19,398.93
Royalties-George Christakos	
2011	869.96
Total Royalties-George Christakos	869.96
Student Chapter	

International Association for Mathematical Geosciences
Cash Flow
January through December 2011

Freiberg	2,000.00
Guangzhou	2,000.00
Szeged	1,000.00
Total Student Chapter	5,000.00
Student Research Award	1,000.00
Student Travel Grant	2,000.00
Travel, Officers & Members	16,917.28
Treasurer Operating Expenses	
Office supplies	109.99
PO Box	46.00
Postage	17.60
Total Treasurer Operating Expenses	173.59
US Bancorp Investment	
Mutual Funds Invesments	30,000.00
Total US Bancorp Investment	30,000.00
Website	
Dragonfly IT Inc	96.05
Inter Spots Inc.	2,406.68
Total Website	2,502.73
Total Expense	147,916.29
Net Income	-14,522.49

International Association for Mathematical Geosciences
Cash Flow
January 1 through July 19, 2012

Income	
Membership Dues	60.00
Memberships & Subscriptions	305.00
PayIPal-Deposits	
Transfer From PayPal Account	12,475.92
Total PayIPal-Deposits	12,475.92
Royalties	
Mathematical Geology (Springer)	17,571.79
Monographs (Oxford)	113.24
Natural Resources (Springer)	4,427.00
Total Royalties	22,112.03
Total Income	34,952.95
Expense	
Accounting Services	4,450.00
Attorney's Fees	330.00
Bank Charge	689.70
Conference Support	
IAMG2011	1,000.00
IAMG2013	6,141.28
Total Conference Support	7,141.28
Distinguished Lecturer	
John H. Schuenemeyer	5,082.86
Total Distinguished Lecturer	5,082.86
Donations	6,438.02
IAMG-Office	
Checking (USbank)	5,000.00
Management Service	8,917.35
Total IAMG-Office	13,917.35
IAMG General Funds Checking Acc	-5,000.00
News Letter	2,305.88
Promotion & Booths	
34th-IGC_2012_Booth	2,044.93
Booth Travel Support	2,000.00
Total Promotion & Booths	4,044.93
Publishers Subscriptions	
C&G Subscriptions - Elsevier	6,442.73
MathGeo Subscriptions -Springer	4,522.50
Monographs - Oxford UP	203.75

International Association for Mathematical Geosciences
Cash Flow
January 1 through July 19, 2012

NRR Subscriptions - Springer	1,155.00
Total Publishers Subscriptions	12,323.98
Royalties-George Christakos	
2012	20.69
Total Royalties-George Christakos	20.69
Student Chapter	
The Netherlands (ITC)	1,000.00
Total Student Chapter	1,000.00
Student Research Award	5,000.00
Travel, Officers & Members	1,025.21
Treasurer Operating Expenses	
PO Box	58.00
Postage	30.25
US-Web Server	162.25
Total Treasurer Operating Expenses	250.50
Website	
Inter Spots Inc.	4,418.41
Total Website	4,418.41
Total Expense	63,438.81
Net Income	-28,485.86

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES

Financial Statements

Years ended December 31, 2011 and 2010

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES

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MIZE HOUSER & COMPANY P.A.

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, 2011 and 2010 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.

Mize Houser & Company PA

May 9, 2012

www.mizehouser.com ■ mhco@mizehouser.com

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7101 College Blvd, Suite 900 ■ Overland Park, KS 66210-1984 ■ 913.451.1882 p ■ 913.451.2211 f
120 E Ninth ■ Lawrence, KS 66044-2682 ■ 785.842.8844 p ■ 785.842.9049 f
900 Massachusetts, Suite 301■ Lawrence, KS 66044-2868 ■ 785.749.5050 p ■ 785.749.5061 f

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOSCIENCES

STATEMENTS OF ASSETS, LIABILITIES AND NET ASSETS - MODIFIED CASH BASIS
December 31, 2011 and 2010

ASSETS

	2011	2010
CASH	$ 70,977	$ 84,979
INVESTMENTS	935,859	884,254
Total Assets	$ 1,006,836	$ 969,233

NET ASSETS

NET ASSETS		
Unrestricted	$ 1,006,836	$ 969,233
Total Net Assets	$ 1,006,836	$ 969,233

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, 2011 and 2010

	2011	2010
REVENUES		
Membership and subscriptions	$ 25,548	$ 31,234
Royalties	88,885	85,612
Total Revenues	114,433	116,846
EXPENSES		
Member and publication	30,461	41,227
Grants and awards	26,749	16,406
Conferences, meetings, and travel - net	18,327	18,024
Website and computer	2,503	510
Legal and accounting	4,200	4,185
Contracted services	21,527	4,160
Donations	7,006	6,841
Other expense	2,447	2,752
Total Expenses	113,220	94,105
Income [loss] from activities	1,213	22,741
OTHER INCOME [EXPENSE]		
Investment return	28,003	83,392
Other income	8,387	7,442
	36,390	90,834
CHANGES IN NET ASSETS	37,603	113,575
NET ASSETS, beginning	969,233	855,658
NET ASSETS, ending	$ 1,006,836	$ 969,233

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, 2011 and 2010

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.

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:

	2011 Market Value	2010 Market Value
Mutual Funds	$ 935,859	$ 884,254

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

	2011	2010
Dividend and interest income	$ 45,423	$ 43,689
Unrealized gains [losses]	[17,420]	39,703
Total investment return	$ 28,003	$ 83,392

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 $62,863 and $54,883 as of December 31, 2011 and 2010, respectively.

Note 4 - Subsequent Events

During the year ended December 31, 2011, the entity evaluated subsequent events through May 9, 2012 and no subsequent events requiring disclosure in the financial statements were noted. The financial statements were available to be issued on May 9, 2012.

BROKERAGE STATEMENT

usbancorp Investments, Inc.

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

All of us serving you™

Statement Period
June 1, 2012 through June 29, 2012

Account Number
25536865

0058655 02 AV 0.347 **AUTO T6 0 1707 66049-210918 23 -P58713

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 Live: 800-888-4700
Investments Connect Online:
onlineinvesting.usbank.com
Investments Connect Touch-Tone:
800-888-4700, option 1

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.

Beginning Account Value	**$863,978.26**
Money Credited to Your Account:	
Total Securities Sold	$0.00
Income Received	$3,281.75
Maturity/Principal/Call Income	$0.00
Deposits and Other Additions	$0.00
Money Debited from Your Account:	
Total Securities Purchased	($1,154.38)
Other Deductions & Withdrawals	$0.00
Net Change to Priced Securities:	$18,936.26
Ending Balance	**$885,041.89**

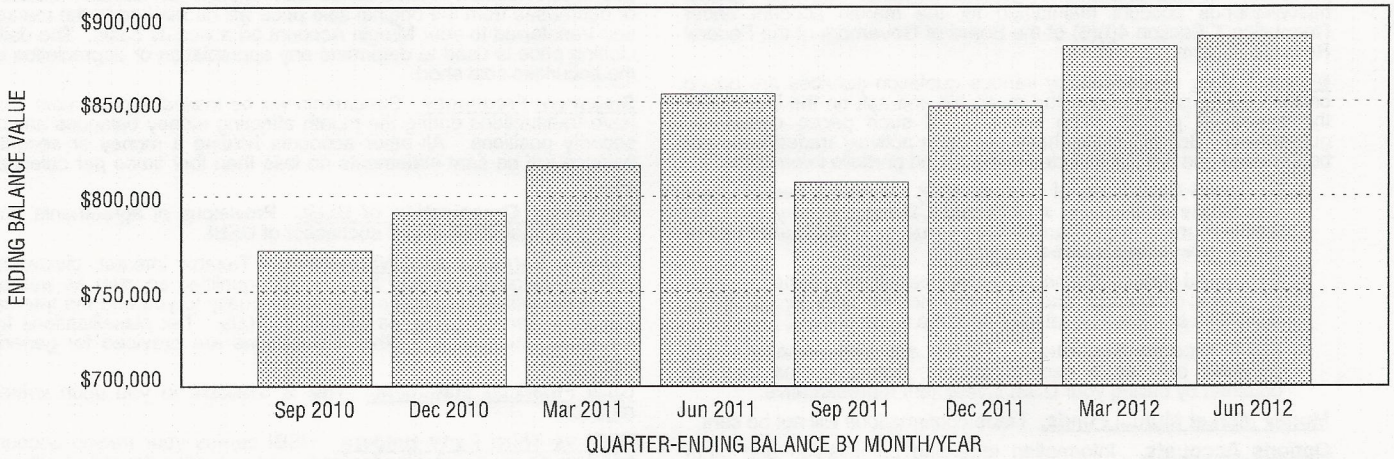
Investor Messages

Summer activities keep us all busy. If you plan to be away from home for extended periods of time this summer, be sure to inform your financial professional of any temporary changes in your contact information.

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. 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.

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 adviser and a brokerage subsidiary of U.S. Bancorp.

NOT A BANK DEPOSIT • NO BANK GUARANTEE • NOT FDIC INSURED • NOT INSURED BY ANY GOVERNMENT AGENCY • MAY LOSE VALUE

usbancorp Investments, Inc.

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

All of us serving you™

BROKERAGE STATEMENT

June 1, 2012 through June 29, 2012

Account # 25536865

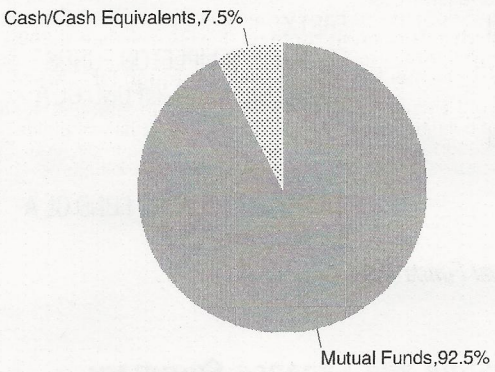
INTL ASSN FOR MATHEMATICAL GEOLOGY
JORGINA A ROSS

Account Valuation

Cash and Cash Equivalents:	
Money Markets	$66,122.51
Mutual Funds	$818,919.38
Total:	**$885,041.89**

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 06/29/12	Current Market Value	Total Cost Basis	Unrealized Gain (Loss)
Cash/Cash Equivalents						
CASH	31846V500 CLASS A FIRST AMERICAN PRIME OBLIGATIONS	66,122.51	1.00	66,122.51		
Cash/Cash Equivalents Total				*66,122.51*		
Mutual Funds						
CASH	FIGAX NUVEEN FUNDS INTERMEDIATE GOVT BOND FD CL A	15,617.760	9.0200000	140,872.19		
CASH	FKINX FRANKLIN TEMPLETON FUNDS INCOME FUND CL A $1000 MIN INVEST	184,988.849	2.1600000	399,575.91		
CASH	FRDPX FRANKLIN TEMPLETON FUNDS MANAGED TR RISING DIV FD CL A	1,001.589	36.3100000	36,367.69	32,510.92	3,856.77

Portfolio Holdings

Acct Type	Symbol/CUSIP Description	Quantity	Price on 06/29/12	Current Market Value	Total Cost Basis	Unrealized Gain (Loss)
Mutual Funds						
CASH	FRSTX FRANKLIN TEMPLETON FUNDS STRATEGIC INCOME FUND CL A	14,868.513	10.3800000	154,335.16		
CASH	LIBAX COLUMBIA FUNDS INTERMEDIATE BOND FUND CL A $2000 MIN INVEST	9,327.145	9.4100000	87,768.43		
Mutual Funds Total				*818,919.38*		

Income and Expense Summary

Description	This Period	Year-to-Date
Taxable	3,281.75	18,609.86

Account Activity

Settle Date	Trade Date	Transaction	Quantity	Description	Price	Debit	Credit
Cash Account							
Purchases, Sales and Other Security Movements							
06/04/12	06/04/12	Reinvestment	26.993	LIBAX COLUMBIA FUNDS	9.390	253.46	
06/04/12	06/04/12	Reinvestment	63.801	FRSTX FRANKLIN TEMPLETON FUNDS	10.210	651.41	
06/04/12	06/04/12	Reinvestment	27.601	FIGAX NUVEEN FUNDS	9.040	249.51	
Total Purchases, Sales and Other Security Movements						*1,154.38*	*0.00*
Income							
06/04/12	06/04/12	Dividend		FRSTX DIVIDEND			651.41
06/04/12	06/04/12	Dividend		LIBAX DIVIDEND			253.46
06/04/12	06/04/12	Dividend		FIGAX DIVIDEND			249.51
06/05/12	06/05/12	Dividend		FKINX DIVIDEND			2,127.37
Total Income						*0.00*	*3,281.75*

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

All of us serving you℠

June 1, 2012 through June 29, 2012

Account # 25536865

INTL ASSN FOR MATHEMATICAL GEOLOGY
JORGINA A ROSS

Settle Date	Trade Date	Transaction	Quantity	Description	Price	Debit	Credit
Money Market Account Activity							
Money Market Beginning Balance							63,995.14
06/07/12	06/07/12	Bought	2,127.37	DEPOSIT: PRIME OBLIGATIONS-A			2,127.37
Money Market Ending Balance							*66,122.51*

IMPORTANT INFORMATION

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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.

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 2012 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, 2012, the Company's estimated net capital of $282,664,020 was $282,267,430 in excess of the minimum amount required. The June 30, 2012 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, 2012 on the Internet via the URL address https://onlineinvesting.usbank.com or via the toll-free number 1-800-888-4700. The Company anticipates to meet all net capital requirements in June 2012.

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. USBI has entered into agreements through which certain firms (our "Product Partners") provide financial contributions to USBI which are used to support the marketing of their products, training of our investment professionals, and for other purposes. Product Partners may also reimburse USBI for expenses incurred during training and educational conferences and seminars, and for providing client accounting and administrative services for USBI's client accounts holding the products of the Product Partner. In addition, USBI employees, including investment professionals, may receive promotional items, meals or entertainment, or other non-cash compensation from the Product Partners.
In exchange for sharing revenue, these Product Partners are provided enhanced access to USBI's distribution network and greater opportunities to participate in marketing and training functions. Investment professionals do not, however, receive any portion of, or any additional cash compensation as a result of these revenue and cost sharing arrangements. It is important to note that not all product providers approved by USBI make financial contributions to USBI. All of the above-referenced financial contributions are in addition to any sales charges or commissions that may be disclosed in the fee tables found in the prospectuses and statements of additional information for the mutual fund or in your annuity or insurance contract.
Mutual Funds - Revenue Sharing Payments. Financial contributions from USBI Mutual Fund Product Partners may include revenue-sharing arrangements. The revenue sharing payments made to USBI by a Mutual Fund Product Partner may consist of: (1) an annual, lump-sum payment; (2) a percentage of the total amount of mutual fund sales made by USBI for that fund family ("mutual fund sales-based fee"); and/or (3) a percentage of the total net assets of the mutual fund shares of that fund family held by USBI customers ("mutual fund asset-based fee").

BROKERAGE STATEMENT

usbancorp Investments, Inc.

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

All of us serving you™

Statement Period
June 1, 2012 through June 29, 2012

Account Number
23138936

0058553 02 AV 0.347 **AUTO T6 0 1707 66049-210918 23 -P58611

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

Your Financial Representative:
KIPP NOE
785-865-0277
Investments Connect Live: 800-888-4700
Investments Connect Online:
onlineinvesting.usbank.com
Investments Connect Touch-Tone:
800-888-4700, option 1

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.

Beginning Account Value	**$89,729.52**
Money Credited to Your Account:	
Total Securities Sold	$0.00
Income Received	$436.39
Maturity/Principal/Call Income	$0.00
Deposits and Other Additions	$0.00
Money Debited from Your Account:	
Total Securities Purchased	($436.39)
Other Deductions & Withdrawals	$0.00
Net Change to Priced Securities:	$3,495.55
Ending Balance	**$93,225.07**

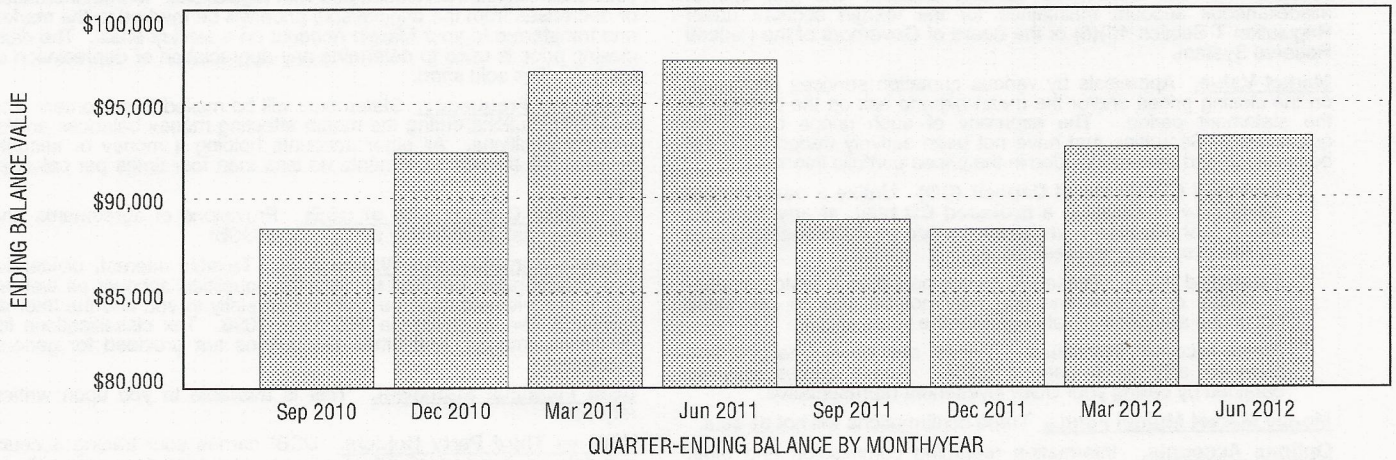
Investor Messages

Summer activities keep us all busy. If you plan to be away from home for extended periods of time this summer, be sure to inform your financial professional of any temporary changes in your contact information.

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. 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.

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 adviser and a brokerage subsidiary of U.S. Bancorp.

NOT A BANK DEPOSIT • NO BANK GUARANTEE • NOT FDIC INSURED • NOT INSURED BY ANY GOVERNMENT AGENCY • MAY LOSE VALUE

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

All of us serving you™

June 1, 2012 through June 29, 2012

Account # 23138936

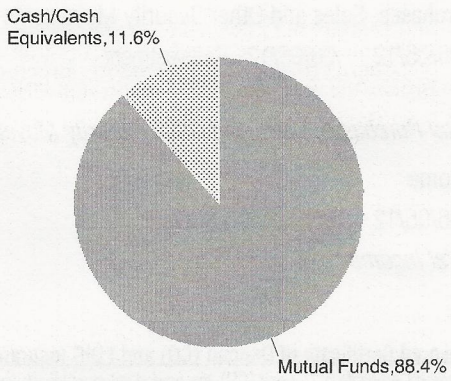
INTL ASSN FOR MATHEMATICAL GEOLOGY

Account Valuation

Cash and Cash Equivalents:	
Money Markets	$10,800.03
Mutual Funds	$82,425.04
Total:	**$93,225.07**

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 06/29/12	Current Market Value	Total Cost Basis	Unrealized Gain (Loss)
Cash/Cash Equivalents						
CASH	31846V500 CLASS A FIRST AMERICAN PRIME OBLIGATIONS	10,800.03	1.00	10,800.03		
Cash/Cash Equivalents Total				*10,800.03*		
Mutual Funds						
CASH	FKINX FRANKLIN TEMPLETON FUNDS INCOME FUND CL A $1000 MIN INVEST	38,159.744	2.1600000	82,425.04	95,175.47	(12,750.43)
Mutual Funds Total				*82,425.04*		

Income and Expense Summary

Description	This Period	Year-to-Date
Taxable	436.39	2,597.68

Account Activity

Settle Date	Trade Date	Transaction	Quantity	Description	Price	Debit	Credit
Cash Account							
Purchases, Sales and Other Security Movements							
06/05/12	06/05/12	Reinvestment	212.873	FKINX FRANKLIN TEMPLETON FUNDS	2.050	436.39	
Total Purchases, Sales and Other Security Movements						*436.39*	*0.00*
Income							
06/05/12	06/05/12	Dividend		FKINX DIVIDEND			436.39
Total Income						*0.00*	*436.39*

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In exchange for sharing revenue, these Product Partners are provided enhanced access to USBI's distribution network and greater opportunities to participate in marketing and training functions. Investment professionals do not, however, receive any portion of, or any

usbank

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

9185 TRN Y ST01

000060897 1 AV 0.350 106481669053995 P
IAMG
PO BOX 442504
LAWRENCE KS 66044-7504

Business Statement

Account Number:
0 043 4391 9181
Statement Period:
Jun 1, 2012
through
Jun 29, 2012

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

BUSINESS EDGE CHECKING

Member FDIC

U.S. Bank National Association

Account Number 0-043-4391-9181

Account Summary

	# Items		
Beginning Balance on Jun 1		$	62,853.76
Other Withdrawals	3		8,726.20-
Checks Paid	5		5,804.06-
Ending Balance on Jun 30, 2012		**$**	**48,323.50**

Reward Program Summary

All Rewards shown are as of June 29, 2012

FlexPerks Business Cash Rewards Visa® Check Card Check Card Number: *7393

FlexPerks℠

Reward Enrollment Date	Rewards Earned Program to Date	Rewards Redeemed Program to Date	Current Rewards Balance	Rewards Available to Redeem
09/30/2004	$ 33.42	$ 5.00	$ 0.00	$ 0.00

Other Withdrawals

Date	Description of Transaction	Ref Number	Amount
Jun 1	WIRE INT'L SEQ 120601005282 ITL BKG MDA		$ 2,192.23-
Jun 11	WIRE INT'L SEQ 120611020412 ITL BKG MDA		6,438.02-
Jun 14	Analysis Service Charge	1400000000	95.95-
		Total Other Withdrawals	**$ 8,726.20-**

Checks Presented Conventionally

Check	Date	Ref Number	Amount	Check	Date	Ref Number	Amount
0478	Jun 4	8898283450	55.00	0481	Jun 25	9790747670	4,450.00
0479	Jun 1	9396521823	1,025.21	0482	Jun 25	8895942411	270.00
0480	Jun 1	9396521824	3.85				

Conventional Checks Paid (5) **$ 5,804.06-**

Balance Summary

Date	Ending Balance	Date	Ending Balance	Date	Ending Balance
Jun 1	59,632.47	Jun 11	53,139.45	Jun 25	48,323.50
Jun 4	59,577.47	Jun 14	53,043.50		

Balances only appear for days reflecting change.

ANALYSIS SERVICE CHARGE DETAIL

Account Analysis Activity for: May 2012

Account Number:	0-043-4391-9181	$	95.95

IAMG
PO BOX 442504
LAWRENCE KS 66044-7504

Business Statement
Account Number:
0 043 4391 9181

Statement Period:
Jun 1, 2012
through
Jun 29, 2012

ANALYSIS SERVICE CHARGE DETAIL (CONTINUED)

Account Number:	1-455-7156-7059	$	0.00
Analysis Service Charge assessed to	0-043-4391-9181	$	95.95

Service Activity Detail for Account Number 0-043-4391-9181

Service	*Volume*	*Avg Unit Price*	*Total Charge*
Depository Services			
Combined Transactions/Items	4		No Charge
Subtotal: Depository Services			0.00
SinglePoint			
Sp E Cday Sum Mo Maint	2		No Charge
Sp E Pday Det & Sum Mo Maint	2	7.47500	14.95
Sp E Previous Day Per Item Det	5		No Charge
Sp E Token Mo Maintenance	2	3.00000	6.00
Sp E Book Transfer Mo Maint	2		No Charge
Sp E Stop Payment Mo Maint	2		No Charge
Sp E Wires Mo Maintenance	2	5.00000	10.00
Sp External User Message Sent	3		No Charge
Subtotal: SinglePoint			30.95
Wire Transfers			
Wire Monthly Maint Voice-pin	1	5.00000	5.00
Sp E Intl Fx Non-repetitive	2	30.00000	60.00
Subtotal: Wire Transfers			65.00
Fee Based Service Charges for Account Number 0-043-4391-9181			$ 95.95

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, 2012
through
Jun 29, 2012

000061017 1 AV 0.350 106481669054115 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*

SILVER BUSINESS CHECKING

Member FDIC

U.S. Bank National Association

Account Number 1-455-7156-7059

Account Summary

Beginning Balance on Jun 1	$	1,330.10
Ending Balance on Jun 30, 2012	**$**	**1,330.10**

Reward Program Summary

All Rewards shown are as of June 29, 2012

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

FlexPerks℠

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

International Association for Mathematical Geosciences

Budget	2013	2014
INCOME		
Membership dues	6,000.00	6,000.00
Journal subscriptions	15,000.00	15,000.00
Donations	1.00	1.00
Royalties:		
Mathematical Geosciences	17,000.00	17,000.00
Computers & Geosciences 2012	80,000.00	
Computers & Geosciences	60,000.00	60,000.00
Natural Resources Research	3,000.00	3,000.00
Monographs	300.00	300.00
Budget Subtotal: Royalties	*160,300.00*	*80,300.00*
C&G Research Scholarships grant	10,000.00	10,000.00
CD orders:		
Computers & Geosciences Silver CD	80.00	80.00
IAMG Annual Conference (return from seed money)	4,000.00	4,000.00
Franklin Templeton Income Fund (Chayes Fund)	10,000.00	0.00
Mutual Funds Dividends (General Funds) :		
Franklin Templeton Income Fund (General Funds)	25,721.00	26,000.00
Franklin Templeton Rising Dividends Fund	405.00	405.00
Franklin Templeton Strategic Income Fund	7,900.00	8,000.00
Nuveen Funds	2,984.00	3,000.00
Colombia Funds	3,240.00	3,200.00
Principal Global Diversified Income Fund	4,500.00	4,535.00
Budget Subtotal: Mutual Funds Dividends	*44,750.00*	*45,140.00*
Total Income	**250,131.00**	**160,521.00**
EXPENSES		
Journal subscriptions: to publishers	18,000.00	18,000.00
Royalties share:		
Monograph 6 (50% royalties)	100.00	100.00
Awards:		
Chayes Prize and travel ($10,000 prize, $3,000 travel)	13,000.00	
Vistelius	3,500.00	
Krumbine		5,000.00
Griffiths		5,000.00
Matheron Lecturer	3,500.00	5,000.00
Distinguished Lecturer	10,000.00	10,000.00
C&G Research Scholarships (4 @ $2,500)	10,000.00	10,000.00
MG Research Scholarships (3 @ $2,500)	7,500.00	7,500.00
NRR Research Scholarships (2 @ $2,500)	5,000.00	5,000.00
Student Research Grants (from 2012 applications)	6,000.00	0.00
Student Travel Grants	3,000.00	3,000.00
Student Chapter Support	12,000.00	12,000.00
IAMG Conference Support:		
Seed money for IAMG conferences	6,000.00	6,000.00
Non-IAMG Conference Support	8,000.00	8,000.00
Contract Labor (IAMG Office operating expenses)	6,000.00	6,000.00
Contract Labor (IAMG Office)	11,000.00	11,000.00
Dedicated Server Provider	1,000.00	1,000.00
Outreach Project	8,000.00	8,000.00
Accounting Services	5,000.00	5,000.00
Bank charges	2,000.00	2,000.00
Promotion and Booths	2,000.00	2,000.00
IAMG News Letter (2 per year)	6,000.00	6,000.00
ISI Membership Dues	300.00	300.00
Travel: Officers & Members	25,000.00	30,000.00
Archivist operating expenses	1,000.00	1,000.00
Earth Science Matters (ESM) 5,000 euros	6,500.00	6,500.00
Miscellaneous	8,181.00	8,000.00
Total expenses	**187,581.00**	**181,400.00**
NET Investment (-) Disinvestment	**62,550.00**	**-20,879.00**