

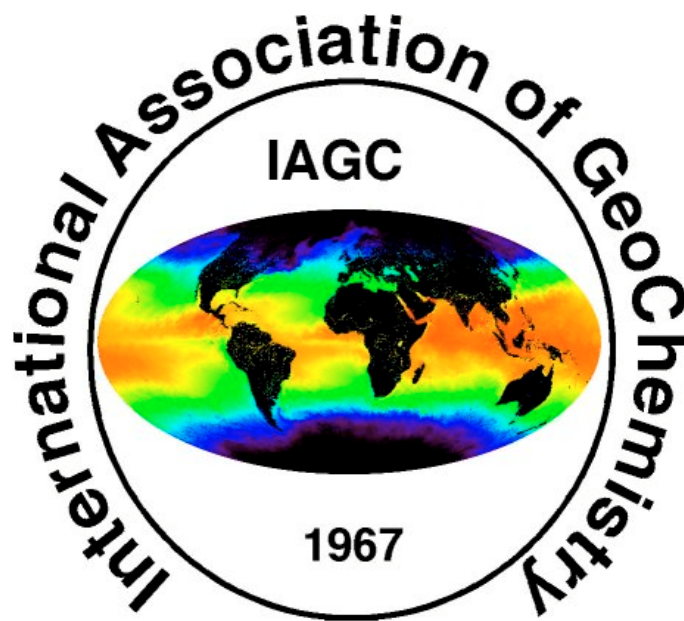
# Newsletter

of the

**International Association of GeoChemistry**

**Number 41, December 2004**

**Mel Gascoyne, Newsletter Editor**



## NEWS FROM THE ASSOCIATION

- Name change
- New Statutes
- "Elements"
- New logo
- New Council
- Ingerson Lecture at IGC
- Upcoming meetings
- Web site

***Please renew your membership in IAGC today ! See p. 8 for details***

## NEWS FROM THE ASSOCIATION

### A time for change:

1) **New Council members:** Every four years, Council members come up for re-election. They can serve a maximum of eight years and, this year, ten new Councillors have been elected at the annual Council Meeting, held in conjunction with the International Geological Congress (IGC) in Florence, Italy, on August 20th (see list on p.9)

2) **Name change:** The IAGC has changed its name to the International Association of GeoChemistry. This move was approved by Council so that our name more accurately reflects our objectives, members interests and journal (*Applied Geochemistry*).

3) **Website:** IAGC has a new website assembled through the Business Office and the "Granite" internet server in Pinawa, Manitoba. Check it out and send us your comments: <http://www.iagc.ca>. (unfortunately, iagc.com and iagc.org were already taken !) The site is being updated regularly with new information.

4) **Statutes:** Together with the name change, there has been a concomitant change in our Statutes. They can be accessed through our website. Some changes are still in progress, in particular, dealing with the Publications Committee, the Business Office, and Working Groups.

5) **"Elements":** Most of you, by now, should have received a copy of issue #1 of "Elements", a new geochemical magazine shared by seven geochemical associations of which the IAGC is one. We hope you are impressed by its appearance and content. At \$5 for five issues in 2005 (*Elements* is subsidised by 50% by the IAGC) it is a bargain. Let us know what you think of it. I for one, am hoping to see more environmental and applied geochemical content in future issues - I am told this will happen.

### IAGC Business Office Activities

If the first 6 months of this year was a busy one for the Business Office, the last 6 months has been doubly so. Newsletter #40 came out in April, "Elements" and our association with six other geochemical societies suddenly took off in November, dues and subscriptions to *Applied Geochemistry* kept rolling in, some from delinquent members, others from geochemists new to the IAGC, new and detailed Statutes were written under the guidance of Vice President Russell Harmon, and a new, easily accessible web site was established..

There have been very few reports of lack of receipt of *Applied Geochemistry* issues for 2003 or 2004 so I presume that everyone is receiving their issues. The Business Office has been receiving five copies of each monthly issue of *Applied Geochemistry* for dealing with missing-issue complaints by subscribers. These issues go back to 2002 (volume 17).

**Any IAGC member that is paid up and has a subscription to *Applied Geochemistry* for 2003 or 2004 but has not received all copies of AG should contact the Business Office (address on page 8).**

The Business Office is offering to mail out missing issues of volumes 17, 18 & 19 to fill in the gaps of members' collections, free of charge! Let us know if you are missing an issue. Note that we cannot replace large numbers of missing issues - members should contact the Business Office separately to arrange this.

## **Minutes of the first Council Meeting, August 20, 2004, Florence, Italy.**

### **Summary:**

Minutes\_(recorded by A. Demény)

**Present:** Eric M. Galimov, John Ludden, Attila Demény, Mel Gascoyne, Russell S. Harmon, Jochen Hoefs, Jan Kramers; new Council members: John Gray, Shaun Frape, Norbert Clauer, Kenji Notsu, Martin Novak, Andrew Parker. Quorum was reached. Invited: Friso Veenstra (Elsevier).

#### President's Report.

President Erik Galimov summarised the activity of IAGC; he considered it to be active and lively. As one of the major subjects, the journal *Applied Geochemistry* runs well, the relationship with Elsevier is good, the number and quality of manuscripts are improving. The Business Office is run well by M. Gascoyne, dues collection is being done smoothly.

Most of the Council members will retire and a new Council has to be seated for the period 2004-08. . The Treasurer's position also has to be filled as D. Long has resigned. The Vernadsky Medal has been established and 10 medals have been produced. Erik Galimov presented the medals to the Council members and invited councillor nominees. The medals were then turned over to the IAGC Business Office. The future of IAGC has been thoroughly discussed in the Council during 2004. Important issues will be acted upon by the new Council.

#### Treasurer's Report.

The Treasurer Dave Long prepared a short report that was presented by Attila Demény. The Council decided that more detailed information on the income and expenses was needed. Therefore, acceptance of the report was postponed.

The various Committee, Working Group, and Editor's reports were then presented and can be read at:

<http://www.geokemia.hu/~demeny/Reports.html>.

Apart from the Treasurer's report, there were only minor comments on the reports.

During his report presentation, Mel Gascoyne suggested creating an updated website that would be managed by the Business Office.

Reports from three Working Groups (Geochemistry and Disease, Global Geochemical Baselines, Water-Rock Interaction) were received and presented to the Council by the Secretary.

The leader of the Working Group "Global Geochemical Training", Professor U. Aswathanarayana, presented his report personally. Although no report was received from the Working Group "Applied Isotope Geochemistry", Dr. Martin Novák, the organizer of AIG-6 was present and he informed the Council about the meeting AIG-6. Professor Barry Batts contacted A. Demény after the meeting and will prepare a report on AIG-5 soon. The Council approved the reports, but concluded that a more rigorous evaluation is needed to close down non-active Working Groups.

#### Report of the Editor (*Applied Geochemistry*)

The report prepared by Ron Fuge was received and presented by the Secretary. The journal *Applied Geochemistry* is in a very good state, the international recognition is continuously improving, and the impact factor continues to improve (see presentation by Friso Veenstra on p. 6) and the list of upcoming papers on p. 8 & 9.

#### Summary on the International Ingerson Lecture

The International Ingerson Lecturer for 2004 was Professor Stephen Moorbath (title "Oldest rocks, Earliest Life, Heaviest Impacts, and the Hadean-Archean Transition"). The lecture was held in room 30 in the IGC venue with an audience of about 150 people. A framed certificate was prepared by A. Demény and, together with an

honorarium, was presented to the lecturer by John Ludden, President of IAGC.

#### Nomination Committee Report

The Council discussed the nomination and selection procedure presented by Russell Harmon, chairman of the Committee. Finally the selection procedure and the slate of nominations were approved and put to a vote of Council.

#### New business:

Honorary Member nomination: Past-President Gunter Faure was nominated to be an Honorary Member and was approved by the Council.

Election of new Officers and new Council members. The slate of candidates was:

Vice-President: Russell S. Harmon

Treasurer: Gunter Faure

New Council members: Alakendra N. Roychoudhury, Andrew Herczeg, Andrew Parker, Barry Lyons, Jan Kramers, John Gray, Kenji Notsu, Martin Novak, Norbert Clauer, Shaun Frape

The result of secret ballot was unanimous approval for all officer and Council member nominees.

#### Adjournment

### **Minutes of the second Council Meeting, August 20, 2004, Florence, Italy.**

#### **Summary:**

Minutes\_(recorded by A. Demény)

**Present:** John Ludden, Attila Demény, Mel Gascoyne, Russell S. Harmon, Jan Kramers; new Council members: John Gray, Shaun Frape, Norbert Clauer, Kenji Notsu, Martin Novak, Andrew Parker. Quorum was reached. Invited: Friso Veenstra (Elsevier).

#### Presidential address

President John Ludden opened the meeting, welcoming the new Council members. The new members introduced themselves to the Council. John Ludden summarised the recent activities of IAGC and the possibilities of future development. One of the major tasks of the near future is the improvement in IAGC's visibility to the scientific community.

#### New Business:

##### Report of the Merger Committee

Vice-President Russell Harmon informed the Council about the Merger Committee's work and the negotiation with the Association of Applied Geochemists. The Council agreed that in the present situation the issue of merging can be postponed.

Russ Harmon presented the revised Statutes that clarify many weak points (e.g. IAGC name, the situation of the Business Office manager, the evaluation of Working Groups, etc.) and thus may help improve the position of IAGC.

##### Applied Geochemistry and Elsevier's view on IAGC.

Friso Veenstra presented the situation of AG and the relationship between IAGC and Elsevier. He agreed that AG is on a good way, lively, profitable and well recognised. See more details of his presentation on page 6).

##### Revised Statutes: discussion and voting

John Ludden initiated a thorough discussion on the revised Statutes, with special attention to the name change issue.

R. Harmon and J.Kramers made a motion for a detailed description of the Vernadsky Medal in the Statutes. A committee consisting R. Harmon, E. Galimov, and J. Kramers will write the text.

J. Kramers and N. Clauer suggested creating an award for young scientists and clarifying the relationship with the International Ingerson Lecture.

Council Business meetings will be held every fourth year at the IGC, but additional meetings can be organized at major conferences (AGU, Goldschmidt, etc.) as deemed necessary or useful. S. Frape and J. Kramers suggested more detailed ratification procedure for Working Groups and a clarification to the Working Groups of the benefit received from the sponsorship by IAGC.

A. Parker asked about associated societies. M. Gascoyne answered that there was a relationship with the Clay Minerals Society.

Following a motion by A. Parker, the revision of the Statutes (apart from the name change) was approved by a unanimous vote of Council.

#### Name change

John Ludden initiated a discussion during which each Council member was asked to express his opinion. The major points made were:

- Pro: the role of IAGC in cosmochemistry is negligible; a wider identification would be better.
- Con: a well-known name should not be changed; the name change itself is not enough, activity is more important.

Following a motion from J. Gray (seconded by S. Frape) to adopt the name change listed in the revised Statutes, a voting was conducted. The result was: 9 for the change to International Association of GeoChemistry and 4 against, with no abstentions. Thus, the name change was approved.

#### New Look at Geochemistry.

Professor U. Aswathanarayana presented his view on the role of geochemical training in the generation of new jobs and thus, the promotion of geochemistry.

#### Other business

- New Assoc. Editors. More editors are needed to help the Executive Editor, suggestions are welcome.
- Working Groups: reports should be prepared at the end of every year and that report will be the basis of the periodic review of the

Working Group charter, as mandated in the revised Statutes.

- Publication Committee: according to the Statutes only a Council member can serve as the Chair of the Committee. With a motion from S. Frape (seconded by J. Kramers), the Council elected J. Gray with 100% support. N. Clauer noted that the tasks of the Committee chair should be described in the Statutes in more detail and volunteered to provide a draft.
- Goldschmidt meeting in 2005. IAGC-related sessions should be organised by the Council members and Working Group leaders. The financial support from IAGC may reach 10,000 USD (to the Goldschmidt organizers and to session convenors together).
- Role of the Business Office, and website. The Council approved the Statutes' revision and supported the proposal of M. Gascoyne to create a professional website (cost about 1000 USD, plus ~300 USD/year maintenance cost)
- IUGS Grants program: financial support for workshops can be requested. This may be used to promote the development of separate IAGC meetings or sessions. M. Novák suggested to support workshops and short courses.

#### Adjournment

## INTERNATIONAL INGERSON LECTURE

The International Ingerson Lecture originated from a bequest by Earl Ingerson to the International Association of Geochemistry and Cosmochemistry in 1985, to provide an award for distinguished geochemists. The award, which includes a framed certificate and \$500 honorarium, is given every 2-4 years. The *International Ingerson Lecture* for 2004 was delivered in Florence, Italy at the 32<sup>nd</sup> International Geological Congress by Prof. Stephen Moorbath of Oxford University, and entitled "Oldest Rocks, Earliest Life, Heaviest Impacts, and the Hadean-Archaean Transition".

## WORKING GROUP ACTIVITIES

One of the main aims of the IAGC is to sponsor symposia and international meetings on various aspects of geochemistry, primarily through its Working Groups but also through an IAGC conference grants program. For instance, the IAGC sponsored a thematic session on "Frontiers in Analytical Geochemistry" at the International Geological Congress, in Florence, Italy, this year, and a collection of papers on this will appear in the near future as a special issue of *Applied Geochemistry*.

In 2005, IAGC will also sponsor a special session on Archaeological Geochemistry at the April EGU Meeting in Vienna, and will join in the sponsorship of the 15<sup>th</sup> Goldschmidt Conference in Moscow, Idaho in May. IAGC will also be a general sponsor of the 6th International Symposium on Applied Isotope Geochemistry in Prague, in September 2005.

At present IAGC has seven Working Groups:

Water-Rock Interaction,  
Global Geochemical Baselines,  
Geochemistry of the Earth's Surface,  
Applied Isotope Geochemistry,  
Thermodynamics of Natural Processes,  
Geochemical Training in Developing Countries  
Geochemistry of Health and Disease

The activities of each of these will be featured in upcoming issues of "Elements".

**The IAGC has recently revised its web-site and now contains information on the Association, its history, details of sponsored meetings, the biannual Newsletter, how to join, and the Working Group activities. The site address is <http://www.iagc.ca>.**

## ABOUT "ELEMENTS"

By now, you should have received a copy of issue # 1 of "**ELEMENTS**", a new international magazine of mineralogy, geochemistry and petrology. A product of five geochemical societies (the Mineralogical Society of America, the Mineralogical Society of Great Britain and Ireland, the Mineralogical Association of Canada, the Geochemical Society, and the Clay Minerals Society), *Elements* is provided as a benefit to all members of these societies.

The IAGC Executive voted in November to become a part of this consortium (along with the European Association of Geochemistry who also recently decided to join) and, because of the timing of this decision, issue # 1 will be sent to all IAGC members free of charge. The cost of future issues (5 are planned in 2005) will be borne in part by IAGC funds and part by an increase in membership dues to \$20 (from \$15). This increase can be seen on the invoice for 2005 dues and subscription (to *Applied Geochemistry*) that was recently sent out. We hope you will find this good value for money.

Newsletters will continue as usual although some of their content will also appear in *Elements* on the two pages allotted to each of the member societies. This way, IAGC activities will be broadcast to a much larger, international, geochemical audience than before. Please send any comments to the Business Office on p. 8.

The editorial team consists of Rod Ewing, Ian Parsons, Michael Hochella (Senior Editors) and Pierrette Tremblay.(Managing Editor). *Elements* is guided by an Advisory Committee of some 18 geochemists from around the world who keep track of the technical content, and an Executive Committee of seven (one from each member society) who oversee the financial aspects of the magazine. The IAGC Chairman of the Publications Committee, John Gray, serves on the



Advisory Board and Vice President, Russell Harmon, is our representative on the Executive Committee.

Future issues of *Elements* will contain articles on diamonds, the geochemical origin of life, the role of surfaces on toxic metals in the environment and environmental changes in large igneous provinces.

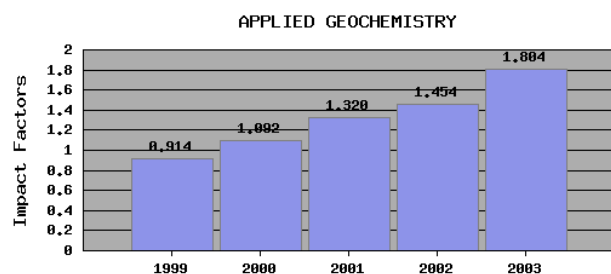
### MORE ON APPLIED GEOCHEMISTRY

Friso Veenstra, Publisher, Geophysical Sciences, (Elsevier) gave a presentation at the second Council Meeting in Florence and revealed some interesting facts about *AG* and its relation to Elsevier and the IAGC:

- Manuscript rejection rate is about ~45%,
- Numbers of accepted papers have generally increased over the last four years:
 

2000	82 papers logged in
2001	114 papers
2002	137 papers
2003	116 papers
2004	81 papers (by end July)
- Pages published have increased:
 

2000:	1,533 pages
2001	1,721 pages
2002	1,582 pages
2003	1,875 pages
2004	1,653 pages (to 19 Oct)
- Impact factor continues to increase:



- Entitled accounts (May 2004)
  - 1,879 ScienceDirect Online
  - 120 WebEditions (Total is ~ 2000 institutional accounts)

- Estimated number of full-text users (May 2004) = 5,077 individuals
- ScienceDirect usage:
 

- 2001	29,226
- 2002	47,485 (+62%)
- 2003	90,307 (+90%)
- 2004	54,685 (by May 2004)
- Elsevier believes the connection between *Applied Geochemistry* and the IAGC to be an intrinsic component of its success
- Input side: we hope IAGC members will consider *Applied Geochemistry* to be their journal
- Output side: member subscriptions, and a clear link between scope of the journal and field of interest of IAGC members.

Friso's final comment was "It is hoped that stronger links can be forged with the different Working Groups of IAGC. For instance, Volume 18/9: *Arsenic Geochemistry – selected papers from the 10<sup>th</sup> Water–Rock Interaction Symposium, Villasimius, Italy, 10–15 June 2001* (edited by Fanfani et al.), could serve as an example".

## COMING EVENTS

### IAGC-Sponsored Meetings

**The 15th Annual Goldschmidt Conference 2005, Moscow, Idaho, USA, 20-25 May, 2005**

For the first time, IAGC is collaborating with the Geochemical Society, the European Association of Geochemistry, and the Mineralogical Society of America to sponsor the 15th annual Goldschmidt Conference. This premier international geochemistry conference ([www.the-conference.com/2005/gold2005/index.php](http://www.the-conference.com/2005/gold2005/index.php)) will be held in Moscow, Idaho (USA) from 20-25 May 2005. IAGC will organize the three special theme symposia listed below. Interested geochemists are encouraged to participate in this special conference and, if appropriate, one of the three IAGC-sponsored sessions:

The Geochemistry of Mercury – Session SS-74  
Conveners: John Gray (jgray@usgs.gov) - U.S. Geological Survey, Mark Hines (Mark\_Hines@uml.edu) - University of Massachusetts

The Halogens and their Isotopes in Marine and Terrestrial Aqueous Systems - Session SS-75  
Conveners: Glen Snyder (gsnyder@rice.edu) - Rice University Earth Science; Jean Moran (moran10@llnl.gov) - LLNL

Watershed-Scale Geochemistry - Session SS-81  
Berry Lyons (lyons.142@osu), Ohio State University and David Long (long@msu.edu), Michigan State University.

### **7th International Symposium on the Geochemistry of the Earth's Surface (GES-7); Aix-en-Provence, France, Aug. 23-27, 2005.**

This symposium is organised by the IAGC Working Group of the same name. The principal focus of past GES meetings has been on processes happening at the earth's surface. GES-7 continues that overall theme with greater emphasis on the multiscale environmental biogeochemistry of the Earth's surface.

Aix-en-Provence is located in the south-eastern corner of France, near the Mediterranean Sea. It is a town of sun, water and fountains; a town of art and culture with a rich patrimony.

Abstract deadline is 1<sup>st</sup> April, 2005. For further details go to the web site <http://www.cerege.fr/GES7/ges7/second.htm>

### **6th International Symposium on Applied Isotope Geochemistry (AIG-6), Prague, Czech republic, 11-16 September, 2005.**

The Symposium is organized by the International Association of Geochemistry (IAGC). The topics include:

Advances in isotope techniques (such as multiple-collector ICP MS),  
Traditional and non-traditional isotopes,  
Magmatic, sedimentary and extra-terrestrial isotope systems,  
Applications to biogeochemistry,  
Isotope tracers of hydrogeochemical processes,  
Distinguishing natural and anthropogenic contamination,  
Ecosystem-scale studies,  
Paleoenvironments,  
Isotope archives of global change and past pollution,  
Isotope constraints of greenhouse-gas budgets,  
Relationship between environment and human health.

The registration fee (440 Euro) includes also two guided sight-seeing tours of Prague, a field trip to the spa of Carlsbad, lunches and dinners at Brevnov Abbey, the Icebreaker Reception, a concert, the Conference Dinner, and public transport for 7 days.

Further details (including information about financial assistance) can be found at the following web-page: <http://www.aig6.cz>

### **Other Meetings of Interest**

#### **The International Conference on Acid Deposition, Acid Rain 2005, Prague, 12-17 June, 2005**

This meeting will be the seventh in a series on the effects of air pollution and acidification of ecosystems. These conferences have been held every five years since 1975.

Acid Rain 2005 marks a transition from “Acid Rain” being viewed somewhat in isolation, to its being seen as integrally linked with climate change, land use, biodiversity, and human health.



**Second circular - [acidrain2005-2.pdf](#)  
[acidrain2005-2.pdfacidrain2005 2.pdf](#)**



## 22nd International Meeting on Organic Geochemistry (22nd IMO), Seville, Spain, 12-16 September 2005

The deadline for abstract submission is approaching (7th January 2005). All the information about the event is available at the conference web page (<http://www.imog05.org>) where you may also submit your contributions electronically

Contact person: Francisco J. Gonzalez-Vila 22nd IMO Chairman.

## UPCOMING PAPERS IN APPLIED GEOCHEMISTRY

*Applied Geochemistry* is the official journal of the International Association of GeoChemistry. The journal was launched in 1986 under the editorship of Brian Hitchon. The early volumes of the journal consisted of around 700 pages in 6 issues. The journal has expanded dramatically since those early days with 2000 pages being published in 12 issues of volume 19 in 2004. *Applied Geochemistry* seeks to publish papers which report on some practical application of geochemistry to an aspect of human endeavour. Some of the papers scheduled to be published in the early part of 2005 are listed as follows:

### How to contact us:

**To join or renew your membership in the IAGC, subscribe to or track down errant issues of *Applied Geochemistry*, or to send in comments, etc., contact:**

**IAGC Business Office, Box 501, Pinawa, Manitoba R0E 1L0, Canada.**

J. Jönsson, P. Persson, S. Sjöberg and L. Lövgren: Schwertmannite precipitated from acid mine drainage: phase transformations, sulphate release and surface properties.

E. Pardo-Igúzquiza and M. Chica-Olmo: Interpolation and mapping of probabilities for geochemical variables exhibiting spatial intermittency.

J. E. Gray, D. L. Fey, C. W. Holmes and B. K. Lasorsa: Historical deposition and fluxes of mercury in Narraguinnep Reservoir, southwestern Colorado, USA.

M.-X. Zhu, X. Jiang and G.-L. Ji: Investigation of time-dependent reactions of H<sup>+</sup> ions with variable and constant charge soils: a comparative study.

D. N. Castendyk, J. L. Mauk and J. G. Webster: A mineral quantification method for wall rocks at open pit mines, and application to the Martha Au-Ag mine, Waihi, New Zealand.

B. L. Brown, A. D. Slaughter and M. E. Schreiber: Controls on roxarsone transport in agricultural watersheds.

J. E. Catalano, J. A. Warner and G. E. Brown, Jr.: Sorption and precipitation of Co(II) in Hanford sediments and alkaline aluminate solutions.

G. Jacks, P. Bhattacharya and V. Chaudhary: Controls on the genesis of high-fluoride waters in India.

M. Yamanaka, T. Nakano and N. Tase: Hydrogeochemical evolution of confined groundwater in northeastern Osaka Basin, Japan: estimation of confined groundwater flux based on a cation exchange mass balance method.

L. Johansson, C. Xydias, N. Messios, E. Stoltz and M. Greger: Growth and Cu accumulation by plants grown on Cu containing tailings in Cyprus.

S. Grassi and G. Cortecchi: Hydrogeology and geochemistry of the multilayered confined aquifer of the Pisa Plain (Tuscany-Central Italy).

R. T. Nickson, J. M. McArthur, B. Shrestha, T. O. Kyaw-Myint and D. Lowry: Arsenic and other drinking water quality issues, Muzaffargarh District, Pakistan.

E. González-Partida, A. Carrillo-Chávez, G. Levresse, E. Tello-Hinojosa, S. Venegas-Salgado, G. Ramirez-Silva, M. Pal-Verma, J. Tritlla and A. Camprubi: Hydrogeochemical and isotopic fluid evolution of the Los Azufres geothermal field, central Mexico.

M. Singh, M. Sharma and H. J. Tobschall: weathering of the Ganga alluvial plain, northern India: implications from fluvial geochemistry of the Gomati River.

C. M. Linklater, D. J. Sinclair and P. L. Brown: Coupled chemistry and transport modelling of sulphidic waste rock dumps at the Aitik mine site Sweden.

A. P. Karageorgis, C. L. Anagnostou and H. Kaberi: Geochemistry and mineralogy of the NW Aegean Sea sediments: implications for river runoff and anthropogenic impact.

A. Courtin-Nomade, C. Grosbois, H. Bril and C. Roussel: Spatial variability of Arsenic in some iron-rich deposits generated by acid mine drainage.

R. Cruz, I González and M. Monroy: Electrochemical characterization of pyrrhotite reactivity under simulated weathering conditions.

F. Garrido, V. Illera and M. T. García-González: Effect of the addition of gypsum and lime-rich industrial by-products on Cd, Cu, and Pb availability and leachability in metal spiked soils.

J. Tuo and R. P. Philp: Saturated and aromatic diterpenoids and triterpenoids in Eocene coals and mudstones from China.

K.-H. Goh and T.-T. Lim: Arsenic fractionation in a fine soil fraction and influence of various anions on its mobility in the subsurface environment.

K. Grünfeld: Dealing with outliers and censored values in multi-element geochemical data – a visualization approach using XmdvTool.

S. Okubo: Effects of thermal cracking of hydrocarbons on the homogenization temperature of fluid inclusions from the Niigata oil and gas fields, Japan.

M. A. Glaus, B. Baeyens, M. Lauber, T. Rabung and L. R. Van Loon: Influence of water-extractable organic matter from Opalinus Clay on the sorption and speciation of Ni(II), Eu(II) and Th(IV).

R. L. Seiler, K. G. Stollenwerk and J. R. Gabarino: Factors controlling tungsten concentrations in ground water, Carson Desert, Nevada.

Z. Cheng and K. A. Foland: Lead isotopes in tap water: implications for Pb sources within a municipal water supply system.

G. Mallén, R. Trettin, M. Gehre, R. Flynn, T. Grischek and W. Nestler: Influence of upwelling Zechstein sulphate on the concentration and isotope signature of sedimentary sulphides in a fluvio-glacial sand aquifer.

D. L. Naftz, J. Yahnke, J. Miller and S. Noyes: Selenium mobilization during a flood experiment in a contaminated wetland, Stewart Lake Waterfowl Management Area, Utah.

## The New Executive and Council of the IAGC

The administration and activities of **IAGC** are conducted by the Council, comprising an Executive (President, Vice-President, Secretary, Treasurer), the Past-President, the Journal and Newsletter editors, and ten ordinary members. The officers for the period 2004-2008 are as follows:

<b>President:</b>	John Ludden (France)	<b>Councillors:</b>	Alakendra N. Roychoudhury (S. Africa)	John E. Gray (USA)
<b>Vice-President:</b>	Russell S. Harmon (USA)		Norbert Clauer (France)	Andrew Herczeg (Australia)
<b>Past-President:</b>	Erik Galimov (Russia)		Andrew Parker (UK)	Berry Lyons (USA)
<b>Secretary:</b>	Attila Demeny (Hungary)		Jan Kramers (Switzerland)	Kenji Notsu (Japan)
<b>Treasurer:</b>	Gunter Faure (USA)		Shaun Frape (Canada)	Martin Novak (Czech Rep.)
<b>Executive Editor:</b>	Ron Fuge (UK)	<b>Business M'ger &amp; Newsletter Ed.</b>	Mel Gascoyne (Canada)	

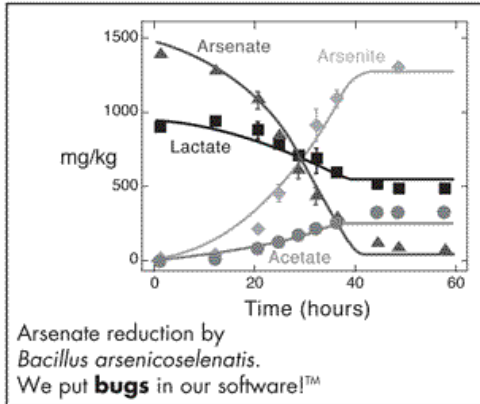
A full list of Council, Working Group Chairmen, and their contact addresses will be included in Newsletter #42, due out in the spring of 2005.

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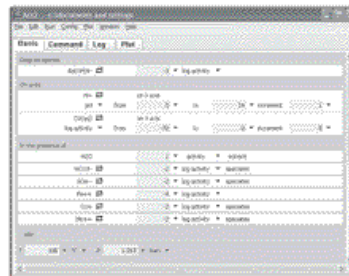
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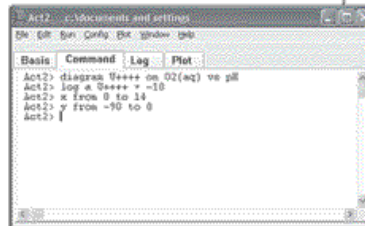
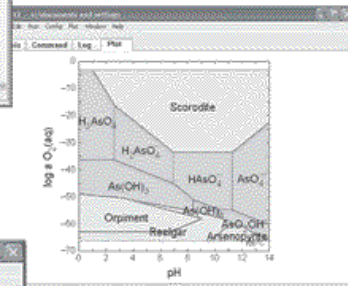
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