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## International Association of Geochemistry

### CHANGES AT THE TOP

Dr. John Ludden, the IAGC's current president, has announced that he intends to step down from this position due to his recent appointment as director of the British Geological Survey, a post he will take up this summer. The IAGC would like to thank John for his guidance in the past two years and wish him well in this prestigious position.

Another recent change has been the retirement, due to health reasons, of Dr. Robert A. Berner as Chairman of the IAGC Working Group Geochemistry of the Earth's Surface. Bob has asked that Prof. Sigurður Gíslason (sigrg@raunvis.hi.is), University of Iceland, take over the position.

**Mel Gascoyne**, Manager,  
IAGC Business Office Manager & Newsletter Editor

### THE IAGC'S 40<sup>th</sup> BIRTHDAY!

Next year, the IAGC will be 40 years old, having been founded in 1967 by Earl Ingerson and others. Our history and early beginnings were described in detail by past Secretary and Vice President Brian Hitchon (*Applied Geochemistry*, volume 1, pp. 7–14).

Plans are afoot to recognise the birthday in conjunction with the Goldschmidt Conference, to be held in Cologne, Germany, 19–24 August 2007. It has been decided that medal awards planned for 2006 will be deferred to this Goldschmidt meeting. Watch this space in the next issue of *Elements* for more details.

### UPCOMING IAGC-SPONSORED MEETINGS

#### Goldschmidt Conference

The 16<sup>th</sup> Annual Goldschmidt Conference will take place in Melbourne, Australia, from 27 August to 1 September, 2006. The IAGC is a cosponsor of this meeting, which is convened by the Geochemical Society and the European Association for Geochemistry. Conference themes include geochemical techniques, mineral deposits, the solar system, constraints on timescales, biogeochemistry, aquatic geochemistry, surface processes and ocean chemistry. Full details can be found at [www.goldschmidt2006.org](http://www.goldschmidt2006.org). Please note the following deadlines:

**30 June 2006** – Speaker registration deadline

**30 June 2006** – Early registration cut-off date

Through sessions organized by various committees, the Melbourne 2006 Goldschmidt Conference will provide a forum for open discussion of important issues. The conference should help us acquire fresh perspectives on future scientific requirements, set specific achievable goals, and discuss research opportunities. For a detailed summary of each theme, please refer to the website, [www.goldschmidt2006.org](http://www.goldschmidt2006.org)

**LOOK OUT FOR THE IAGC BOOTH  
AT GOLDSCHMIDT IN MELBOURNE!**

**COME BY AND PUT YOUR NAME IN FOR THE PRIZE DRAWS!**

### ISEG-7

The 7<sup>th</sup> International Symposium on Environmental Geochemistry is to be held (*note date change*) on 24–27 September, 2006, in Beijing, China. IAGC support is being provided for this meeting. The main themes at the conference will be geochemical records of change and contamination, geochemistry and health, fragile habitats (e.g. karsts), organic pollutants, coal, water resources, environmental management and analytical geochemistry. Advance registration must be made by 31 July 2006.

### IAGC-Sponsored Sessions at GSA 2006

The following thematic sessions have been proposed for the next Geological Society of America (GSA) meeting to be held in Philadelphia, 22–25 October 2006: "Geochemical Modeling Applications in Ground Water Systems," chaired by June Mirecki and Russell Harmon, and "Sources, Transport, Fate and Toxicology of Trace Elements in the Environment," chaired by LeeAnn Munk, David Long and W. Berry Lyons. Watch for details at the GSA website ([www.geosociety.org](http://www.geosociety.org)) later in the summer.

### APPLIED GEOCHEMISTRY UPCOMING PAPERS



Below are titles of some of the new papers that will appear in *Applied Geochemistry* in the next few months.

- Spectroscopic investigation on the chemical forms of Cu during the synthesis of zeolite X at low temperature – R. Terzano, M. Spagnuolo, L. Medici, F. Tateo, B. Vekemans, K. Janssens, P. Ruggiero
- Sources of groundwater nitrate revealed using residence time and isotope methods – K. B. Moore, B. Ekwurzel, B. K. Esser, G. B. Hudson, J. E. Moran
- Estimation of potential pollution of waste mining dumps at Peña del Hierro (Pyrite Belt, SW Spain) as a base for future mitigation actions – A. Romero, I. González, E. Galán
- Behaviour of boron and strontium isotopes in groundwater-aquifer interactions in the Cornia Plain (Tuscany, Italy) – M. Pennisi, G. Bianchini, A. Muti, W. Kloppmann, R. Gonfiantini
- Elemental sulfur in drain sediments associated with acid sulfate soils – E. D. Burton, R. T. Bush, L. A. Sullivan
- Fate of organic matter during aquifer storage and recovery (ASR) of reclaimed water in a carbonate aquifer – J. L. Vanderzalm, C. Le Gal La Salle
- Evidence of precursor phenomena in the Kobe earthquake obtained from atmospheric radon concentrations – Y. Yasuoka, G. Igarashi, T. Ishikawa, S. Tojonami
- Transport of Cd, Cu and Pb in an acid soil amended with phosphogypsum, sugar foam and phosphoric rock – C. G. Cambell, F. Garrido, V. Illera, M. T. García-González
- Apparent seasonal variations in iron photoreduction in acidic discharge from a former pyrite mine, Oakland, California – T. W. Butler, J. C. Seitz
- The applicability of accelerated solvent extraction (ASE) to extract lipid biomarkers from soils – B. Jansen, K. G. J. Nierop, M. C. Kotte, P. de Voogt, J. M. Verstraten
- Partitioning and mobility of trace metals in the Blesbokspruit: Impact assessment of dewatering of mine waters in the East Rand, South Africa – A. N. Roychoudhury, M. Starke
- Modelling spatial and temporal variations in temperature and salinity during stratification and overturn in Dexter Pit Lake, Tuscarora, Nevada, U.S.A. – L. S. Balistrieri, R. N. Temple, L. L. Stilings, L. A. Shevenall

**Ron Fuge**, Executive Editor  
*Applied Geochemistry*