



# International Association of GeoChemistry

[www.iagc-society.org](http://www.iagc-society.org)

## NEW LEADERSHIP FOR THE IAGC

The IAGC Board has selected a new vice-president and six new Council members, all of whom assumed their duties at the conclusion of the IAGC business meeting held in Guanajuato, Mexico, during the Water-Rock XIII symposium in August 2010.

### IAGC Vice-President



**Richard B. Wanty** of the U.S. Geological Survey is the new IAGC vice-president. Rich received his PhD in geochemistry from the Colorado School of Mines and has since been a research chemist for the U.S. Geological Survey in Denver, Colorado. Rich's research focuses on mineral and energy resources, trace element geochemistry, drinking water quality, radionuclide geochemistry, and various other topics. His recent research has been

on the environmental effects of historic mining; the determination of natural baseline geochemistry of metal isotopes, especially Fe, Cu, and Zn; and landscape geochemistry. Rich is an associate editor of *Applied Geochemistry* and served as an editor for the proceedings of the 11<sup>th</sup> and 12<sup>th</sup> Water-Rock Interaction international symposia. Rich has also been a visiting professor at the University of Cagliari and a research professor at the Colorado School of Mines.

### Welcoming New Council Members

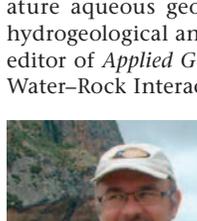


**Ian Cartwright**, of Monash University, Australia, has been studying geochemical processes for 25 years. While much of Ian's original work involved understanding crustal fluid flow, his recent work has dealt mainly with groundwater and surface water systems. He uses environmental stable and radiogenic isotopes together with major-ion geochemistry to determine large-scale flow in aquifers, the origin and evolution of solutes, ground-

water mixing, and groundwater-surface water interaction. Ian oversees the Monash University Stable Isotope Facility and is also involved in collaborative research in paleoclimatology, diagenesis, and global element cycles.



**Janet S. Herman** is a full professor in the Department of Environmental Sciences and Director of the Program of Interdisciplinary Research in Contaminant Hydrogeology at the University of Virginia in Charlottesville, Virginia, USA, where she joined the faculty in 1982. Janet obtained her BS in geological sciences (1977) and PhD in geochemistry (1982) at Pennsylvania State University. Her research interests are low-temperature aqueous geochemistry, water-rock interactions, and coupled hydrogeological and geochemical processes. She has been an associate editor of *Applied Geochemistry* and has convened technical sessions at Water-Rock Interaction symposia.



**Thomas Kretzschmar** is a hydrogeochemist in the Department of Geology at the Centro de Investigación Científica y de Educación Superior de Ensenada (CICESE), Mexico. Previously at the Autonomous University of Ciudad Juárez and the Cd Juárez water utility (JMAS), he studied the hydrochemical development and the chemical distribution of groundwater for the local water supply. During his stay at the JMAS he developed a hydrochemical model for the Boson del Hueco

aquifer and became familiar with the environmental needs of the region of Cd Juárez. Thomas is an affiliated researcher and a professor at the University of San Diego, where he is participating in a multidisciplinary research project regarding watershed analysis in the US Virgin Islands. He was the secretary general of the Water-Rock XIII Symposium held in Guanajuato, Mexico, in August 2010.



**Philippe Negrel** is head of the Isotope Geochemistry Unit and project leader for isotopes in the Metrology Monitoring Analysis Department at the Bureau de Recherches Géologiques et Minières (BRGM), France. Since 2005, he has chaired the Isotope Techniques for Understanding Water Quality Impacts of Wetlands Expert Group for the International Atomic Energy Agency. His research focuses on the application of isotopes in environmental studies.



**Martine M. Savard** joined the Geological Survey of Canada in 1990 and applied her expertise to the study of Pb-Zn carbonate-hosted deposits in Canada, Morocco, and Peru. She contributed to the development of new exploration strategies for petroleum in eastern Canada. Martine is an adjunct professor at the Centre Eau Terre Environnement of the Institut National de la Recherche Scientifique and is the head of the

Delta-Lab, a stable isotope laboratory now dedicated to solving environmental issues. She is pursuing research on the sustainable development of groundwater in the context of intense agriculture. Last year, Martine organized the 8<sup>th</sup> Applied Isotope Geochemistry Working Group meeting at the Manoir Richelieu in La Malbaie, Quebec, Canada.



**Teodóra Szócs** is the head of the Department of Hydrogeology at the Geological Institute of Hungary (MAFI), Hungary. She has worked in the hydrogeochemical and modeling branch of the Department of Hydrogeology. Her main research areas include survey and hydrogeochemical evaluation of shallow and deep groundwaters, with emphasis on arsenic, water-rock interaction, and hydrogeological modeling of flow systems. She is

the national representative for Hungary in the EuroGeoSurveys' Water Resources Expert Group and national president of the Hungarian chapter of the International Association of Hydrogeologists.

## PHD STUDENT RESEARCH GRANTS

The IAGC Student Research Grant program is to assist PhD students in geochemistry to undertake and acquire geochemical analyses in support of their research based upon receipt of a meritorious proposal. Here are the three recipients of an IAGC PhD Student Research Grant for 2010:

**G. P. Gurumurthy** of the Department of Civil Engineering at Mainipal Institute of Technology (India) received a grant of US\$500 in support of his dissertation research "Major Ion, Trace Element, and Organic Carbon Geochemistry of the Nethravathi River, Southwest Coast of India."

**Lindsay MacKenzie** of the Department of Geosciences at the University of Montana (USA) received a grant of US\$1000 in support of her dissertation research "Using Geochemistry and Sedimentology to Determine the Taphonomy of the Chengjiang Biota, Yuanshan Formation, Yunnan Province, China."

**Christina Puscas** of the Department of Geology at the University of South Florida (USA) received a grant of US\$2500 in support of her PhD dissertation "Hypogene Caves along the Cerna Valley, Romania."