

First Notice

University of Ottawa

May 25-27, 2011



GAC - MAC - SEG - SGA



## Navigating Past & Future Change

Ottawa will host the 2011 joint annual meeting of the Geological Association of Canada, the Mineralogical Association of Canada, the Society of Economic Geologists, and the Society for Geology Applied to Mineral Deposits. Canada's Capital offers a unique blend of culture, history, and natural beauty, all in the heart of the city. It lies at the junction between the rocky edge of the Canadian Shield and the Cambrian and Ordovician deposits of an ancient sea, and is ideally situated for its two universities and the Geological Survey of Canada. The painting by artist Judi Pennanen shows the majestic limestone banks of the Ottawa River at Parliament Hill and highlights this meeting's opportunity to showcase the societal relevance of the Earth Sciences to federal decision makers.

Committed to exploring both the scientific and societal aspects of Earth Sciences, Ottawa 2011 will feature symposia and sessions that revolve around Navigating Past & Future Change.

Join us May 25-27th, on the downtown University of Ottawa Campus, to make this meeting a success!

**Details on registration, programs, and events are available on our website:**  
**[www.gacmacottawa2011.ca](http://www.gacmacottawa2011.ca)**

### Symposia

**Earth climate: past, present, future**

*Andrew Miall*

**Precambrian metallogeny**

*Benoît Dubé, Patrick Mercier, Sally Pehrsson, Harold Gibson, George Hudak*

**Circumpolar geoscience: past, present, future**

*Marc St-Onge, Chris Harrison, Dan Kerr, Don James*

**Tectonic evolution and sedimentary record of the Ottawa-Bonnechere Graben**

*Wouter Bleeker, George Dix*



### Special Sessions

**Water, waste and nuclear repositories**

*Ian Clark*

**Geoenvironmental ore deposit models**

*Alexandre Desbarats, Michael Parsons*

**New methods in detection of hidden mineral deposits**

*Neil Rogers*

**Integration of process based glacial understanding in mineral exploration studies**

*Hazen Russell, Dave Sharpe, Don Cummings*

**Arctic landscape evolution: large scale geomorphic response to regional climatic, oceanographic, and geodynamic processes**

*Duane Froese, John Gosse*

**Living in a naturally hazardous place**

*Greg Brooks, Réjean Couture*

**Emerging techniques and issues related to geology and health**

*Suzanne Beauchemin, Heather Jamieson, Jeanne Percival*

**Research frontiers**

*Wouter Bleeker*

**Rare elements: mobility and concentration processes**

*Iain Samson, Anthony Williams-Jones, Robert Linnen*

**Alkali porphyry Cu-Au-PGE deposits: revised models, exploration tools and links to other ore deposits associated with alkalic magmatism**

*Jacob Hanley, Graham Nixon*

**Elemental and isotopic analysis by LA-ICPMS: advances and applications**

*Joel Gagnon*

**Environmental geomicrobiology: microbial influences and molecular-scale interactions with minerals**

*Chris Weisener*



### General Sessions

To be organized under the various Earth Science disciplines.

### Short Courses

**Optical properties of minerals with applications to petrological processes**

*Jim Nicholls, Daniel Kontak*

**New advances in thermochronology as applied to mineral deposits**

*Alfredo Camacho, Ken Hickey*

### Field Trips

**Tectonic evolution and sedimentary record of the Ottawa-Bonnechere Graben: examining the Precambrian and Phanerozoic record of magmatic activity, faulting and sedimentation**

*Wouter Bleeker, George Dix*

**The defining tectonic elements of Ganderia**

*Cees van Staal*

**Blake River Group and its unique VMS endowment**

*GSC, Géologie Quebec, MNDMF and universities*

**Base metal metallogeny and stratigraphy in the Kidd-Munro and Tisdale assemblages in the Ontario part of the Abitibi**

*John Ayer, Ben Berger, Sonia Préfontaine, Michel Houlé*

**New insights into the Sudbury impact structure: environments for Ni-Cu-PGE**

*Doreen Ames, Richard Grieve*

**The volcanological and structural evolution of the Paleoproterozoic Flin Flon mining district**

*Harold Gibson, Bruno Lafrance, Michelle DeWolfe, Sally Pehrsson, Kelly Gilmore*

**Deglacial history of the Champlain Sea basin and implications for urbanization**

*Hazen Russell, Don Cummings*

**Subglacial hydrology: implication of the Cantley meltwater site**

*Dave Sharpe*

**Fenites, carbonatites, and astrobleme in the Gatineau Hills, new data new insights**

*Don Hogarth*

**Geological highlights of the National Capital Region**

*Al Donaldson*

**Geophysical observatories of the National Capital Region**

*Dave McCormack*

**Ottawa's building and monument stones**

*Quentin Gall*

### Social and Special Events

**Social Highlights** will include a Special Evening/Banquet at the Canadian Museum of Civilization followed by access to an exclusive exhibit and a private IMAX film viewing.

**Special Events** will include the Hockey Challenge for those dedicated "beer-leaguers" and a Fun Run to explore the UNESCO World Heritage Rideau Canal.

**Accompanying Guest Program** will include historic walking and boat tours, a day-long excursion to visit local artisans and historic Merrickville, and an afternoon tour of the Gatineau Hills and Mackenzie King Estate.

Plan to stay on after the meeting and participate in one of the runs (marathon, half marathon, 10 km, 5 km and 2 km) of the Ottawa Race Weekend.

### Exhibits

Organizations interested in exhibiting at the meeting should reserve space by contacting:

*Exhibits Chair, André Desrochers, University of Ottawa (andre.desrochers@uottawa.ca)*

#### Contact us:

Simon Hanmer (Chair)  
Geological Survey of Canada  
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André Lalonde (Co-Chair)  
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**[www.gacmacottawa2011.ca](http://www.gacmacottawa2011.ca)**



**SEG**  
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