

## Canadian Geophysical Union – Hydrology Section

May 14 – 17, 2006

Banff, Alberta

### Themes

We invite papers related to all areas of hydrology, including, but not restricted to, the following:

- Forest hydrology
- Hydrologic instrumentation
- Hydrologic modelling
- Hydrometeorology
- Remote sensing and GIS applications
- Sedimentation and erosion
- Snow, ice and cold regions
- Statistical hydrology
- Subsurface hydrology
- Wetlands

### Special Sessions:

In addition to Hydrology sessions on these themes, three special Hydrology sessions are being organized:

- **Extreme hydrological events:** This special session will be chaired by Dr. Kaz Adamowski ([kadamowski@hotmail.com](mailto:kadamowski@hotmail.com)) and consists of invited and submitted oral and submitted poster presentations. Abstracts are invited that address the assessment of knowledge related to all aspects of extreme events and associated risks
- **Recovery of watershed processes following forest disturbances:** This special session will be co-chaired by Dr. Dan Moore ([rdmoore@geog.ubc.ca](mailto:rdmoore@geog.ubc.ca)) and Mr. Rob Scherer ([rob.Scherer@forrex.org](mailto:rob.Scherer@forrex.org)) and consists of invited and submitted oral poster presentations. Abstracts are invited that address the topic of response and recovery of watershed processes subsequent to disturbances in forested watersheds at a variety of scales.
- **Hydrology and hydrochemistry of boreal forest landscapes:** This special session will be chaired by Dr. Richard Petrone ([rpetrone@wlu.ca](mailto:rpetrone@wlu.ca)) and consists of invited and submitted oral and poster presentations. Abstracts are invited that address key hydrological and hydrochemical properties and processes in boreal forest ecosystems.

There are also two special sessions being organized jointly with the Canadian Society of Soil Scientists:

- **Hydrology, soils and wetlands in the prairie landscape:** This special session will be co-chaired by Dr Dan Pennock ([pennock@skyway.usask.ca](mailto:pennock@skyway.usask.ca)), Dr Garth van der Kamp ([garth.vanderkamp@ec.gc.ca](mailto:garth.vanderkamp@ec.gc.ca)), Dr Bing-Cheng Si, and Dr Rhonda McDougal, and will feature keynote talks from Dr T.C. Winter and Dr N. H. Euliss, both of the U.S Geological Survey. Abstracts are invited that address the challenges facing prairie wetlands, and the integration of hydrology, soil science and habitat management in approaches to understanding and managing of the prairie landscape.
- **Hydrogeophysics: Application of geophysical methods in subsurface hydrology:** This special session will be co-chaired by Dr Gary Parkin ([gparkin@uoguelph.ca](mailto:gparkin@uoguelph.ca)) and Dr Masaki Hayashi ([hayashi@ucalgary.ca](mailto:hayashi@ucalgary.ca)), and will feature a keynote talk from Dr. Ty Ferré of the University of Arizona. Abstracts are invited that present innovative applications of geophysical methods to study soil water, groundwater, and subsurface ice, including theoretical studies, laboratory experiments, and case studies in the field.

**Abstract submission**

You are invited to submit an abstract of 150-300 words for an oral or poster presentation. All abstracts must be submitted to [jbuttle@trentu.ca](mailto:jbuttle@trentu.ca). If you wish to be included in one of the three special sessions, please indicate this with your abstract submission and copy your submission to the special session chair.