



SYMPOSIUM ANNOUNCEMENT

Characterizing regional groundwater flow systems:

Insight from practical applications and theoretical development

26 – 28 June, 2017

Calgary, Alberta, Canada

This international symposium will examine the current state of the regional groundwater flow concept, discuss any recent theoretical advancement, and share experiences from applications spanning energy exploration to environmental management.

Proposed Session Themes:

Water Management:

- Watersheds and water sources
- Groundwater dependent ecosystems
- Large flow systems
- Isotopic and geochemical fingerprinting

Economic Reserves Exploration:

- Hydrocarbon exploration
- Geothermal energy
- Ore genesis

Theory:

- Historical development
- Basin hydrodynamics
- Density and salinity effects
- Mixing of local and regional flows

Waste Disposal:

- CO₂ sequestration
- Pore space management
- Deep repositories
- Tailings and landfills

In addition to solicited and invited presentations, this event will have two optional 1-day field excursions in southern Alberta to learn more about the history of Canadian hydrogeology and hydrocarbon exploration.

The symposium will be hosted by the IAH Canadian National Chapter, and organized by the IAH Commission on Regional Groundwater Flow in cooperation with the IAH Commission on Groundwater and Energy.

The **call-for-abstracts** and registration information will be available by October 2016.

For more information please contact the organizing chair, Dr. Brian Smerdon:

brian.smerdon@aer.ca or the Regional Groundwater Flow Commission
regionalgwflow.iah@gmail.com

