

# The Rock Record – January 2006

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*Please contribute to the SGS  
Newsletter*

The SGS Newsletter is produced by the SGS executive. Letters, announcements, notices, comments, photos, news and information about SGS members, etc. are always welcome. Call an executive member or write to us at:

**Saskatchewan  
Geological Society  
P.O. Box 234  
Regina, SK S4P 2Z6**

**SGS e-mail address:**  
[info@sgshome.ca](mailto:info@sgshome.ca)

**SGS Website:**  
[www.sgshome.ca](http://www.sgshome.ca)

All advertising inquiries should be directed to Jeff Coolican

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**AGM, SATURDAY JANUARY 28<sup>TH</sup>  
COCKTAILS 6:30, SASKATCHEWAN ROOM,  
HOTEL SASKATCHEWAN  
PURCHASE TICKETS BY JANUARY 25<sup>TH</sup>**

**Wednesday, January 11<sup>th</sup>**

## **GEOLOGICAL STORAGE OF HIGH-LEVEL NUCLEAR WASTE: A CANADIAN EXAMPLE**

**Brian Brunskill**

**Lancaster Room, Royal Canadian Legion**

Cash Bar: 11:30; Lunch: 11:50

Meeting: 12:15 – 13:00

Members \$7.00, Non-members \$11.00

Contact: Jeff Coolican 787-8729

By NOON, Tuesday, January 10th, 2006

**Wednesday, January 25<sup>th</sup>**

## **Recent Ocean Floor Volcanism**

**Dr. Harold Gibson  
Professor, Laurentian University**

**Lancaster Room, Royal Canadian Legion**

Cash Bar: 11:30; Lunch: 11:50

Meeting: 12:15 – 13:00

Members \$7.00, Non-members \$11.00

Contact: Jeff Coolican 787-8729

By NOON, January 4<sup>th</sup>

**Luncheon Talk Wednesday January 11<sup>th</sup>**

**GEOLOGICAL STORAGE  
OF HIGH-LEVEL NUCLEAR WASTE:  
A CANADIAN EXAMPLE**

**Brian Brunskill  
Helix Geological Consultants.**

The concept of using geological repositories to store spent nuclear fuel and other high-level waste has been investigated in Canada for many years.

It has been proposed by the Canadian Nuclear Waste Management Organization that Canadians consider developing a geological repository somewhere in crystalline rocks of the Precambrian shield. Proposed storage facilities will employ traditional mining designs with the development of excavation shafts and storage rooms at significant depth (500–1000 m) where waste material is accessible for some time and then permanently abandoned. This presentation will summarize some of the ideas that have been suggested.

This presentation also proposes the investigation of methods to develop secure repositories in crystalline Precambrian rocks which make-up the basement of deep sedimentary basins in Canada. It focuses heavily on the use of natural systems to ensure permanent isolation of the nuclear waste.

**Luncheon Talk January 25<sup>th</sup>**

**Dr. Harold Gibson of Laurentian University will discuss recent oceanic volcanism as observed through his participation on ocean drilling programs.**

Abstract will be sent out via email later confirming date of presentation. Please check website ([www.sgs-home.ca](http://www.sgs-home.ca)) for updates.

We're always looking for interesting talks and speakers – contact either of the program chairs with ideas or suggestions.

## Other Events

### SGS Annual General Meeting

The SGS Annual General Meeting will be held January 28<sup>th</sup>, 2006, in the Oak Room at the Hotel Saskatchewan. Tickets are a bargain at \$20, so please keep this date free on your calendar and plan on attending this enjoyable night out. ***Please purchase tickets prior to January 25<sup>th</sup> by contacting either Bob Troyer at 787-2562 or Jeff Coolican at 787-8729.***

The Annual Report was sent out via email just before Christmas. The report provides a summary of the many activities sponsored by the Society during the past year. A brief list of some of the expected Society events of the upcoming year is presented below. If you have questions or suggestions for the Society in general, please come to the AGM, or contact any of the executive.

Events planned for the upcoming year include the regular luncheon talk program, the school and public lecture series, the U of R student talk night, the annual SGS Field Trip planned for Wyoming, and the greatly anticipated Golf Tourney. The Funspiel (Curling Bonspiel) is slated for this February 4<sup>th</sup> and more information on this event is presented below. During 2006 the SGS expects to co-publish with the Geological Association of Canada, EXTECH IV: Geology and Uranium EXploration TEChnology of the Proterozoic Athabasca Basin, Saskatchewan and Alberta. In addition, we are planning on hosting the Oil and Gas in Saskatchewan and Surrounds Symposium. The last Williston Basin Symposium, the 8<sup>th</sup> International, was held in 1998 and there has been much in the way of industry and academic inquiries as to when the next would be held. The publications from these symposia are among our most popular and most referenced works. A core workshop would also be held in conjunction with the symposium. Dates of the Oil and Gas in Saskatchewan and Surrounds Symposium are October 16<sup>th</sup>, 17<sup>th</sup>, and 18<sup>th</sup>, 2006.

Also, this is a reminder to please renew your memberships. A membership form is attached at the end of this Rock Record, or one can be downloaded off the website [www.sgshome.ca](http://www.sgshome.ca), and they will be available at the AGM.

### Funspiel

#### SGS Curling Funspiel

The Funspiel we had last year was a great success, so we have decided to do it again this year. It will be held at the Tartan Curling Club on Broadway Avenue on Saturday Feb. 4<sup>th</sup> at 7:00pm. You can sign up individually or as a team. There will prizes and munchies (pizza and other finger food) available throughout the evening, so when you're not curling you can socialize (bar will be open). The cost will be \$10 per person, which includes brooms, sliders and munchies. To sign up, please contact Kate MacLachlan ([kmaclachlan@ir.gov.sk.ca](mailto:kmaclachlan@ir.gov.sk.ca) or 787-9059) or Jennifer Smith ([jsmith@ir.gov.sk.ca](mailto:jsmith@ir.gov.sk.ca) or 787-9373). Hope to see you all there.

