

ATLANTIC GEOSCIENCE SOCIETY

NEWSLETTER

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Please forward newsletter items and/or comments to:

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AGS Colloquium and AGM - Final Call for Papers and Registration

(attachment)

Deadline for next issue:

March 5, 1999

PRESIDENT'S FORUM

This newsletter brings you lots of information about the upcoming annual general meeting in Amherst in February. The details are elsewhere in this newsletter, but I would like to use this column to highlight some of the activity that your executive and council have been involved in through the fall.

It seems a long time ago since our AGS distinguished lecturer tour. Gerta Keller from Princeton University spoke in both Halifax and Fredericton on the topic of the K-T boundary, and whether we must blame wandering asteroids for all the fuss. Her talk was well received in both locations, to audiences that included both members of the Society and members of the public. Thanks are due to Marcos Zentilli and Peter Wallace who largely spearheaded the organisation of the lecture tour, and to APICS, with which we split the bill.

Have you visited our website recently? It's at <http://ags.earthsciences.dal.ca/ags.htm>. Don Fox has largely been responsible for its design and keeping it up to date, and has included some interesting sets of links to university and government departments, *Atlantic Geology*, employment opportunities, and, importantly for the upcoming meeting, the most up-to-date information (short of phoning Peter Wallace) on the AGM. Last year I used the webpage extensively to post information about the Wolfville meeting, and from the comments I received then it was a useful tool. In that last week before you drive to Amherst you can check and see when your talk has been

scheduled. For the those less technologically challenged, note Peter Wallace is organising what promises to be a very interesting Friday afternoon session on geo-science software for the professional and the teacher.

While I am on the topic of computers, note also that we are allowing the use of computer projection facilities at the AGM - now you can animate your slides in PowerPoint, or pull in some motion clips! It was my privilege to attend the Atlantic Universities Geological Conference in October and present the AGS awards to nine speakers, and I noted that computer-assisted presentations are very much taken for granted by our students today. The opportunities that computer projection open up are well worth considering (not to say the possibility of making last minute corrections to embarrassing spelling errors - or even more last minute writing of the talk!)

The 100th anniversary of the death of Sir William Dawson occurs in 1999. Although Dawson worked in various areas across Canada and USA, he had a major influence on the early work on the Carboniferous basins in Atlantic Canada, and we will focus a special session at our AGM on the Geology of the Maritimes Basin in his memory. Ken Adams at the Fundy Geological Museum is eager to see other activities associated with this event, like last summer's field in the Parrsboro area, led by John Calder, with over 100 people participating.

Lastly, an advance notice of the GAC-MAC conference in 2001 in St. John's - being promoted as the first GAC-MAC of the new millennium (I suspect Calgary is saying the same thing for the 2000 conference!). We have been invited to suggest ideas for the technical program and/or to consider making a proposal to sponsor a session of interest. Although not specifically invited yet, I suspect we will also receive an invitation to suggest and lead field trips. This is a good opportunity to showcase and advance the work that is being done in the Atlantic region - give it some thought and bring your suggestions to Amherst.

I look forward to seeing many of you in Amherst - Peter Wallace and Laing Ferguson are working hard to ensure it will be educational, scientifically stimulating, and fun as always.

Rob Raeside, AGS President

NEWS FROM ADADIA UNIVERSITY

Dr. Cliff Stanley has joined the department as an assistant professor, taking over from Jack Colwell, who recently retired (and now is "on safari" in the Indian subcontinent). Cliff is an economic geologist/applied geo-chemist, and comes to us from UBC, where he has been for the last 7 years. Cliff was born in the USA, attended Dartmouth College as an under-graduate, and then worked for several years as a geochemist for Anaconda Minerals Company, an international mining giant, in Denver, Colorado. He then returned to undertake graduate work at UBC, doing a M. Sc. in economic geology and Ph.D. in mathematical geology. After a post-doctoral fellowship in metamorphic and igneous petrology at the University of Calgary, and a research associateship in applied geochemistry at Queen's, he returned to UBC to become adjunct professor in the Mineral Deposit Research Unit, undertaking research in support of the mining industry. There he led two research projects, one studying alkalic porphyry Cu-Au deposits in British Columbia, and a second developing new litho-geochemical exploration data analytical procedures. This latter project has taken him to study areas in such exotic locations as Bolivia, Greenland, Australia, New Zealand, Nova Scotia, and Indonesia. In his role at UBC, he supervised six M.Sc. and two Ph.D. students in their thesis research.

Cliff presently has two research projects underway. The first is studying the subtle hydrothermal alteration haloes surrounding the Faro sediment-hosted Pb-Zn deposits in the Anvil Range mining camp, Yukon. The second is examining the 100 m thick soil (regolith) developed over the Golden Grove volcanic-hosted massive sulphide deposits, Western Australia, to determine how to detect the presence of hydrothermal alteration minerals in the weathered profile. Both of these projects will significantly assist geologists in searching for additional mineral deposits within these and other mining camps. Cliff also has a number of research initiatives in the formative stages, including developing techniques to use infrared spectro-metry to determine mineral modes and compositions, examining weathering reactions in tailings impoundments, and hydrogeochemistry of ground-waters in the Annapolis Valley. He will be teaching mineralogy, mineral deposits, mineral exploration and in alternate years, geochemistry and geophysics. Cliff's interests and background will also allow him to supervise B.Sc. honours theses in both Geology and Environmental Science. We also look forward to the M.Sc. students that Cliff will bring to Acadia as part of his research activities.

We welcome Cliff, his wife Sonya, and their three children (Olivia, 6, Nathaniel, 5, and Georgia, 3) to the Wolfville area, and look forward to the substantial contributions that he will make to both the Geology Department and Acadia University.

Ian Spooner, Acadia University

GEOLOGICAL EVENTS

February 3, 1999

Talk by M. St-Onge entitled "Crustal and Thermal Architecture of the Quebec-Baffin Segment on the Trans-Hudson Orogen: Plate Convergence During the Paleoproterozoic and a Template for NE Laurentia"

1:30 p.m., Saint Mary's University, Department of Geology, Halifax, NS

February 5-6, 1999

AGS Colloquium, Amherst, NS

February 15, 1999

Geological Association of Canada E.R.W. Neale Lecture Tour: Talks by Alan Morgan, University of Waterloo.

12:30 p.m., "The Eruption of Heimaey, Iceland"

7:00 p.m., "Global Change: Some Comments on a Changing World"

Acadia University, Department of Geology, HSH 336, Wolfville, NS

February 16, 1999

Geological Association of Canada E.R.W. Neale Lecture Tour: Talks by Alan Morgan, University of Waterloo.

11:30 a.m., "Global Change: Some Comments on a Changing World", Dalhousie University, Room TBA, Coffee LSC 3006 at 11:00 a.m., Halifax, NS

1:00 p.m., "Global Change: Some Comments on a Changing World", Saint Mary's University, Department of Geology, Halifax, NS

May 26-28, 1999

Annual GAC-MAC Conference, Sudbury, ON

June 5-6, 1999 (tentative dates)

International Workshop for a Climatic, Biotic, and Tectonic Transect Across Triassic-Jurassic Pangea, Acadia University, Wolfville, NS

AGS Executive 1998-1999

Executive

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1999 AGS Colloquium

Laing Ferguson

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FINAL CALL FOR PAPERS AND REGISTRATION

ATLANTIC GEOSCIENCE SOCIETY

COLLOQUIUM AND ANNUAL GENERAL MEETING

FEBRUARY 5-6, 1999

WANDLYN INN, AMHERST NOVA SCOTIA

THEMES FOR PAPERS AND POSTERS

Current Research in the Atlantic Provinces

Geology of the Maritimes Basin

Offshore Petroleum Geology and Geological Resources

State the author(s) in order of decreasing contribution if more than one. Indicate with an asterisk (*) if speaker/ presenter is a student. Give a complete mailing addresses of all authors, and optional e-mail addresses. The text should be in Word 7 or WordPerfect 7 or lower, or ASCII text format, references or formulas are generally unacceptable (chemical symbols are allowed), and length should be between 250 - 300 words. Submit electronically by disk or e-mail (no faxes) to: Peter Wallace, Department of Earth Sciences, Dalhousie University, Halifax, Nova Scotia, B3H 3J5, or <Peter.Wallace@Dal.ca>. Deadline for submission: January 8, 1999.

Rupert MacNeill Award - given for the best oral presentation by a student.

Graham Williams Award - given for the best poster presentation by a student.

Noranda Award - given by Noranda Mining and Exploration Ltd. for the best paper by a student on Economic Geology (both oral and poster presentations are considered). This award involves summer employment with Noranda so you must indicate with your abstract submission whether or not you wish to be considered. A student submission with no indication will be considered a NO.

SPECIAL SESSION

Geoscience Software for the Professional, Teacher, and Student

Several companies have been invited to demonstrate their software in a special session Friday afternoon. They will have a special area in the poster section on Friday night and all day Saturday for additional demonstrations and to talk to registrants.

In addition, there will be time at the end of the special session for registrants to demonstrate or talk about their own software. If you wish to participate in this session please indicate on the registration form or contact Peter Wallace before January 8, 1999.

FIELD TRIP

Cancelled.

MOTEL ACCOMMODATION

Contact the motel directly at 902-667-3331. To get the special rate of \$56 + tax per night per room, specify that you are attending the AGS Colloquium.

SPECIAL EVENTS

Geomixer, Friday night free, cash bar - A geologist's kitchen party. Stand around talking about northward subduction culminating in a transpressional plate margin bordering on a micro continent outboard of the Iapetus Ocean or bring a guitar and/or other musical instrument and play into the wee hours of the morning where you'll be appreciated. There are a lot of musical talents in the AGS and I encourage you to participate in a musical get-together.

AGS Annual General Meeting and Luncheon \$7.50 tax included- At the AGM there will be reports from the various AGS subcommittees, election of officers for 1999, a financial report, and any other business related to the society. If you have any concerns, queries, or comments this is the forum to state them.

AGS Awards Banquet \$20.00 tax included - The speakersawards (Rupert MacNeill, Graham Williams, and Noranda), Distinguished Scientist- Gesner Award and Distinguished Service Awards are all presented at this final event of the Colloquium. Mike MacDonald, of the Nova Scotia Department of Mines will give an illustrated talk on his leave of absence sojourn in South East Asia.

TENTATIVE SCHEDULE

Friday, February 5, 1999

1 - 5 p.m. Special Session: Geoscience Software for the Professional, Teacher and Student

5 - 8 p.m. Registration

7 - 10 p.m. Colloquium/Posters

10 p.m. - 1 a.m. Geomixer, Posters

Saturday, February 6, 1999

8 a.m. - noon Colloquium/Themes/Posters

12 - 2 p.m. Lunch and AGS Annual General Meeting

2:30 - 5 p.m. Colloquium/Themes/Posters

7:30 p.m. Banquet and Geomixer, Presentations of Awards

REGISTRATION FORM

(please print clearly)

Name: _____

Address: _____

Affiliation: _____

Phone #: _____ E-mail: _____

Wish to get the AGS Newsletter by e-mail or not (circle one)?: yes no

Colloquium Registration: Professional \$30.00 Student \$12.00 _____

(registration includes membership to AGS)

Register for the Special Session (free but we need to know approximate numbers) _____

Wish to present at the Special Session (if yes contact P. Wallace) yes no

Atlantic Geology Subscription: (\$30 per year members, \$35 non-members) _____

Meals Saturday AGM luncheon \$7.50 _____

Saturday AGS banquet \$20.00 _____

Total _____

Copy and print the above registration form and then fill in the appropriate amounts. Send the form along with a cheque (made out to the Atlantic Geoscience Society) to:

The Atlantic Geoscience Society

c/o Earth Sciences Department

Dalhousie University

Halifax, Nova Scotia, B3H 3J5

(receipt can be picked up at the Colloquium)