

**2019 Annual General Meeting
International Association of Hydrogeologists – Canadian National Chapter
GAC-MAC-IAH 2019 Conference, Quebec City Convention Centre, Quebec City
May 14, 2019**

MEETING MINUTES

The 2019 Annual General Meeting (AGM) of the IAH-CNC membership was held on Tuesday, May 14, 2019. The meeting was chaired by IAH-CNC President Diana Allen.

1. CALL TO ORDER AND INTRODUCTIONS

Diana Allen called the meeting to order at 4:30 p.m. EDT after it was confirmed that a quorum was present. A list of attendees has been retained with the meeting's records.

Diana Allen introduced the Board member present.

2. APPROVAL OF THE AGENDA

MOTION FROM FLOOR: To approve and proceed with the published agenda. Moved by Eric Rosa; seconded by Richard Jackson.

Diana asked if anyone was opposed to the motion. No one opposed. Diana declared the motion: **CARRIED.**

3. APPROVAL OF MINUTES FROM THE PREVIOUS AGM

Diana Allen noted that the Minutes of the 2018 IAH-CNC AGM were sent to the membership via email as part of the 2019 AGM package.

Diana Allen asked if there were any errors or omissions in the 2018 AGM Minutes. None were raised. Diana Allen said she would entertain a motion from the floor that the Minutes of the 2018 Annual General Meeting of the IAH-CNC be adopted.

MOTION FROM FLOOR: The Minutes of the 2018 Annual General Meeting of the IAH-CNC, held on September 25, 2018 in Edmonton, be adopted. Moved by Steve Holysh; seconded by Nataliya Tkach.

Diana Allen asked if anyone was opposed to the motion. No one opposed. Diana declared the motion: **CARRIED.**

4. BUSINESS ARISING FROM THE MINUTES

Diana Allen noted that there was no business arising recorded in the 2018 AGM Minutes.

5. PRESIDENT'S REPORT

Diana Allen noted that the *President's Report* dated April 18, 2019 was sent to the membership via email as part of the 2019 AGM package. Diana presented highlights from the report including:

- Diana Allen thanked the Board members for their participation over the last 8 months, since the Board of Directors election at the 2018 AGM.
- Kim Gilder stepped down as treasurer of IAH-CNC, Kim was thanked for three years of service. Jim Roy has been acting as Treasurer since Kim stepped down, there will be an election later this meeting for the position.
- GeoEdmonton was a success, with approximately 450 delegates in attendance, with 74 IAH-CNC members. IAH-CNC will see a profit of over \$28,000. Thank you to Brian Smerdon for serving on the local organizing committee. GeoEdmonton was fortunate to have presentations by the 2018 Darcy Lecturer, Masaki Hayashi, and the 2018 Farvolden Award lecturer, Larry Bentley.
- This year's Farvolden Award winner is Jim Hendry. He is not in attendance at the 2019 - MAC-IAH Conference but will present his lecture at the IAH-CNC conference in 2020.
- The IAH-CNC 2020 conference will be held in partnership with GeoConvention in Calgary.
- Two awards will be handed out at the IAH-CNC Luncheon tomorrow; Magdalena Krol from York University will receive the 2019 Early Career Hydrogeologist Award and Bob Betcher will receive the Long Term Service Award. Dick Jackson is the guest speaker at the Luncheon.
- The Toth Award for the best student paper will not be presented at the IAH-CNC luncheon, since there will be two student presentations given after the luncheon. The award winner will be mailed the certificate and cheque and will be recognized (along with the runners up) in the IAH-CNC newsletter and website.

Diana Allen asked if there were any questions about the President's Report, no questions were asked from members. Diana Allen entertained a motion to have the President's Report for 2018 accepted as presented.

MOTION FROM FLOOR: The President's Report for 2019 be accepted as presented by the President. Moved by Gavin Kennedy; seconded by Richard Jackson.

Diana Allen asked if anyone was opposed to the motion. No one opposed. Diana declared the motion: **CARRIED.**

6. TREASURER'S REPORT

Diana Allen noted that the *IAH-CNC Annual Financial Summary* was sent to the membership via email as part of the 2019 AGM package.

Diana Allen asked the Acting Treasurer, Jim Roy, to present a summary.

Jim Roy, Acting Treasurer, spoke to several items on the financial summary (updated Draft dated April 15, 2019):

- Fiscal year end is April 30, 2019, so the final number will still be revised based on the current version.
- Revenue includes membership fees and conference revenue from GeoOttawa. Expenses include IAH-International fees, contribution to local events, professional fees including legal and accountant services, office and general includes website fees and support for management of membership portal, insurance and awards. No scholarship was given this year.

Diana Allen asked if there were any questions on the Treasurer's Report. Questions posed included:

- What is accounted for in the \$14,000 expense listed in office and general. Jim Roy identified that the expense includes website costs, the Gibson Group secure membership portal, GGMI service fee for assisting membership officer working with IAH-International;
- Suggestion was raised to add a separate line for website and upgrades. Jim Roy to discuss with PA and consider the suggestion;
- Is the balance invested? The balance is currently not invested; however this was considered in the past. Jim Roy to investigate simple investment options;
- Why was a scholarship not given this year? There were three applicants, the scholarship committee reviewed the applications and none of the applicants met the Terms of Reference for eligibility related to Canadian Hydrogeology.

Following the questions on the financial summary, Diana Allen reported that the financial statements from the public accountant (PA)'s review for the May 1, 2018 to April 30, 2019 fiscal year will be posted on the IAH-CNC website as soon as the Board has reviewed and approved the statements.

Diana Allen entertained a motion to accept the 2019 Treasurer's Report as presented.

MOTION FROM FLOOR: The 2019 Treasurer's Report be approved as presented. Moved by Steve Holysh; seconded by Michel Martel.

Diana Allen asked if anyone was opposed to the motion. No one opposed. Diana declared the motion: **CARRIED.**

Diana Allen thanked Jim Roy for the report.

Diana Allen entertained a motion to waive the appointment of a PA for the May 1, 2019 to April 30, 2020 fiscal year.

MOTION FROM FLOOR: The members resolve not to appoint a PA for the May 1, 2018 to April 30, 2019 fiscal year. Moved by Grant Ferguson; seconded by Steve Holysh.

Diana Allen asked if there were any questions regarding the motion. Some questions were raised regarding the PA review. A discussion followed, Jim Roy identified that the accounts are relatively simple and the PA review can be costly, in addition the Board can still move forward with a PA review if deemed necessary. Diana Allen asked if anyone was opposed to the motion, no member was opposed, and one member abstained. Diana Allen declared the motion: **CARRIED.**

7. MEMBERSHIP REPORT

Kristina Anderson presented highlights from the *2018-2019 Membership Director's Report*:

- To date, our membership for 2019 is 359. Ontario accounts for about 50% of the membership, followed in numbers by Alberta and British Columbia. Full members and online members are the most popular membership options.
- Kristina Anderson highlighted student associate membership and encouraged members to promote students to join as it is a free membership.

Diana Allen asked if there were any questions. No questions were asked.

8. COMMUNICATIONS REPORT

Barret Kurylyk presented highlights from the *2018-2019 Communications Director's Report*:

- The IAH-CNC website is being updated, it will have a new modern/clean look and be more accessible. New content will become available as website updates continue.
- A photo contest was recently held with several submissions from students and professionals. Winning photos will be included on the new IAH-CNC website.
- The IAH-CNC Bulletin is in preparation, members are encouraged to email Barret Kurylyk if they have content for the bulletin.
- Reminder of the IAH-CNC twitter account: @IAH-CNC

Diana Allen asked if there were any questions from members. No questions were asked.

9. ENGAGEMENT WITH MEMBERS

Regional Activities

Diana Allen noted that the regional representative's reports had been received and will be appended to the final minutes.

Regional representatives present were asked to present some highlights from their reports of local activities.

Nataliya Tkach (Ontario) highlighted a two-day groundwater workshop in Guelph, a one-day groundwater workshop in Ottawa, seminars held at Toronto Region Conservation Authority and participation with joint webinar sessions with Quebec. Eric Rosa highlighted Laval students' events and various online presentations. Eric Rosa is also looking into logistics to moderate an IAH-CNC nation-wide webinar series, members with suggestions on topics are asked to contact Eric Rosa. Gavin Kennedy outlined quarterly talks with Dalhousie University. Diana Allen highlighted the Darcy Lecture which was presented at an IAH-CNC sponsored event at the University of Calgary.

Diana noted that if anyone has ideas for activities in their regions, to please pass ideas on to their regional representative, or directly to Diana.

ECHN Update

Early Career Hydrogeologist Network – the ECHN representative was not able to attend the meeting.

Diana Allen noted that the IAH-CNC is looking into working more closely with the ECHN to help establish internal structure, improve links to young professionals and improve membership.

Diana Allen asked if there were any questions. No questions were asked.

10. ELECTION OF DIRECTOR (FOR TREASURER)

Diana Allen entertained a motion from the floor to elect a new IAH-CNC Board Member, to act as the IAH-CNC Treasurer since the former IAH-CNC Treasurer stepped down from the position.

MOTION FROM FLOOR: To elect the Jim Roy as a Board Member of IAH-CNC for a two-year term (2019 to 2021). Moved by Grant Ferguson; seconded by Edwin Cey.

Diana Allen declared the motion: **CARRIED.**

11. OTHER BUSINESS

Diana Allen asked if there were any items of Other Business to be raised before the assembly.

- a) John Molson identified that himself and Rene Lefebvre are North America representatives and co-chairs of the IAH Regional Groundwater Flow Sub-commission for the next 5 years. If members are currently engaged in research related to regional flow, they can contact John or Rene to discuss future initiatives.
- b) Inquiries about GeoConvention organization. Diana Allen identified that GeoConvention is organized by GAC, MAC, CSPG and others. It is a large conference with over 5,000 attendees. IAH-CNC has already signed the MOU for the joint conference. IAH-CNC will have control over its own sessions. Cathryn Ryan (University of Calgary) is on the local organizing committee. IAH-CNC will have two Farvolden Award winners' presentations.
- c) Diana Allen discussed the potential for a congress with IAH-USA in Montreal in 2023 or 2024. This would be a big commitment. If any members would like to take the lead or participate with organization, then please contact Diana Allen.

12. NEXT ANNUAL GENERAL MEETING

Diana Allen informed the assembly that the IAH-CNC's next AGM will be convened in May of 2020 at the GeoConvention conference, May 11 to 13, in Calgary.

13. ADJOURNMENT

MOTION FROM FLOOR: To adjourn the meeting. Moved by Barret Kurylyk; seconded by Kristina Anderson.

Diana Allen declared the motion: **CARRIED.**

The meeting was adjourned at 5: 25 p.m. EDT

Minutes recorded by: Tessa Di Iorio, IAH-CNC Secretary

Draft Minutes approved by IAH-CNC Board: September 12, 2019, IAH-CNC Board Meeting

Minutes approved by IAH-CNC Membership: September 22, 2020, IAH-CNC 2020 AGM (via Zoom Video Conference)

Appended Documents
IAH-CNC AGM September 25, 2018 Minutes – Final approved
IAH-CNC President`s Report dated April 18, 2019
Draft IAH-CNC Annual Financial Summary (2018-2019)
2018-2019 IAH-CNC Membership Director Report
2018-2019 IAH-CNC Communication Director Report
2018-2019 IAH-CNC Atlantic Region Director`s Report
2018-2019 IAH-CNC Québec Director`s Report
2018 -2019 IAH-CNC Ontario Directors` Report
2018-2019 IAH-CNC Manitoba Director`s Report
2018-2019 IAH-CNC Saskatchewan Director`s Report
2018-2019 IAH-CNC Alberta Director`s Report
2018-2019 IAH-CNC British Columbia Director`s Report
2018-2019 IAH-CNC ECHN Report

**2018 Annual General Meeting
International Association of Hydrogeologists – Canadian National Chapter
GeoEdmonton 2018 Conference, Shaw Conference Centre, Edmonton, AB
September 25, 2018**

MEETING MINUTES

The 2018 Annual General Meeting (AGM) of the IAH-CNC membership was held on Tuesday, September 25, 2018. The meeting was chaired by IAH-CNC President Diana Allen.

1. CALL TO ORDER AND INTRODUCTIONS

Diana Allen called the meeting to order at 5:30 p.m. MDT after it was confirmed that a quorum was present. A list of attendees has been retained with the meeting's records.

2. APPROVAL OF THE AGENDA

MOTION FROM FLOOR: To approve and proceed with the published Agenda. Moved by Grant Ferguson; seconded by Hartmut Holländer.

Diana asked if anyone was opposed to the motion. No one opposed. Diana declared the motion: **Carried.**

3. APPROVAL OF MINUTES FROM THE PREVIOUS AGM

Diana Allen noted that the Minutes of the 2017 IAH-CNC AGM were sent to the membership via email as part of the 2018 AGM package.

Diana Allen asked if there were any errors or omissions in the 2017 AGM Minutes. None were raised. Diana Allen said she would entertain a motion from the floor that the Minutes of the 2017 Annual General Meeting of the IAH-CNC be adopted.

MOTION FROM FLOOR: The Minutes of the 2017 Annual General Meeting of the IAH-CNC, held on October 2, 2017 in Ottawa, be adopted. Moved by Christina Trotter; seconded by Gavin Kennedy.

Diana Allen asked if anyone was opposed to the motion. No one opposed. Diana declared the motion: **Carried.**

4. BUSINESS ARISING FROM THE MINUTES

Diana Allen noted that the financial reporting for the May 1, 2017 to April 30, 2018 fiscal year is discussed in this meeting's agenda item 6. Treasurer's Report.

5. PRESIDENT'S REPORT

Diana Allen noted that the *President's Report* dated September 6, 2018 was sent to the membership via email as part of the 2018 AGM package. Diana presented highlights from the report including:

- This is election year for the IAH-CNC Board of Directors. Diana Allen thanked all of the Board members for their dedication and effort over the past three years, and thanked Bob Betcher for his assistance.
- IAH-CNC Conferences and Events: GeoOttawa2017, held in Ottawa in October 2017 in partnership with the Canadian Geotechnical Society (CGS), was a great success; the IAH participated in an international conference "Resources for Future Generations" that was held in Vancouver June 16-21, 2018; and, the IAH-CNC has partnered with the CGS to host this GeoEdmonton 2018 conference. Diana thanked Brian Smerdon for his representation of the IAH-CNC on the GeoEdmonton 2018 Local Organising Committee.
- IAH-CNC's next big conference is the Geological Association of Canada – Mineralogical Association of Canada – International Association of Hydrogeologists (GAC-MAC-IAH) conference in Quebec City, May 12 to 15, 2019. A variety of groundwater-related sessions have been organized, and the call for abstracts is forthcoming. This is the first time that IAH-CNC has partnered with GAC-MAC on a national conference.
- IAH-CNC regional representatives organized a variety of local events over the past year. Diana thanked the regional representatives for all their work.
- 2017 was another successful year for awarding IAH-CNC's Scholarship for Graduate Studies in Hydrogeology; the 2017 recipient was Jacek Scibek, a PhD candidate at McGill University. Diana referred the other IAH-CNC awards (ref: <http://www.iah.ca>).
- Diana Allen noted that the following IAH-CNC Board members are not standing for re-election: Heather Wilson, Secretary, and Ontario representative; Stephen Di Biase, Communications Director; Marie Larocque, Québec representative; and, Mark King, Atlantic Region representative. Diana thanked them for their service.

Diana Allen asked if there were any questions on the President's Report. A question was asked about the IAH-CNC's involvement in the "Resources for Future Generations" conference. Diana Allen reported that the IAH was a sponsor of the conference and the IAH-CNC organized two sessions with a groundwater focus.

Diana Allen entertained a motion to have the President's Report for 2018 accepted as presented.

MOTION FROM FLOOR: The President's Report for 2018 be accepted as presented by the President. Moved by Larry Bentley; seconded by Brian Smerdon.

Diana Allen asked if anyone was opposed to the motion. No one opposed. Diana declared the motion: **Carried.**

6. TREASURER'S REPORT

Diana Allen noted that the *IAH-CNC Annual Financial Summary* was sent to the membership via email as part of the 2018 AGM package (as *2017-2018 Master Balance Sheet pdf*). Diana reported that following the IAH-CNC Board's review of the financial summary at the October 23, 2018 Board meeting, some changes and corrections were made to the document. The revised financial summary was presented to the meeting and is appended to these minutes.

Diana Allen asked the Treasurer, Kim Gilder, to present the summary.

Kim Gilder, Treasurer, attended the meeting by teleconference, and spoke to several items on the revised financial summary; including a comparison of the 2017/2018 and 2016/2017 entry amounts:

- In the financial summary circulated with the AGM package, invoices from the current year were included in the previous year expenses by error, and this has been corrected in the financial summary being presented;
- The increase in membership income in 2017/2018, compared to the 2016/2017 income, was due to rate increases put in place last year; and
- IAH-CNC website costs have increased; however, the changes allowed for a new membership registration process which has reduced the cost of membership registration by several thousands of dollars.

Diana Allen referred to the funding of the Scholarship for Graduate Studies in Hydrogeology and the \$5,000 replenishment of the scholarship fund, from general operating funds, each year the scholarship is awarded. This maintains the Scholarship fund at \$50,000.

Diana Allen asked if there were any questions on the Treasurer's Report. Questions posed included:

- How the balance was arrived at for the years on the summary? Diana Allen referred to the expenditures listed in the summary;
- Where does the money come from to pay for the various expenditures? Kim Gilder reported that the IAH-CNC bank balance at the beginning of the 2017/2018 fiscal year was \$128K and that the bank account balance is currently \$112K;
- The IAH contribution has increased notably; what would be the reason for the increase? Diana Allen noted that the IAH fees have been increasing steadily over the past few years. The IAH-CNC membership fees were increased last year to regain some ground between the IAH charges and what the IAH-CNC collects from membership to cover those IAH fees. The IAH-CNC membership rates will not be increased in 2018.

- Are the IAH fees paid by the IAH-CNC on a per person basis? Diana Allen stated yes, the fees are on a per member basis. Kim Gilder spoke to the savings of the new membership registration system, where the costs of the new membership registration process averages out to a 2.5% cost per transaction (totalling \$700 for this year) and the previous process (RegOnLine) cost 5% per transaction with a total cost of several thousands (e.g., \$3,600).

Following the questions on the financial summary, Diana Allen reported that the financial statements from the public accountant (PA)'s review for the May 1, 2017 to April 30, 2018 fiscal year will be posted on the IAH-CNC website as soon as the Board has reviewed and approved the statements. Membership will be notified of the posting of the statements.

Diana Allen entertained a motion to accept the 2018 Treasurer's Report as presented.

MOTION FROM FLOOR: The 2018 Treasurer's Report as presented be accepted. Moved by Frank Magdich; seconded by David Toop.

Diana Allen asked if anyone was opposed to the motion. No one opposed. Diana declared the motion: **Carried.**

Diana Allen thanked Kim Gilder for the report.

Diana Allen entertained a motion to waive the appointment of a PA for the May 1, 2018 to April 30, 2019 fiscal year.

MOTION FROM FLOOR: The members resolve not to appoint a PA for the May 1, 2018 to April 30, 2019 fiscal year. Moved by Grant Ferguson; seconded by Laurie Welch.

Diana Allen asked if there were any questions regarding the motion. A number of questions were raised regarding a PA review engagement. A discussion followed, after which Diana Allen asked if anyone was opposed to the motion. Some members were opposed and therefore Diana Allen declared the motion: **Failed.**

MOTION FROM FLOOR: The members resolve to appoint Hogg Shain & Scheck Chartered Professional Accountants to prepare financial statements on a review basis for the May 1, 2018 to April 30, 2019 fiscal year. Moved by Gavin Kennedy; seconded by Hartmut Holländer.

Diana Allen asked if anyone was opposed to the motion. No one opposed. Diana declared the motion: **Carried**

Diana Allen noted that due to the timing of the next AGM, i.e., May 12 to 15, 2019, it will not be possible to present the PA's financial statements for the 2018-2019 fiscal year at that AGM.

7. MEMBERSHIP REPORT

Diana Allen presented highlights from the *2017-2018 Membership Director's Report*, on behalf of Membership Director Kristina Anderson, who was unable to attend the meeting:

- To date, our membership for 2018 is 330; this represents a slight decline from 2017 membership of 349; IAH-CNC membership numbers remained relatively flat despite the membership fee increase.
- The new registration system has resulted in a number of improvements including improved membership records, more support for Membership Director's tasks, and more transparency in the transactions.

Diana Allen asked if there were any questions. No questions were asked.

8. COMMUNICATIONS REPORT

Diana Allen presented highlights from the *2017-2018 Communications Director's Report*, on behalf of Communications Director Stephen Di Biase, who was unable to attend the meeting:

- The key means of communication with members continues to be the newsletter (IAH-CNC Bulletin), the IAH-CNC website and e-mail notices.
- In 2018, the most popular articles on the IAH-CNC website included:
 - Membership - approximately 3,500 hits
 - GeoEdmonton 2018 - approximately 2,750 hits
 - IAH International – approximately 1,570 hits
 - Newsletters - approximately 2,250 hits

Diana Allen noted that the Board has decided to update IAH-CNC website and asked if anyone has thoughts on the website to please contact Diana.

A question was raised about the website update subcommittee membership. Diana Allen reported that currently the Communication and Membership Directors, the President and a representative from the Early Career Hydrogeologist Network (ECHN) were on the committee.

Diana Allen asked if there were any further questions. No further questions were asked.

9. ENGAGEMENT WITH MEMBERS

Regional Activities

Diana Allen noted that some of the regional representative's reports had been received and others were pending. [Post meeting note: all of the regional reports have been received and all the report are appended to these minutes.]

Diana referred to some of the local events that were held over the last year including an all day event in British Columbia, the hydrogeology webinars sponsored by the Réseau Québécois sur les eaux souterraines (RQES) and shared with the Ontario region membership via notices forwarded by the Ontario region representative, and the 2018 Regional-Scale Groundwater Geoscience in Southern Ontario 2-day event: an Ontario Geological Survey, Geological Survey of Canada, and Conservation Ontario Open House in Guelph, Ontario which was supported through the IAH-CNC's Ontario Region budget.

Diana asked that if anyone has ideas for activities in their local areas to please pass these ideas on to their regional representative, or directly to Diana.

ECHN Update

Early Career Hydrogeologist Network – the ECHN representative was not able to attend the meeting.

Diana Allen noted that the ECHN is still recruiting members and looking for ways to link with the CGS Young Professionals. The IAH-CNC continues to support the ECHN.

Diana Allen asked if there were any questions. No questions were asked.

10. ELECTION OF DIRECTORS

Diana Allen introduced the IAH-CNC members who have agreed to stand for election to the IAH-CNC Board of Directors for the 2018-2021 three-year term. This slate of nominees are as follows:

Diana Allen Pitt Meadows, British Columbia	
Kristina Anderson Waterdon, Ontario	
Kim Gilder East Garafraxa, Ontario	
Barret Kurylyk Halifax, Nova Scotia	
Brian Smerdon Edmonton, Alberta	
Gavin Kennedy Halifax, Nova Scotia	Regional Director, Atlantic
Éric Rosa Abitibi-Témiscamingue, QC	Regional Director, Québec

Tessa Di Iorio Ottawa, Ontario	Regional Director(2), Ontario
Nataliya Tkach Richmond Hill, Ontario	Regional Director(1), Ontario
Jeff Bell Winnipeg, Manitoba	Regional Director, Manitoba
Nolan Shaheen Moose Jaw, Saskatchewan	Regional Director, Saskatchewan
Frank Magdich Calgary, Alberta	Regional Director, Alberta
Laurie Welch Kelowna, British Columbia	Regional Director, British Columbia

Diana Allen asked if there were any nominations from the floor. No nominations were received from the floor.

Diana Allen said she would entertain a motion from the floor to elect the named nominees as Directors of the IAH-CNC.

MOTION FROM FLOOR: To elect the following nominees as Directors of IAH-CNC to hold office for the 2018 to 2021 term. Moved by Larry Bentley; seconded by Sylvain Gagné.

- Diana Allen
- Kristina Anderson
- Kim Gilder
- Barret Kurylyk
- Brian Smerdon
- Gavin Kennedy
- Éric Rosa –Québec Regional Director
- Tessa Di Iorio – Ontario Regional Director
- Nataliya Tkach – Ontario Regional Director
- Jeff Bell – Manitoba Regional Director
- Nolan Shaheen – Saskatchewan Regional Director
- Frank Magdich – Alberta Regional Director
- Laurie Welch - British Columbia Regional Director

Diana Allen declared the motion: **Carried.**

11. OTHER BUSINESS

Diana Allen asked if there were any items of Other Business to be raised before the assembly.

A question was asked regarding IAH-CNC international activities. Diana Allen noted the following items: Joanne Thompson, IAH-CNC member, is Vice-President North America for the IAH and serves on the IAH Council; Grant Ferguson, IAH-CNC Past President, is Chair of the IAH Groundwater and Energy Commission and works with colleagues at the international level through that Commission; IAH-CNC members attended the 45th IAH Congress in Daejeon, Korea – Groundwater and Life: Science and Technology into Action – September 9 to 14, 2018; and the IAH-CNC President keeps in contact with the IAH U.S. National Chapter.

12. NEXT ANNUAL GENERAL MEETING

Diana Allen informed the assembly that the IAH-CNC's next AGM will be convened in May of 2019 at the GAC-MAC-IAH conference, May 12 to 15, in Québec City.

13. ADJOURNMENT

MOTION FROM FLOOR: To adjourn the meeting. Moved by Laurra Olmsted; seconded by Brian Smerdon.

Diana Allen declared the motion: **Carried.** The meeting was adjourned at 6: 30 p.m. MDT

Minutes recorded by: Heather Wilson, IAH-CNC Secretary

Draft Minutes approved by Board: November 8, 2018, IAH-CNC Board Meeting

Minutes approved: May 14, 2019, IAH-CNC 2019 Annual General Meeting

Appended Documents
IAH-CNC AGM October 2, 2017 Minutes - approved draft for 2018 AGM
IAH-CNC President's Report dated September 6, 2018
Draft IAH-CNC Annual Financial Summary (2017-2018) v1 and v2
2017-2018 IAH-CNC Membership Director Report
2017-2018 IAH-CNC Communication Director Report
2017-2018 IAH-CNC Atlantic Region Director's Report
2017-2018 IAH-CNC Québec Director's Report
2017 -2018 IAH-CNC Ontario Directors' Report
2017-2018 IAH-CNC Manitoba Director's Report

Appended Documents
2017-2018 IAH-CNC Saskatchewan Director's Report
2017-2018 IAH-CNC Alberta Director's Report
2017-2018 IAH-CNC British Columbia Director's Report

IAH-CNC President's Report

April 18, 2019

It has only been seven and a half months since I sat down to write the last President's Report. This is because these reports are timed to coincide with the Annual General Meeting of Members of the IAH-CNC, and our last AGM was in September of 2018. Nevertheless, the IAH-CNC Board of Directors has been busy over the past several months with various activities. Some highlights include:

Treasurer: In December 2018, Kim Gilder resigned from the Board, so we had to find a new Treasurer (and update our banking information – it's amazing how long it can take to simply change the signing authority - weeks!). The Board appointed Jim Roy, from Environment and Climate Change Canada, as Treasurer. On behalf of the Board, I would like to thank Kim for serving on the Board and as the IAH-CNC Treasurer over the past three years. I would also like to thank Jim for agreeing to take on this role. Treasurer is one position the Board can appoint someone to without holding an election. I am happy to report, however, that Jim has agreed to stand for election in May 2019 to serve on the Board of Directors. So, we will hold an election at the upcoming AGM in Quebec City.

IAH-CNC Conferences and Events: GeoEdmonton2018, held in Edmonton in September 2018 in partnership with the Canadian Geotechnical Society (CGS), was a great success; socially, professionally and financially. The attendance was approximately 450, of which 74 were IAH-CNC members. While the finances haven't been entirely settled, it looks like IAH-CNC will see a profit of over \$28,000, which is excellent! Thank you Brian Smerdon for serving on the Local Organizing Committee. We were also very fortunate to have the 2018 Henry Darcy Lecturer, Masaki Hayashi, give his lecture. The 2018 Robert N. Farvolden Award lecture was given by Larry Bentley. So, two Professors from the University of Calgary were honoured at this conference. Congratulations to you both.

The IAH-CNC has partnered with the Geological Association of Canada – Mineralogical Association of Canada (GAC-MAC) to host GAC-MAC-IAH 2019, which will be held in beautiful Quebec City next month. Our annual general meeting will be held in conjunction with this conference. Richard (Dick) Jackson will be giving a keynote address during the IAH luncheon at the conference (Wednesday May 15th). Unfortunately, the recipient of the 2019 Robert N. Farvolden Award is unable to attend so, we have arranged for him to receive his award and deliver his keynote lecture at next year's annual IAH-CNC conference, which will be GeoConvention 2020 in Calgary. I am happy to report that Dr. Cathy Ryan from the University of Calgary has agreed to serve on the local organizing committee for GeoConvention 2020. Finally, The IAH-CNC will be partnering with CGS in 2021 to host a conference in Niagara Falls. We will be needing a volunteer to serve on the local organizing committee.

In addition to these major events, the Regional Representatives have organized a variety of local events, which are described in the various Regional Director's Reports. A huge thank you to these Regional Reps.

Membership: As of April 18, 2019, we had just over 334 members, which is roughly the same as I reported in September of 2018 for 2018 memberships.

Website Development: Barret and I have been working with Gibson Group Management Inc. (GGMI) to re-design our website. Related to this, we held a photo competition to entice members to send hydrogeology-related photos in three categories: field, lab and modeling. The winners in each category

received a free membership and the winning photos and runners up will be used on our new webpage. Barret will let members know when our new webpage has been made public.

Awards and Scholarships: The 2019 Robert N. Farvolden recipient is Jim Hendry from the University of Saskatchewan. This award is made jointly by the IAH-CNC and the CGS and honours outstanding contributions to the disciplines of Earth science and engineering that emphasize the role or importance of groundwater. The 2019 Early Career Hydrogeologist Award recipient is Magdalena Krol from York University. The ECH Award recognizes a young professional for his/her contributions to hydrogeology. Finally, this year, Bob Betcher is a recipient of the Long Term Service Award. Bob served as IAH-CNC President from 2006-2009, during which time, he led the tremendous effort to incorporate the IAH-CNC as a not-for-profit corporation in Canada. Bob also played a key role in updating our current by-laws that had to be amended in 2015 under the new act. Bob currently serves as the Executive Assistant for IAH-CNC.

The Tóth Award for the Best Student Paper in Canadian Hydrogeology was awarded to Kelly Hokanson, a Ph.D. student in the Department of Earth and Atmospheric Sciences at the University of Alberta. Her GeoEdmonton2018 paper was titled "Shallow groundwater systems in sub-humid, low-relief Boreal Plain landscapes: Interactions between glacial landforms, climate, and topography". Dylan Stafford and Kayla Moore, both from the University of Manitoba, were runners up. The Scholarship for Graduate Studies in Hydrogeology was not awarded in 2018.

The Early Career Hydrogeologists Network: The Canadian Chapter of the Early Career Hydrogeologists' Network has over 40 members and its own website <https://iah-echn-canada.weebly.com/>. For prospective graduate students, the ECHN website provides a database of hydrogeology professors in Canada. If you are attending the GAC-MAC-IAH 2019 conference, and you are an early career hydrogeologist, please stop by the ECHN social event, which will be held in the early evening on the Tuesday of the conference (May 14th).

International News: The IAH held its 45th International Congress in Daejeon, Korea in September 2018. This 46th Congress will be held in Malaga, Spain, September 22-27, 2019. The call for abstracts is now over, but if you want to attend as a delegate, Early Bird registration ends June 30.

Diana Allen, President, IAH-CNC

International Association of Hydrogeologists
Canadian National Chapter
Association Internationale des Hydrogéologues
Section canadienne



DRAFT April 15, 2019

IAH-CNC ANNUAL FINANCIAL SUMMARY
2018-2019 Fiscal Year

		Fiscal Year:	2018-2019	2017-2018	2016-2017	2015-2016
		Start of Fiscal Year:	1-May-18	1-May-17	1-May-16	1-Jan-15
		End of Fiscal Year:	30-Apr-19	30-Apr-18	30-Apr-17	30-Apr-16
REVENUE	Membership		\$ 38,618.42	\$ 42,367.00	\$ 30,099.00	\$ 35,335.00
	Conferences Income		\$ 19,895.10	\$ 21,245.00	\$ 340.00	\$ 37,024.52
	Advertising		\$ -	\$ 600.00	\$ 700.00	\$ 1,200.00
	Other Income		\$ -	\$ -	\$ -	\$ -
			\$ 58,513.52	\$ 64,212.00	\$ 31,139.00	\$ 73,559.52
EXPENSE	IAH International Fees		\$ 36,142.09	\$ 33,113.00	\$ 33,975.00	\$ 29,859.70
	Local Events		\$ 3,825.23	\$ 11,018.00	\$ 1,560.00	\$ 109.00
	IAH-CNC Graduate Scholarship		\$ -	\$ 5,000.00	\$ 5,000.00	\$ -
	Professional Fees		\$ 6,134.55	\$ 4,790.00	\$ 4,279.00	\$ 4,849.97
	Office and general		\$ 18,724.09	\$ 6,023.00	\$ 4,337.00	\$ 1,077.71
	Membership Fees		\$ 800.00	\$ 2,081.00	\$ 1,600.00	\$ 4,844.00
	Conference			\$ 3,288.00	\$ 1,556.00	\$ 7,798.00
	Awards/Donations		\$ 2,000.00	\$ 2,500.00	\$ 1,500.00	\$ 2,500.00
	Insurance		\$ 1,640.00	\$ 1,640.00	\$ 1,227.00	\$ 1,810.00
			\$ 69,265.96	\$ 69,453.00	\$ 55,034.00	\$ 52,848.38
NET INCOME			(\$10,752.44)	(\$5,241.00)	(\$23,895.00)	\$20,711.14
			April 15	Actually May 1		
	ACCOUNT BALANCE (AS OF APRIL 30th) (END OF FINANCIAL YEAR)		\$131,938.57	\$ 142,691.01	\$ 135,421.56	\$ 127,734.00
	SCHOLARSHIP FUND		\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
						created

Further breakdown of 2018-19 Finances:

REVENUE	Membership	\$ 38,618.42
	Conferences Income	\$ 19,895.10
	Advertising	\$ -
	Interest Income	\$ -
	Bank Refund	\$ -
	Other Income	\$ -
		\$ 58,513.52
EXPENSE	IAH International	\$ 36,142.09
	Membership Fees	
	CFES Membership	\$ 800.00
	CGS Membership	\$ -
	Conference Expenses	
	Field Trips	\$ -
	Directors Attending Other Meetings	\$ -
	Local Events	
	Local Events - Maritimes	\$ -
	Local Events - Quebec	\$ 500.00
	Local Events - Ontario	\$ 365.26
	Local Events - Saskatchewan	\$ 402.36
	Local Events - Alberta	\$ 1,632.84
	Local Events - BC	\$ 924.77
	ECHN Events	\$ -
	Awards/Donations	\$ 2,000.00
	IAH-CNC Graduate Scholarship	\$ -
	CanGeo Reference	\$ -
	Professional Fees	
	Accounting	\$ 5,650.00
	Lawyer Fees	\$ 484.55
	Office and general	
	IAH Newsletter & Publications	\$ -
	Website	\$ 9,982.25
	IAH Newsletter	\$ -
	Incorporation Fees	\$ 25.00
	Bank Service Charges	\$ -
	IAH Admin	\$ 623.22
	admin- Registration / membership	\$ 6,541.44
	Miscellaneous Expenses	\$ 1,552.18
	Insurance	\$ 1,640.00
		\$ 69,265.96

**International Association of Hydrogeologists - Canadian National Chapter (IAH-CNC)
April 2019 - Membership Director Board Report**

This year (as of April 4th, 2019) we have 301 corporate and individual members, while some 92 members have not yet renewed membership.

	Full Member	Full Member (2 nd Society)	On-line Member	Retired Member	Honourary Member	Full Student Member	On-line Student Member	Associate Student Member	HJ Editor	Corporate Sponsor	Corporate Member	Corporate Staff Member	TOTAL
BC	14	0	27	1	0	0	1	2	0	0	0	0	45
AB	26	1	25	2	1	2	1	4	0	0	1	6	69
SK	5	0	4	2	0	0	0	0	0	0	0	0	11
MB	1	1	1	0	0	1	3	0	0	0	0	0	7
ON	41	11	37	6	0	1	2	7	0	4	3	8	120
QC	7	3	9	1	0	1	4	2	1	0	0	0	28
Atlantic	6	0	2	1	0	1	0	2	1	0	0	1	14
Canadian NC Sponsor	7	0	0	0	0	0	0	0	0	0	0	0	7
TOTAL	107	16	105	13	1	6	11	17	2	4	4	15	301

Table 1: Total Number of Members by Membership Types

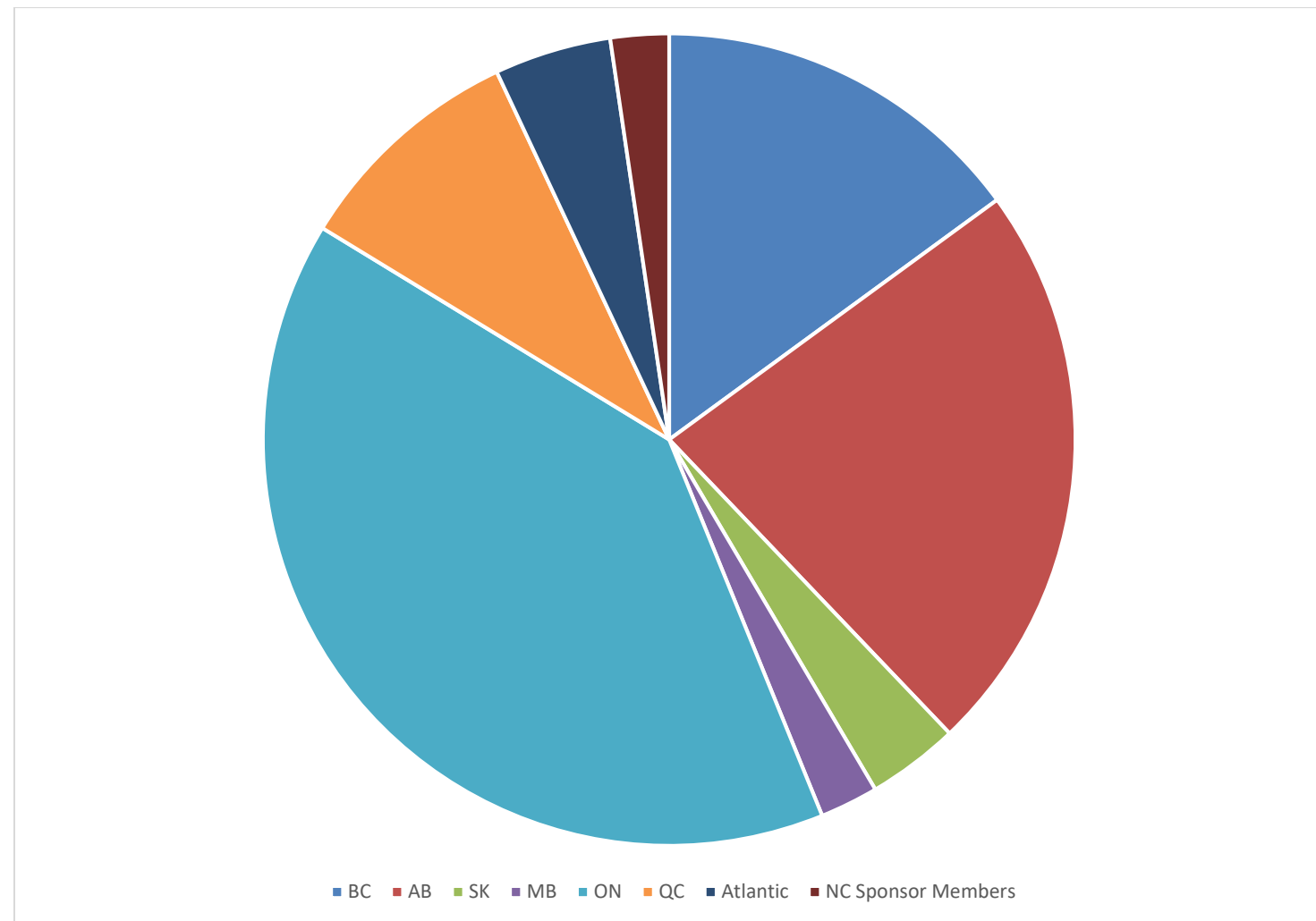


Figure 1: Membership Breakdown by Type

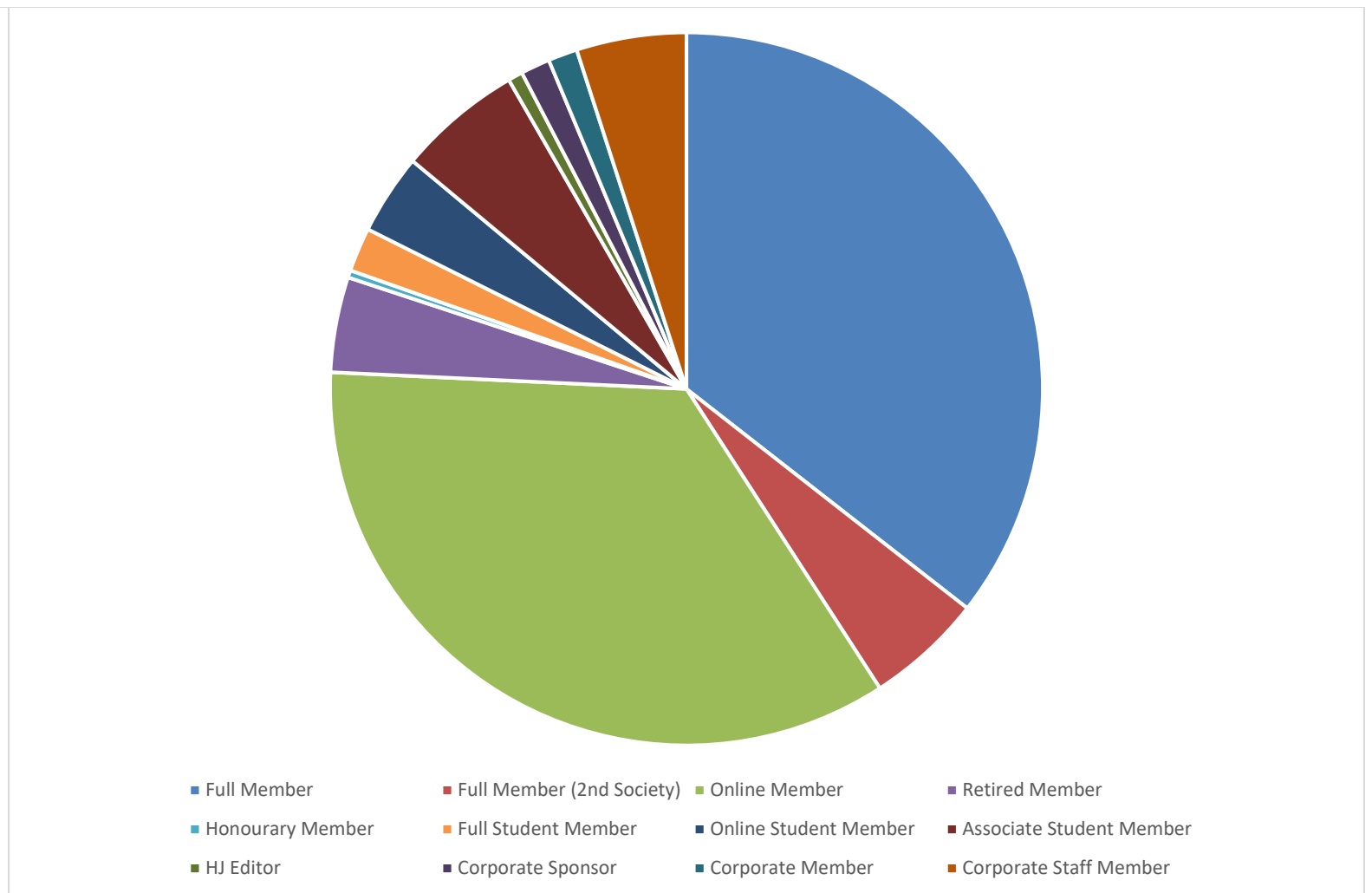


Figure 2: Membership Breakdown by Type

2018-2019 Annual Report by the Communications Officer

Barret Kurylyk

I assumed the role of Communications Officer at the IAH-CNC AGM in September 2018. I wish to join others in thanking Stephen Di Biase for serving in this role for several years. The months since GeoEdmonton have flown by quickly, but recent communications activities include:

- Updating email list and maintaining email communication with our membership regarding upcoming dates and events;
- Initiating discussions with Gibson Group over the design of a new IAH-CNC website and, with the assistance of Diana Allen, helping frame the structure, content, and appearance of the new website (still under development);
- Administering an IAH-CNC photograph/image competition to provide attractive visual content for our website – thanks to Laurie Welch and Diana Allen for helping judge the submissions;
- Reinvigorating the IAH-CNC Twitter account to increase our social media presence. Although our list of followers is small (76), I believe we are almost double what we were last year. Feel free to follow us (@iahcnc) or send me content to Tweet out (barret.kurylyk@dal.ca);
- Preparing and organizing content for the December 2018 IAH-CNC newsletter and disseminating it to the membership; and
- Serving on IAH-CNC committees as needed, particularly those with a communications aspect (e.g. Scholarship Committee and Awards Committee).

If you have new ideas for how we can do a better of communicating with our membership or outreaching to potential new members, please contact me with your suggestions.

2018-2019 Annual Report by the Regional Director for Atlantic

Gavin Kennedy

I took over the role of the Atlantic Regional Director from Dr. Mark King following the September IAH-CNC AGM. Thanks again to Mark for his many years of service to the Association in this role. Over the past year, the small local Atlantic group has increased their engagement with IAH-CNC with the election of Dr. Barret Kurylyk of Dalhousie University as the IAH-CNC Communications Director and the appointment of his student Ray Craddock as an Atlantic representative of the Early Career Hydrogeologist's Network.

As Atlantic Director, I participated in various conference calls throughout the year, attended the IAH-CNC AGM during the GeoEdmonton conference, prepared semi-annual news updates from the region for publication in the IAH-CNC News Bulletin, and helped organize various groundwater related talks.

In October of 2018 we were fortunate to have Dalhousie University's Centre of Water Resources Studies host the National Groundwater Association's 2018 Henry Darcy lecture in groundwater science in association with IAH-CNC Atlantic. About 40 persons attended Dr. Masaki Hayashi's lecture on Alpine Hydrogeology. In February of 2019, IAH-CNC Atlantic and the Centre of Water Resources Studies hosted Dr. Mark King's interesting talk on lithium brine deposits, with examples from the Andes, Nevada and California. We look forward to more locally organized talks in 2019 and the upcoming sessions at GAC-MAC-IAH in Quebec City.

Atlantic IAH members or groundwater practitioners are encouraged to submit any ideas for future talks or events by contacting me.

Québec

Rapport d'activité – 2018-2019

La période 2018-2019 a été marquée par plusieurs événements au Québec. Entres autres, Ministère de l'Environnement et de la Lutte contre les changements climatiques (MELCC) du Québec a annoncé en 2018 le déploiement de six nouveaux projets dans le cadre du Programme d'Acquisition de Connaissances sur les Eaux souterraines du Québec¹. Plusieurs chercheurs ont d'ailleurs uni leurs efforts dans le cadre de la publication d'un numéro spécial de la Revue canadienne des ressources hydriques (Volume 43, 2018)², afin de diffuser les résultats de différents projets PACES antérieurs. De nombreuses activités de diffusion du savoir et de partage des connaissances ont aussi été menées. Le Réseau québécois sur les eaux souterraines (RQES) a notamment maintenu sa série de conférences sur l'eau souterraine, une initiative menée conjointement avec l'AIH-Québec. L'AIH-Québec a aussi supporté la réalisation de la 20^e Journée des sciences de la Terre et de l'environnement, événement organisé par les étudiants de l'université Laval et de l'INRS-ETE. Pour sa part, RQES a été très actif dans le cadre de l'organisation d'ateliers de transfert des connaissances, en lien avec la nouvelle législation québécoise concernant la protection des sources d'eau potable et avec les projets PACES en cours de réalisation. Finalement, la conférence conjointe AGC-AMC-AIH⁴ qui se tiendra à Québec, du 12 au 15 mai 2019, constitue un événement de grande importance pour la recherche en hydrogéologie au Canada.

¹ <http://www.environnement.gouv.qc.ca/eau/souterraines/programmes/acquisition-connaissance.htm>

² <https://www.tandfonline.com/toc/tcwr20/43/2?nav=toCList>

³ <https://www.ggl.ulaval.ca/nouvelle/article/un-14-mars-consacre-a-la-terre-et-a-lenvironnement/>

⁴ <https://gacmac-quebec2019.ca/>

Activity report – 2018-2019

Several events marked the 2018-2019 period in Quebec. Among others, in 2018, the Quebec Ministry of the Environment (MELCC) announced the initiation of six new projects conducted in the framework of the Groundwater Knowledge Acquisition Program (PACES)¹. Several researchers have also worked jointly for the publication of a special issue of the Canadian Water Resources Journal (Volume 43, 2018)² to disseminate the results of several past PACES projects. Numerous activities to disseminate and share knowledge have also been conducted. The Quebec groundwater network (RQES) has maintained its series of conferences on groundwater, an initiative conducted jointly with the AIH-Quebec. The IAH-Quebec also supported the completion of the 20th Earth Sciences and Environment Day, an event organized by students from Laval University and the INRS-ETE³. For his part, the RQES has been very active in the organization of knowledge transfer workshops, in connection with the new Quebec legislation concerning the protection of sources of drinking water and with the PACES projects currently being implemented. Finally, the joint AGC-AMC-IAH conference⁴ to be held in Quebec City from May 12 to 15, 2019, is an event of great importance for hydrogeological research in Canada.

¹ <http://www.environnement.gouv.qc.ca/eau/souterraines/programmes/acquisition-connaissance.htm>

² <https://www.tandfonline.com/toc/tcwr20/43/2?nav=toCList>

³ <https://www.ggl.ulaval.ca/nouvelle/article/un-14-mars-consacre-a-la-terre-et-a-lenvironnement/>

⁴ <https://gacmac-quebec2019.ca/>

2018 -2019 IAH-CNC Ontario Annual Summary Report

The annual report has been prepared for the period of May 1, 2018 to April 30, 2019 for IAH-CNC Ontario.

Ontario Regional Events

Southern Ontario Geoscience Open House

A two-day Regional Scale Groundwater Geoscience in Southern Ontario Open House was hosted collaboratively by the Geological Survey of Canada, Ontario Geological Survey, and Conservation Ontario. The event took place on February 27th and 28th, 2019 at the Delta Hotel in Guelph, Ontario. The objective of the open-house was to update groundwater practitioners on geoscience activities of the respective Federal, Provincial, Academic and Conservation Authority agencies and collaborators. The event included presentations, posters and a panel discussion. The event was well attended with 250 practitioners.

IAH-CNC was a sponsor for the Open House, providing \$1000 of funding towards the event from the IAH-CNC Ontario region budget.

Eastern Ontario Geoscience Workshop

A one-day Open House was hosted by the City of Ottawa and the Eastern Ontario Conservation Authorities in Ottawa on April 15, 2019. The objective was to provide information about Eastern Ontario Geosciences, with a focus on recent geoscience and hydrogeology initiatives, studies and regulation changes. The workshop included presentations from Federal, Provincial, and Municipal agencies, and the Eastern Ontario Conservation Authorities. The workshop was open to all interested practitioners including geoscientists, engineers, regulators and planners.

IAH-CNC was a sponsor for the event, providing \$250 from the IAH-CNC Ontario region budget.

Ontario Provincial Evening Seminars

2018-2019 IAH-CNC Ontario Technical Evening Seminars were hosted at Toronto and Region Conservation Authority's (TRCA) Head Office in Vaughan. The evening seminars were sponsored by the IAH-CNC Ontario region budget.

On November 28, 2018 Steve Holysh and Rick Gerber gave a presentation entitled: 'Comprehensive Groundwater Data Management – Changing Ontario's Hydrogeological Landscape'

Kitchener-Waterloo Hydrogeology Group Seminars 2018-2019 is a hydrogeology seminar series hosted at the Region of Waterloo (November 2018 through November 2019). The evening seminars are sponsored by the IAH-CNC Ontario Region.

On November 27, 2018 Paul Martin, President, Aqua Insight Inc. gave a presentation entitled: 'Comparison of Contaminant Transport Modelling Approaches for a Fractured Sedimentary Rock Site'

Collaboration with other IAH-CNC Events from other provinces

Ontario IAH members had a great opportunity to join number of the Groundwater Seminars in hydrogeology through videoconferences hosted and organized by IAH-CNC Quebec and RQES. These included:

On October 3, 2018 – 2018 Darcy Lecture 'Alpine Hydrogeology: The Critical Role of Groundwater in Sourcing the Headwaters of the World' by Masaki Hayashi, Ph.D., professor in the Department of Geoscience at the University of Calgary.

On January 22, 2019 - 'How do continuous permafrost landscape processes influence what we observe in rivers and streams?' by Bethany Neilson, professor in the department of Civil and Environmental Engineering at Utah State University.

We are looking forward to another exciting and informative year in 2019-2020!

Prepared by:

Nataliya Tkach and Tessa Di Iorio,

IAH-CNC Ontario Directors

IAH – CNC Manitoba Report – 2019

Our group in Manitoba continues to evolve and grow. Our local group is still fairly well connected with our local CGS group. The locals talks occur most often during the winter months. The CGS Group has also focused on running several short courses. These have been reasonably well attended, although some topics have not proved as popular.

Our Manitoba Group has now grown significantly due to the arrival of Dr. Hartmut Hollaender at the University of Manitoba. Dr. Hollaender has a large group of graduate students in his program, and they are very active. Some local tours have been planned in conjunction with the University. We would like to undertake this more often in the future.

Many of our local talks have been centered on the University based research. It is a challenge in Manitoba, as we no longer have any members of the Provincial Groundwater Management Section as IAH members. This group has been evolving over the last few years, and this has had an effect on their participation.

In years past we have been successful in booking the Darcy Lecture. In 2019, we were not successful in our application. It seems that the schedule was dramatically reduced this year.

All in all, things look very bright in Manitoba. I hope to step down in the next few years, as the group transitions to a larger group based at the University.

Regards,

Jeff Bell

Sask Directors Report - April 10/19

Currently there is not much to report on as there have been no formal activities take place that I am aware of. We will try to organize activities in both Regina and Saskatoon this fall/winter. I will be communicating with Sask members to get feedback and suggestions on possible events that may generate some interest with IAH members and non-members. Hopefully opening these events to non-members may encourage more people to join the IAH.

Nolan Shaheen
Sask Director

International Association of Hydrogeologists – Canadian National Chapter (IAH-CNC)

British Columbia Director’s Report March 2019

Laurie Welch, BC Director

As reported by this Director for the IAH-CNC AGM in September 2018, the primary local BC event is the annual Hydrogeology Symposium held at the University of British Columbia in Vancouver. The full day event was held in Fall 2016 and Spring 2017, and the most symposium was held on November 2, 2018. The event includes presentations from volunteer speakers on hydrogeological topics of relevance to British Columbia with social breaks and a casual lunch. The Symposium provides BC member and non-member hydrogeologist with educational and networking opportunities. IAH-CNC Membership is encouraged by the event, as IAH-CNC members and students attend free of charge and there is a small fee for non-members. Past themes “Hydrogeology and Groundwater Management and Regulation in BC”, “Hydrogeology and the Natural Resources Sector”, and “Groundwater Interactions” have brought interesting presentations on a variety of topics. The event is well attended by academics, students, consultants, government hydrogeologists, and research organizations from across the province - the full day and low cost of the event promote in-person attendance from across the Province.

Additional local events such as lunch hour presentations will be organized or supported locally as opportunities permit. The BC Director is also working with the General Manager of the BC Groundwater Association (BCGWA) to promote events of interest and discuss the potential for participation/collaboration at events organized by the BCGWA.

IAH-CNC BC member distribution list is being updated as memberships are renewed. The BC Director will continue to encourage membership renewal through Email reminders. Member engagement is ongoing with email notification of upcoming events of interest such as conferences, events, webinars, and job postings.

IAH-CNC News Bulletin information is provided semi-annually by the Director. News items include information and updates from BC researchers, relevant BC regulatory changes, government groundwater science programs and initiatives, and upcoming events of interest.

Early Career Hydrogeologists Network – Canada

ECHN plans to expand its outreach and to build a more formal structure across Canada. Currently the group is working closely with the Canadian Geotechnical Society to reach a broader population and to put on local events. A survey has recently been circulated amongst members to learn how ECHN can improve and better focus its activities. The response rate was poor, so a second survey has been created that will be exchanged for drink tickets at the ECHN event held in Quebec City. The survey will also act as a census to be used in developing regional sub-groups.

A major focus for 2019 should be improving its internal structure, such as creating formal positions, and recruiting regional representatives. Survey results show that members would appreciate at least two events a year. This is only achievable if events are created at a regional level. Therefore, it is important to recruit more regional representatives so that regional activities may be organized. This will be a focus of the 2019 ECHN event.

Based on the survey, ECHN would also like to introduce webinars, workshops, and outreach programs/volunteering opportunities. The webinars and workshops would likely be more successful if they were not exclusive to ECHN. The new survey will ask members what topics they would be interested in.

More advertisement of the ECHN award should be considered. 85% of the survey responders were not aware of it.