# **2020** Annual Report



# THANK YOU

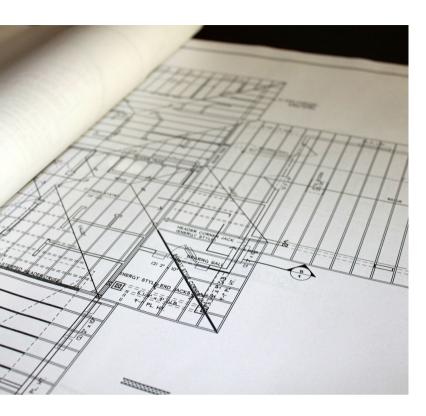
This page is dedicated to those Professional Engineers and Geoscientists that continued to work tirelessly through the unprecedented year that was 2020.

While none of us could have foreseen the issues and complications that arose from the impact of the spread of COVID-19, as your Regulator, we want to say *thank you* for your creativity, innovation and commitment to public safety during these times.



ENGINEERS GEOSCIENTISTS New Brunswick

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## **OUR MISSION**

To protect the public interest by regulating practice and to maintain public confidence in the professions.

## **OUR VISION**

The Association of Professional Engineers and Geoscientists New Brunswick leads the professions as a trusted, integral resource in regulatory matters.

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Designed by: Lauren Nicholson. APEGNB Director of Communications Translation by: Bourret Translation Inc. (BTI)



# VIRTUAL 2021 ANNUAL MEETING

## FEBRUARY 16-19, 2021

As the meeting will be held virtually, additional meeting rules and protocols will be in effect to facilitate a remote meeting, including new requirements for how motions will be accepted for consideration at the AGM.

## MEETING DETAILS AND INFORMATION WILL BE ADDED TO OUR WEBSITE.

## WWW.APEGNB.COM/AGM2021



## GOVERNANCE

## EXECUTIVE



President Marlo Rose, P.Eng.



Vice-President Maggie Stothart, P.Eng.



**Director**, Engineers Canada Jean Boudreau, P.Eng., FEC Michael Parkhill, P.Geo., FGC

## COUNCIL



**Director**. Geoscientists Canada



**CEO. APEGNB** Lia Daborn, CAE



**Fredericton Councillor** Tammy Lamey, P.Eng.

At-Large Councillor



Northwestern Councillor Karine Savoie, P.Eng.



At-Large Councillor Michelle Paul-Elias, P.Eng., FEC Maryse Doucet, P.Eng.



Saint John Councillor Jeffrey Underhill, P.Eng., FEC Jérémie Aubé, P.Eng.

**Geoscience Councillor** 

Matt Alexander, P.Geo.

**Program Coordinator** 

Stamatia Baker



**Moncton Councillor** 



**Public Representative** Lise Landry, LLB



Northeastern Councillor Stephanie Doucet-Landry, P.Eng., FEC



**Public Representative** Leslie Knox, CPA



CEO Lia Daborn, CAE



**Director of Registration** Kate Sisk, FEC (Hon), FGC (Hon)



Director of Communications Lauren Nicholson





Director of Professional Director of Finance and Affairs and Registrar Administration Carol MacQuarrie, P.Eng. Jocelyn Durette, CPA, CA



Software Developer Bruce Wallace

## A WORD FROM THE PRESIDENT

Reflecting back on a year ago, when I was inducted as President for our Centenary in February, I was envisioning a year of face-to-face and in person opportunities to connect with our members in New Brunswick and other Regulators in Canada.

COVID-19 seemed like a world away and unlikely to have a significant impact on our day-to-day lives. By late March, it became clear that this would not be the case and our 2020 Centenary would be remembered for more than the 100th year milestone.

The irony is that in our founding year in 1920, the global pandemic known as the Spanish Flu was ending, and as we marked our centenary, another pandemic was just beginning.

Now, during this global pandemic, just as it was over 100 years ago, members of our professions are rallying to answer the urgent call from medical professionals for ingenuity and rapid innovation. Although engineers and geoscientists are not the front-line medical responders, they are some of our hidden heroes whose work is critical in supporting others as they endure and fight back against this pandemic. Ultimately, the role for our professions during a global epidemic is the same as it is at any other time. It is enshrined in our professional obligations – to best protect the public.

Despite the challenges of COVID-19, our association continued with very little disruption. Staff were able to quickly transition to a workfrom-home environment, arrange virtual council and committee meetings and maintain our efficacy as a regulatory body. The adoption of our strategic plan in June of last year enabled us to focus on continuing to be a recognized and relevant regulator for all of our stakeholders – our registrants, the public and the government.

I am extremely proud to see that in 2020 we re-welcomed a fellow member into the role as Premier of our province, as well as electing and appointing Professional Engineers into other various positions of government leadership. I look forward to what our professions can accomplish in the upcoming year, as we continue to build on our government relations plan and increase public awareness around what it means to be a Professional Engineer and Professional Geoscientist.

This year we built upon our member portal, with online reporting of Continued Professional Development. To align ourselves with the other National Regulators on CPD requirements is necessary, to demonstrate to the public and government that we uphold and maintain high standards, knowledge, and skills within the practice of our professions. In doing so, may we be fortunate to continue to have the privilege of self-regulation, while protecting public interest.



As other regulators across Canada embraced virtual meetings as the new norm, I was fortunate to still be able to virtually attend several Engineers Canada and Geoscientists Canada board meetings as well as multiple provincial regulator AGMs, on behalf of APEGNB. I was amazed at how quickly all regulatory bodies adapted and continued to deliver upon their organizational obligations with the utmost efficiency and professionalism despite the challenges that lay before them.

Although Covid-19 presented challenges in terms of how we connected with students and classrooms, APEGNB will continue to focus on the Engineers Canada 30-by-30 initiative. Engaging youth and encouraging them to consider engineering and geoscience careers is an on going priority. Our Director of Communications is engaged at the national level to ensure our efforts align with those across the country. This past year, we focused on sharing resources and strategies across all jurisdictions and have worked to integrate diversity and inclusion into our daily activities and decision making. The combined efforts of staff and the volunteers of the D&I committee, lead to the establishment of a formalized diversity statement, outlining APEGNB's commitment to diversity throughout our organization and our professions.

We could not have achieved what we did in 2020 without the dedicated and strategic focus of our CEO, Lia Daborn and her staff. I would like to take this opportunity to welcome our new Director of Communications, Lauren Nicholson and our new Director of Finance & Administration, Jocelyn Durette. I would also like to thank Laura Douglass, for her supporting staff role as the former Diversity & Inclusion Coordinator.

While I have always known this, one particular note of realization was made clear to me during my tenure as President - the deep significance that the word "Professional" has on my career and that of my fellow colleagues and our registrants.

As engineers and geoscientists, we gain the right to self-govern rather than being governed by others. The benefits you receive as a registered professional through our organization are the trust and respect of the public. The public relies on regulation as an indication that they are receiving competent and qualified engineering services when they hire a P.Eng. or P.Geo. and that accountabilities are in place.

Although it may be unclear when this pandemic will end and when our lives will return to normal, I can say with the utmost certainty that Professional Engineers and Professional Geoscientists, are ensuring that the safety of the public is upheld every step of the way. It has been a tremendous honour for me to serve as your 101st President in 2020 – a year that I will never forget. I hope you are all as proud as I am, to be a member of our professional organization, directly improving the safety and quality life for all New Brunswickers.

As I leave you in the most capable hands, under the leadership of Maggie Stothart, P. Eng., I want to end with saying thank you to all of the staff and volunteers who make what we do possible each and every day.

With the strength and power of a well managed, self-regulated association behind us, together we will make it through these difficult times.

Please continue to keep safe and stay healthy.

Respectfully,

CNR

MARLO ROSE, P.ENG. 101ST PRESIDENT, APEGNB



In November 2020, APEGNB Executive met with Hon. Premier Blaine Higgs, P.Eng. and the newly appointed Minister of Transportation and Infrastructure, Hon. Jill Green, P.Eng.

## **CEO'S REPORT**

My first full year with the Association has been challenging but exciting at the same time. Only a few short weeks after our 2019 Annual meeting, the world as we knew it changed dramatically. As an organization, we shifted to a virtual workspace and moved all of our meetings on-line. Staff continued to serve the needs of our registrants and members-to-be, and build on the progress already in place.

To focus purely on the impact COVID-19 has had on our operations is a disservice to the nearly half-year that came before it, in which there was a lot of activity.

Throughout the fall of 2019 and culminating in March 2020, Council worked on a new strategic plan that gave APEGNB a clear vision and a strong focus in four key areas. We are now working hard to achieve those objectives through several initiatives, that will set the course for our future.

#### Ensuring compliance with the Engineering and Geoscience Professions Act and By-laws

The adoption of the revised *Guideline for the Use of Professional Seal* in 2019 with the requirement for digital signing certificates meant that many registrants were already set up to digitally seal their work when the pandemic caused us to work in a more virtual environment.

This year also saw the introduction of the Member Portal through our website which enables members, among other things, to track their CPD hours annually. Both of these developments are closely tied to the requirements of a self-regulated profession to demonstrate an adherence to standards for the profession.

As a regulatory body, it is important that we communicate the requirements of registration – not only to future registrants but also to government, the public and other stakeholders.

#### Enhancing Stakeholder Awareness

Key stakeholders such as the government, employers and the public are a key resource to enhancing our role as a regulated profession. A government relations strategy is in development, and we are currently working on exploring opportunities to increase the awareness of both professions and highlight the importance of self-regulation.

Our social media presence has increased significantly in the past year as we focus on consistent and strategic communications to our followers.

Our public opinion survey in August highlighted the need for us to better communicate the meaning of the term "Professional" within the designation of "P.Eng." and "P.Geo." This will be part of our larger public awareness campaign planned for 2021.



#### Modelling Good Governance

Council engaged several experts for various training sessions on governance and obligations of board members. Some of the recommended outcomes were proposed changes to APEGNB bylaws, updating the Council Terms of Reference and refining the nominations process.

Council and all committees adapted their meetings to a virtual environment beginning in the spring. We learned that this is a very efficient way of collaborating, which enables participation from across the province with no travel required and little usage of resources. Registrants are updated on Council outcomes through the Regulatory Matters electronic updates following each Council meeting.

"To focus purely on the impact COVID-19 has had on our operations is a disservice to the nearly half-year that came before it, in which there was a lot of activity."

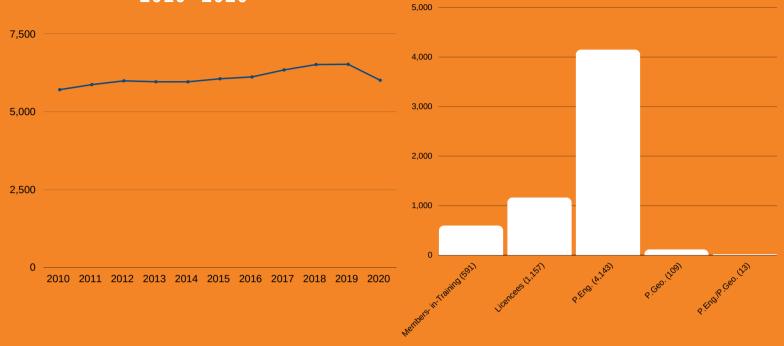
#### **Demonstrating Value to Registrants**

As a matter of public interest (as outlined in the Act) APEGNB staff have been exploring how to better demonstrate the value of licensing and registration. Through technology, we identified efficiencies in the registration process and staff are learning how to best harness the virtual environment for professional development and networking purposes. As an example, in the coming months, APEGNB will shift toward a competency-based assessment process for new applicants in both professions.

We have made tremendous progress this year with a renewed vision to be a respected and relevant regulator.

#### **BY THE NUMBERS**

**TOTAL MEMBERSHIP 2020** 



## TOTAL MEMBERSHIP STATISTICS 2010- 2020

Unfortunately, our office closure in March meant the cancellation of our 100th year anniversary gala. While we could not gather safely in person to celebrate, we were able to pivot and mark the occasion with the release of several recorded interviews with past presidents through social media, as well as hosting online contests for students related to STEM.

Despite the challenges, I am confident APEGNB will continue to grow from the experiences of the past year and the century that came before. I believe the positive realization that came from all of this is that we are fully prepared to move into the next century of regulation with a renewed focus and new ways of doing nearly everything.

I would like to take this opportunity to recognize staff, our many volunteers, our registrants and all of our stakeholders for their resiliency throughout the last several months.

Thank you for all you have done to continue to strive for excellence and work toward our collective vision as an association.

If you would like to get involved, help build the organization and support the professions, I encourage you to look into the many opportunities we have to do so.

Take care, and I hope to see you in person soon.

Respectfully,

Lia A. Daborn, CAE Chief Executive Officer, APEGNB

To APEGNB, diversity means engaging the best minds of the profession, which includes women, Indigenous peoples and internationally educated professionals. The APEGNB statement on diversity is as follows:

"The Association of Professional Engineers and Geoscientists of New Brunswick is committed to fostering a culture of equity, diversity and inclusion within our professions as we work to protect the public interest. Together, we share responsibility for creating a sustainable, equal-opportunity environment where everyone can achieve their full academic and professional potential."

## 2020 / 2021 **SCHOLARSHIP AND PRIZE RECIPIENTS**

### Graydon Nicholas Indigenous Scholarship \$3,000

Cordell Paul University of New Brunswick

Andréanne Charest Université de Moncton

ENGINEERS

GEOSCIENTISTS New Brunswick

#### Jocelyne Roy-Vienneau Undergraduate Engineering Scholarships for Women \$3,000



Jayme Girouard University of New Brunswick Université de Moncton

Melissa Pellerin



APEGNB FOUNDATION FOR **EDUCATION - UNIVERSITY OF NEW BRUNSWICK** 

**APEGNB Entrance Scholarship** \$5,000 Michael E. Scott Misha M. Boulerice

**D.O. Turnbull Memorial Scholarship** \$3,000 Maxime W. Dumont

> Grandy, Gibson, Holmes **Memorial Scholarship** \$3,000 Karla R. Brown

**APEGNB PRIZE** \$2,000 Vardaan Malhotra Alexander M. Mawhinney

APEGNB FOUNDATION FOR EDUCATION -UNIVERSITÉ DE MONCTON

**APEGNB Entrance Scholarship** \$5,000 Parise LeBlanc Dylan Thibodeau

> **Graham MacDonald Memorial Scholarship** \$3,000 Patrick Ruest

> > **APEGNB PRIZE** \$2,000 Mathieu Thibeault

APEGNB FOUNDATION FOR **EDUCATION - ADVANCED** STUDIES

Advanced Studies Scholarship, Masters \$5,000 Emilie Pellerin

Advanced Studies Scholarship, Ph.D \$5,000 John Flood

> **Otis I. Logue Graduate** Scholarship, Masters \$5,000 Nicole Odo



## ENGINEERS CANADA REPORT

AS SUBMITTED BY JEAN BOUDREAU, P.ENG., FEC

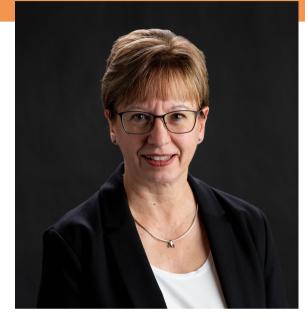
Engineers Canada is the national organization of Canada's 12 engineering regulators who license the country's 300,000 members of the profession. We work to advance the profession through a variety of activities including engineering program accreditation, the development of guideline resources for regulators, the facilitation of national meetings for engineering regulators and the promotion of outreach, diversity, and inclusion in the engineering profession. To find out more, visit www.engineerscanada.ca.

As with all organizations, Engineers Canada had to deal with the impacts of COVID-19. While it has been challenging at times, Engineers Canada was well positioned to transition to a virtual workplace when it all started. The IT team had already set up virtual infrastructure and staff had been trained on virtual meeting tools shortly before the full impact hit. Many committee meetings were already conducted virtually and that was expanded to include all Board meetings starting in May including the Annual Meeting of Members. Board meetings will continue to be virtual until at least February 2021.

Many organizations that Engineers Canada works with have also needed to change the way they operate and one of the groups hit hardest was the engineering programs we accredit through the Canadian Engineering Accreditation Board (CEAB). These organizations have had to cope with physical classrooms offline, added strain on resources as well as lack of ability to gather information through in-person accreditation visits. Given those challenges, the Accreditation Board had to determine how to proceed with the work of accreditation. Working in collaboration with the Deans of Engineering and with the subsequent approval of the Engineers Canada Board, two decisions were made to alleviate the pressures facing the programs: to defer the 2020/2021 accreditation visit cycle for one year, and to grant a one-time, one-year accreditation cycle extension to all programs who received a favourable accreditation decision before June 5, 2020.

#### Strategic Plan 2022-2024

One of the outcomes of the June 2019 Governance, Strategic Planning and Consultation (GSPC) Project was a sustainable strategic planning process. This process is being used to produce the 2022-2024 Strategic Plan. The work began with a draft environmental scan that was sent for consultation with regulators, CEAB, Canadian Engineering Qualifications Board (CEQB) and Engineering Deans Canada (EDC) in September 2019. In December, the Finance, Audit and Risk Committee approved the SWOT and strategic risks analysis and the Strategic Plan Task Force approved the environmental scan. These were then sent to Engineers Canada, CEAB, CEQB, CEOs and officials groups and a foresight workshop was held in February.



Jean Boudreau, P.Eng., FEC President, Engineers Canada (2020-21), Engineers Canada Director, New Brunswick

A draft foresight report was sent for feedback to the Board of Directors, Presidents and CEOs in April and the final foresight report was presented to the Board in May.

Also in May, a survey was sent to the Board of Directors, CEOs and Presidents and a survey was conducted to asses the impact of COVID-19 on regulators, Engineers Canada and the profession as a whole.

The August 2020 strategic planning workshop was a hybrid version with approximately half attending in person and half participating virtually. During the meeting, the Board confirmed the vision and prioritized potential strategic priorities for the 2020-2024 plan. These strategic priorities and the vision will now go back to regulators, CEAB, CEQB and EDC for feedback.

As you can see, consultation is a very large part of developing the strategic plan to ensure Engineers Canada undertakes the right activities, builds trust with its stakeholders, and achieves the results that its member regulators expect.

## GEOSCIENTISTS CANADA REPORT AS SUBMITTED BY MICHAEL PARKHILL, P.GEO., FGC



Canada's geoscience professionals are governed by the provinces and territories in which they work. In 1996, provincial regulatory bodies recognized the need for a national alliance for the profession and thus, they formed Geoscientists Canada to coordinate activities and to represent the profession at a national and international level. Geoscientists Canada is funded by nine regulatory bodies and run by a Board of Directors that includes three elected officers. To find out more, visit www.geoscientistscanada.ca.

#### Annual Meeting, Election, and Awards

At the 22nd Annual General Meeting held on June 6th, 2020, Michael Parkhill, P.Geo., FGC from New Brunswick was elected President (2020-21), Dr. Kevin Ansdell, PhD, P.Geo., FGC from Saskatchewan was elected President-Elect, and Yuri Kinakin, P.Geo., from Northwest Territories and Nunavut was re-appointed as Treasurer.

In recognition of his "impressive body of work, both technical and regulatory, for professional geoscience in Canada, including thirty years of experience mapping Archean volcanic belts and granitic terranes for mining exploration and government research programs", Hendrik Falck, P.Geo., FGC, of Yellowknife, NWT, was awarded the 2020 Canadian Professional Geoscientists Award. Dr. Jim Walker, PhD, P.Geo., FGC was the New Brunswick recipient of the 2020 Fellowship of Geoscientists Canada designation.

#### **Projects**

The AST Phase II Project wrapped up in early 2020 and has three inter-related components:

- 1. Development of competency indicators for work experience (Experience Indicators Framework)
- 2. Development of a competency-based assessment tool for work experience (demonstration level)
- 3. Development of an online self-assessment module for all prospective Geoscientist applicants.

#### The competency-based assessment online tool

(www.geoscienceincanada.ca) was launched by Geoscientists Canada and will benefit regulators of the profession across Canada. This website remains the key resource designed to inform internationally and domestically trained geoscientists about practicing geoscience and professional geoscience licensure requirements in Canada. It includes a variety of resources including a licensure readiness self-assessment tool, which provides prospective applicants with the ability to anonymously self-assess their geoscience education and work experience as compared to the Canadian geoscience requirements for licensure.

Geoscientists Canada recently launched the Geoscience Practice Guidelines Catalogue, a collection of guidelines addressing principles of the practice of geoscience in Canada. in addition, the booklet "Geoscience and Canada – Understanding our Earth: The vital role of Canada's geoscientists" is now available in French as well. All Geoscientists Canada publications are available for free download at *www.geoscientistscanada.ca*.

The Geoscientists Canada Professional Practice Committee, with the input of Member Organizations, has reviewed and finetuned the draft National Geoscience Ethics Statement. The committee is also working on a National CPD Guidance document.

#### **Other News**

Geoscientists Canada was successful in the application to the Intellectual Property Rights Office for Certification Marks on the terms "Professional Geoscientist" and "P.Geo". The draft licensing agreement has been reviewed by a lawyer and will be sent to the nine Geoscientists Canada Members for input.



Michael Parkhill, P.Geo., FGC President, Geoscientists Canada (2020-21), Geoscientists Canada Director, New Brunswick

The Geoscience Knowledge and Experience Requirements (GKE) document was updated and is in use across Canada. The QP (Qualified Person) Short Course "Your Career and Public Reporting" is being updated and was offered in several provinces over the last year.

Geoscientists Canada is looking at developing Position Statements on:

- · commitment to equity, diversity and inclusion
- the licensing of practicing geoscientists
- geoscience technologists and practice rights.

The Member Organizations have been made aware of the cancellation of Geological field schools which are a requirement in the Geoscience Knowledge and Experience Requirements for Professional registration (GKE). This did not affect many students in 2020 but could in 2021 and provisions are being set out to address those that could be affected. Ultimately it is up the regulators with respect to GIT registration. How this affects labs and field schools for 2021 is yet to be fully realized.

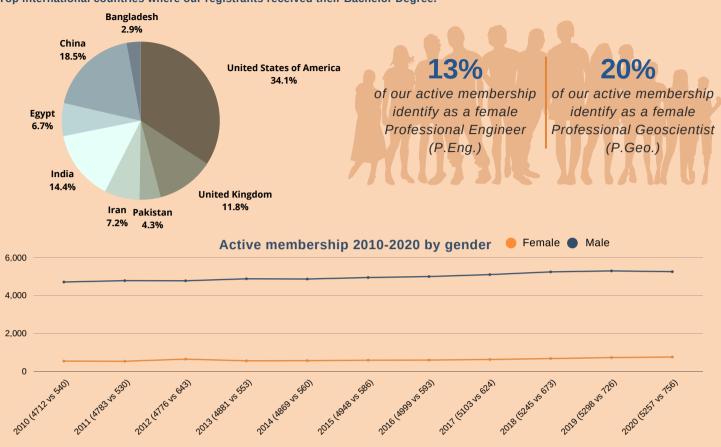
APEGNB Past President, Dr. Bruce Broster, PhD, P.Geo., FGC, recently stepped down as the chair of the Canadian Geoscience Standards Council, after 10 years. Bruce was instrumental in working on several national projects on behalf of our Member Organizations and the Board, we thank him for his contributions.

Although my role as President of Geoscientists Canada this year has been a virtual one it has been a very busy time since the onset of the Pandemic. Geoscientists Canada was set up already to work remotely and that has gone relatively smoothly. All our Board and Executive meetings have been virtual and we expect that to continue well into 2021. I have attended and brought greetings or presentations to many meetings as well as attended virtually the European Federation of Geologists COVID-19 summit in June and the Canadian Federation of Earth Sciences (CFES) meeting. Two things of note is the work of CFES on a statement of Geoethics and the recently circulated Position Statement on Climate Change which Geoscientists Canada will have the opportunity to comment on.

Plans are underway for the upcoming 25th anniversary of Geoscientists Canada in 2021 and we are hoping to meet in person for the AGM, in Moncton New Brunswick, on June 4-5, 2021 where we can have a Maritime hosted get together. Social media posts, a history document, and a short video, are all planned.

### **DIVERSITY IN THE PROFESSIONS**

Top international countries where our registrants received their Bachelor Degree.



## FROM THE PRESIDENT-ELECT: MAGGIE STOTHART, P.ENG.



Where to begin...so much has changed over the last several months since I became Vice-President. However, the one thing that has remained constant for Engineers and Geoscientists is our role as a regulator of these professions and our priority to serve and protect the public.

At the beginning of the COVID-19 pandemic, our members began balancing the new work-life challenges and changes to our daily routines. Our members may not have been on the front-lines but

our innovation in supporting those workers with technology and safety supplies played a crucial role. Our members have stepped up in creating masks, face shields, 3D printing safety supplies and installing technologies for local businesses to continue operation.

During this crisis I am happy to see our professions across the country driving society forward. Truly, we are living through a period of history where we don't know what the immediate future holds but I hope, based on the evidence and passion that I have seen from our members and beyond, that our "new normal" is one of innovation and creativity.

Engineers and Geoscientists are problem solvers and we have all chosen to deal with this COVID-19 pandemic as an opportunity to learn and grow instead of focusing on the negative. We are finding new ways to reach students through STEM and continuing our Community Outreach programs in new and exciting ways such as the virtual Pumpkin Fling in Miramichi and the Haunted Tour in Fredericton. It would have been easier for the branches to cancel these events altogether but our members decided this was the

time to try something new and bring some innovation, creativity and resilience to these events for the sake of the communities.

During my upcoming tenure as President and working with Council and staff, I would like to continue raising the profile of the Association. In particular, I believe that we have an excellent opportunity to build upon our government relations with the current COVID-19 pandemic and reinforce our position as a trusted resource in the province. I am also focused on the Engineers Canada goal of 30 by 30. It is important that we continue to pursue an inclusive culture for current and future generations of engineers and geoscientists and truly reflect New Brunswick's diverse society. To accomplish this goal, we will be implementing a new and structured strategic plan with council. While we have started the process this past summer, the 2021 Council will have significant work to do and I am honoured to lead the challenge.

I am following in the footsteps of some great leaders in the profession. This organization was formed back in 1920 by individuals who were motivated and persistent in pursuing a goal of success for the Association, despite the challenges they faced during their time. Today is no different and I intend to keep that tradition of pursuing excellence a top priority for APEGNB.

I hope to have the chance to see you in person over the coming months while I serve as your President. In the meantime, take care of yourselves and each other, and do not hesitate to reach out to me if you have any questions at all. You can reach me at *president@apegnb.com*. I am looking forward to serving you and working alongside you as your 102nd President.

## REGISTRAR'S REPORT

#### P.Eng. Registration

Brant W. Allen, P.Eng. Pierre Z. Arseneau, P.Eng. J.-D. Arseneault, P.Eng. Chinweotito Atansi, P.Eng. Francis John Atis, P.Eng. Tyson W. Aubie, P.Eng. Tamer H.A. Awad, P.Eng. Majed M. Badiuzzaman, P.Eng. Jeffrev C. Barrett, P.Eng Yanick Beaulieu, ing. R. Beauregard-Long, P.Eng. Justin R.D. Bell, P.Eng. Michael A. Benson, P.Eng. Rachelle A. Bernier, P.Eng. Mitchell H. Best, P.Eng. Thomas M.M. Bird, P.Eng. Andrew W.J. Black, P.Eng. M.A.J. Boissonnault, P.Eng. J.S. Bouchard-Dubé, P.Eng. Nathan T. Boudreau, P.Eng. Patrick Boudreau, P.Eng. Kevin M. Breael, P.Ena. Peter J. Brennan, P.Eng. Brandon C. Brown, P.Eng. Denis D.J. Brun, P.Eng. R.A. Caballero Arrieta, P.Eng. J. Alexander Caines, P.Eng. Ye Carrier, P.Eng. Sean D.N.T. Casey, P.Eng. Scott R. Chamberlain, P.Eng. B.M. Churchill-Kielec, P.Eng. Timothy A. Colwell, P.Eng. Corey M. Conner, P.Eng. Joseph G. Cormier, P.Eng. Kathryn T.S. Cormier, P.Eng. Tyler M. Cormier, P.Eng. Todd W. Cusack, P.Eng. Natasha N. Daigle, P.Eng. Jared T. DeLong, P.Eng. Mathieu T. Demore, P.Eng. Mark-André A. Deslauriers, P.Eng. Joshua J. Donovan, P.Eng. Mathieu A. Doucet, P.Eng. Brian W. Dugie, P.Eng. Johnbull F. Ebonka, P.Eng. Said Echchakoui, ing. Mohamad El Chahabi, P.Eng. Ramy Elbahnasawy, P.Eng Hatem Elmanawy, P.Eng. Christopher D. English, P.Eng. Max D. Falkjar, P.Eng. Stephen J.A. Flanagan, P.Eng. Nicholas T. Fletcher, P.Eng. Steven P. Forrester, P.Eng. J.P. Alain Fournier, P.Eng. A. Tyler W.F. Fraser, P.Eng. Carly E. Galbraith, P.Eng. Corv S. Gaudet, P.Eng. Brady D. Gaudette, P.Eng. Avery H. Gilks, P.Eng. Dustin R.D. Gillett, P.Eng. Ghislain L.J. Goguen, P.Eng. Yanick Haché, ing. Xue Han, P.Eng.

Lucas N. Hillier, P.Eng. Corey M. Humby, P.Eng. Dustin R.D. Gillett, P.Eng. Ghislain L.J. Goguen, P.Eng. Yanick Haché, ing. Xue Han, P.Eng. Lucas N. Hillier, P.Eng. Corey M. Humby, P.Eng. C.K.B. Hunerfauth, P.Eng. Malik R. Hussain, P.Eng. John C. Ibeawuchi, P.Eng. Alexander S. Keddy, P.Eng. Janelle M. Lamrock, P.Eng. Sébastien M. Landry, P.Eng. Stéphane A. Landry, P.Eng. Josephine M. Lantz, P.Eng. Adam J. Lawlor, P.Eng. Corey D. Lawson, P.Eng. Patrick J. LeBlanc, P.Eng. Brett K. LeDrew, P.Eng. Abram E.P. Lee, P.Eng. André-Michel Léger, ing. Jérémie P. Léger, ing. Sébastien Léger, ing. Jennifer L. Lennox, P.Eng. Marc P. Levesque, P.Eng. Benjamin Lewis, P.Eng. Ryan J. Lister, P.Eng. Alan E.W. Lloyd, P.Eng. Alixandra E. Loughery, P.Eng. Larry R. Lutes, P.Eng. Courtney G. MacIntosh, P.Eng. Robert A. MacKenzie, P.Eng. James M. MacLean, P.Eng. Peter E.F. MacNeill, P.Eng. Alexander L. Martin, P.Eng. Arthur W. McCarthy, P.Eng. C.M. McNamara, P.Eng. Brendan L. McPhee, P.Eng. Arthur C. Medford, P.Eng. Denis Melanson, P.Eng. Brittany E. Mercer, P.Eng. Slimane Metiche, ing. Alexander Mikushev, P.Eng. Edward G. Moffatt, P.Eng. Roy J. Mugume, P.Eng. Brendan R. Murphy, P.Eng. Mouhamed Ndong, P.Eng. Andrew B. Northmore, P.Eng. Jeffrey M. O'Donnell, P.Eng. Joël Olivier, ing. Conor R. O'Neil, P.Ena. O. Jon Parkman, P.Eng. Angela K. Pearson, P.Eng. Eric G. Pelletier, P.Eng. Nicholas E. Plourde, P.Eng. Adrien Pradeau, ing. Rommel I. Recondo, Jr., P.Eng. Katelyn M. Ricketts, P.Eng. Francis A. Rioux, P.Eng. Julien R. Robichaud, ing. Justin A. Rogers, P.Eng. Raymond P. Russell, P.Eng. Gidget Salta, P.Eng. Nicholas J. Samson, P.Eng. Nicholas M. Santwris, P.Eng

Brandon M.E. Searle, P.Eng. Gidget Salta, P.Eng. Nicholas J. Samson, P.Eng. Nicholas M. Santwris, P.Eng. Brandon M.E. Searle, P.Eng. Franck M Senda P Eng Royata A. Sidibé, P.Eng. Robert J. Snell, P.Eng. Joshua M.A. Snyder, P.Eng. Jordan K.W. Sorenson, P.Eng. Taylor C. Steele, P.Eng. Kathleen A. Steeves, P.Eng. Justin D. Stewart, P.Eng. Paul J. Stewart, P.Eng. Ligun Sun, P.Eng. C. Heather Tesselaar, P.Eng. Wesley N. Tibbet, P.Eng. Hilary F. Tomney, P.Eng. Dominick A. Valdron, P.Eng. Timothy L. Valentine, P.Eng. Justin M. Van Beelen, P.Eng. J.D.J. VandenBroek, P.Eng. F.J. Vásquez Infante, P.Eng. Aparna Venugopal, P.Eng. Jonathan R. Waye, P.Eng. Jaeson Waygood, P.Eng. Thomas J. Williams, P.Eng. Benjamin D. Youé, P.Eng. Wei Zhao, P.Eng. Xin Zhao, P.Eng. Lina Zhou, P.Eng. Xi Zhu, P.Eng.

#### P.Geo. Registration

Matthew C. Clarke, P.Geo. Peter R. Hall, P.Geo. Christine Williston, P.Geo.

#### P.Eng. Transfer In

Akaninyene E. Akpan, P.Eng. Bassem Abdrabou, P.Eng. Lisa D. Amirault, P.Eng. Clodualdo Jr. Aranas, P.Eng. Robert G. Belliveau, P.Eng. DonaldBelyea, P.Eng. Ivan T. Broz, P.Eng. Paul Carson, P.Eng. Nathan J. Carter, P.Eng. Vincent Cloutier, ing. Guvenc Ergin, P.Eng. Adeola O. Gbadebo, P.Eng. Henri Gouin, ina Katherine Harris, P.Eng. Tara L. James, P.Eng. John Keeton, P.Eng. Taylor J. Leighton, P.Eng. Donald W. MacLean, P.Eng. Carol A. McDevitt, P.Eng. Ashlev A. McIntvre, P.Eng Sylvain A. Michaud, ing. Laura T. Mijatovic, P.Eng. Nikola Mijatovic, P.Eng. David Morneau, P.Eng. Bhaumick Pabari, P.Eng. Thomas M. Smith, P.Eng. Sherry-Ann Soodan, P.Eng.

Julie L. Spence, P.Eng. Richard A. Thibault, P.Eng. Adam A. Turner, P.Eng. Md Wahiduzzaman, P.Eng. Michael Walsh, P.Eng. Wendy Y. Warford, P.Eng. Graham Waugh, P.Eng. Kevin C. Woods, P.Eng. C.L. Worden-Rogers, P.Eng. Jian Zhong Zhang, P.Eng.

**P.Geo. Transfer In** Caroline Richer, géosc. Paul J. Teniere, P.Geo.

#### P.Eng. Reinstatement

Jeffrey Barrett, P.Eng. Patrick Boudreau, P.Eng. Peter Brennan, P.Eng. Peter J.S. Dare, P.Eng. Trent Douglass, P.Eng. Mark Hudson, P.Eng. Crystal LaFlamme, P.Eng. Melanie Lambert, P.Eng. Dawn MacIsaac, P.Eng. David N. MacLennan, P.Eng. Christopher J. Mathis, P.Eng. Timothy G. McEwen, P.Eng. Geneviève M. McIntyre, ing. Alexander Mieszkowski, P.Eng. Andrew W. Myers, P.Eng. Bruce R.D. Noble, P.Eng. José M. Rodriguez Balbuena, P.Eng. Ewen Scott, P.Eng. Ryan Tays, P.Eng. Ke Xie, P.Eng.

#### MIT Enrolment (Engineer-in-Training) Elliot S. Jardine, EIT

Afshin Adivi, EIT Mohamed E.M.A. Ahmed, EIT O. Anita I. Anichebe, EIT Khaleel R. Arfeen, EIT Justin S. Arsenault, EIT Mirza V.A. Baig, EIT Isaac J. Barkhouse, EIT Ryan D.D. Bass, EIT Réjean D. Belliveau, IS Aaron K.R. Biddington, EIT Matthew D.W. Bishop, EIT Lucas M. Blaney, EIT M. Elaine Bliss, EIT Ian F. Blundell-Smith, EIT Alexander M. Boyd, EIT Ryan J. Briggs, EIT Samuel M. Campbell, EIT Chimdi I. Chime, EIT Keagan A. Chmara, EIT Christopher W. Corbett, EIT Olivia B.S. Cormier, EIT Andrew W. Croisier, EIT Trevor R. Crouse, EIT Jessica A. Davenport, EIT David R. DeGooyer, EIT Bavleen K. Deo, EIT Matthew J.A. DeSilva, EIT Gabriel A. Després, EIT

Jonathan N. Dobbelsteyn, EIT Nicholas P. Dowling, EIT Caleb M. Dreise, EIT Tanisha M. Dreise, EIT Gabriel R. Dumont, EIT Mathieu A Dupuis EIT Mehran Ebrahimazhdari, EIT Alireza Ebrahimi, EIT Kevin C. Eddy, EIT Kelsey J. Edgecombe, EIT L. Robert Elliott, EIT Aaron J. Farnham, EIT Amy M. Feltham, EIT Melanie R. Flack, EIT John A. Flood, EIT Andrew A. Floyd, EIT Adam J. Foley, EIT Devon S. Fraser, EIT Jeffrey Frenette, EIT Jonathan P. Fullarton, EIT Christian S. Gilbey, EIT Jia Gong, EIT Isaac W. Gray, EIT Kate M. Guravich-Thompson, EIT Kurt D. Hamlyn, EIT Chelsea M. Hansen-Batten, EIT Jonathan B.E. Harman, EIT Mathew G.B. Hengst, EIT Nicholas Hepburn, EIT Spencer A. Hoar, EIT Rebekah N. Hofland, EIT Rachel A. Hogge, EIT Neil M. Hughes, EIT Ahmad Ibrahim, EIT Ogechi C.M. Ileme, EIT I. Godwin Itamah, EIT Ritesh S. Jaglall, EIT M. Marouane Jazouli, IS Mahipal Kasaniya, EIT Godfrey Kayizzi, EIT Patrick D. Lamontagne, EIT Robyn D.M. Larracy, EIT Andrew J. LeBlanc, EIT Rvan Leblanc, EIT Joshua W.C. LeDrew, EIT Eric Léger, EIT Mikel A. Lester, EIT F. Jonathan Levasseur, EIT Mélissa Losier, IS Rémi G. Losier-Chiasson, IS Anouar Mabrouk, IS Christopher D. Mackin, EIT Faris R. Mahboob, EIT Gabriella E.S.B. Makarious, EIT Amy M. Manning, EIT Ryan A.S. Marino, EIT Alexander P. Martin, EIT Matthew D. Mason, EIT Micaela C.A. Matthews, EIT Patrick K. Mbaya, EIT Kathleen R. McCavour, EIT Gavin R. McClare, EIT Brett D. McDermott, EIT Katie M. McDonald, EIT Justin M. McIsaac, EIT

## REGISTRAR'S REPORT

Mary A. McLennan, EIT Ramzi Mehrez IS Ryan J. Meng, EIT Matthew D. Montgomery, EIT Brady R. Moore, EIT Sara M. Moore, EIT Grassiela C. Morales, EIT Leland R.W. Morehouse, EIT Nouran M M A Mostafa EIT Chamara D. Nanayakkara Kuruppu, EIT Michael T. Neves, EIT William Nhan, EIT Jonathan D. Nicolle, EIT Trevor G. Nixon, EIT Brandon M. Nowlan, EIT Roshan Oad EIT Kyle R. O'Hara, EIT Calvin E.G. O'Neill, EIT Hanan F.I. Othman, EIT Mathieu M. Pelletier, EIT Samuel J. Poirier, EIT Aarjan R.S. Poudel, EIT Kelsie R. Price, EIT Benn G. Purinton, EIT Jaclynn L. Reid, EIT Samuel O. Renault, EIT Andrew J. Rice, EIT Colby A. Rice, EIT Haley M.M. Richard, EIT Jérémy A. Richard, EIT Louis P. Richard, EIT Brandon M. Richardson, EIT Laura E. Rincon Ceballos, EIT Rvan W. Rix, EIT Matthew A. Roberts, EIT Curtis E. Robichaud, EIT Étienne Rouleau, IS Sohana Sabrin, EIT Mohamad B. Salah Eddine, EIT Jessie V.A. Saunders, EIT Matthew J. Scott, EIT Claire E. Sears, EIT Majed A. Shakir, EIT Yiyang Shi, EIT Ashley J. Smith, EIT Ryley C. Snow, EIT V.S.N. Jagannadh Sripada, EIT Matthew L. Stephens, EIT Joshua E.B. Taningco, EIT Bryce A. Tayes, EIT Alexander M. Tees, EIT Gowtham Thangavel, EIT Ryan Thibodeau, EIT Justin B. Tinker, EIT Lewis J Vandervalk EIT Josée Vautour, EIT Gabrielle P. Verner, EIT Luke Walsh, EIT Dawson P.A. Warman, EIT Spencer R. Watts, EIT Amy E. White, EIT Stephen J. Wilkins, EIT Jacob A.B. Wood, EIT Congrong Xu, EIT Tyler B.M. Young, EIT

MIT Enrolment (Geoscientists-in-Training) Zeinab Azadbakht, GIT Ahcene Gaoui, GS Shane J. Higbee, GIT Neil G. Renwick, GIT Mark Richardson. GIT

#### Certificate of Authorization Resident

Crandall, a division of Englobe Corp., Moncton, N.B. E. Cummings Contracting Inc., Woodstock, N.B. Engineering by Houghton Inc, Saint John, N.B. FMD Consultants, Petit-Rocher-Ouest, N.B. Forsythe Engineering Incorporated, Holmesville, N.B. Irving Oil Limited and Affiliates, Saint John, N.B. Lockstead Engineering, Hanwell, N.B. M.P. deWinter Consulting, Sussex, N.B. North Shore Micmac District Council, Eel Ground, N.B. Troy Life & Fire Safety Ltd., Dartmouth, N.S.

#### Certificate of Authorization Non-Resident

30 Forensic Engineering, Toronto, ON Aedifica Inc., Montréal, QC Alps Welding Limited, Vaughan, ON AMG Metals Inc., Sharon, ON ART Engineering Inc., Carp, ON Asterisk Engineering Corporation, Kingston, ON AWC Water Solutions Ltd., Langley, BC Baker Engineering & Risk Consultants, Inc., San Antonio, TX USA BK Consulting Inc., Newmarket, ON Bluestar Engineering Ltd., Calgary, AB Camille Blais et Fils Ltée, St-Pierre-de-la-Rivière-du-Sud, QC Can-Technologies Inc., Cambridge, ON Centex Engineering and Development Inc., Guelph, ON Central Earth Engineering Inc., Barrie, ON CHM Fire Consultants Ltd., Ottawa, ON ClearView Geophysics Inc., Brampton, ON Conception Temporaire et Durable (CTD) inc., Repentigny, QC EBing Consultant inc., Richelieu, QC Enermax Mountain Manufacturing Ltd., Maple Ridge, BC Engineering Technologies Canada Ltd., Stratford, PE Experting inc., Granby QC FNX-INNOV INC., Montréal, QC Gestion Exvesta inc., Repentigny QC Gratec Engineering Ltd., Lac de Arcs AB H.S.P. Consultants Inc., Long Sault, ON IDEA Group Inc., Calgary, AB INDUKTION Groupe Conseil inc., Montréal, OC Inter-Fluve, Inc., Hood River, OR USA Jain Sustainability Consultants, Mississauga, ON JPM Consultant Inc., Longueuil, QC Lakeland Engineering Ltd., Burlington, ON Meglab, Val-d'Or, OC MTSE Inc., Cambridge, ON N.A. Engineering Associates Incorporated, Stratford, ON Nunn Warden Design Inc., Toronto, ON Parasis s.e.n.c., Longueuil QC Pinpoint Engineering Ltd., Bolton, ON Pomerleau, Montréal, OC Powell Canada Inc., Acheson, AB Pro Post Foundations inc., Ascot Corner, QC RDH Building Science Inc., Burnaby, BC Rockwell Automation Canada Ltd., Dartmouth, NS SeaColl Engineering Ltd., Hubbards NS Siemens Energy Canada Limited, Oakville, ON SMP-Services Corp., Calgary, AB

Société d'Énergie de la Baie James (SEBJ), Montréal, QC Spark Power High Voltage Services Inc., Oakville, ON Structural Engineers, P.C., Marshalltown, IA USA Superteck Experts-Conseils, Québec, QC SWS Engineering Inc., Mississauga, ON Tacoma Engineers Inc., Guelph, ON Thermapan Industries, Fort Erie, ON The NB Partnership Engineers Inc., Vaughan, ON Westbrook Greenhouse Systems Ltd., Beamsville, ON Westower Communications Ltd., Elmira, ON

## In Memoriam

Stuart J. Armstrong, P.Eng. William L. Barrett, P.Eng. James R. Batt, P.Eng. E. John Bliss, P.Eng., APEGNB Registrar 1981-2015 Richard J. Boissonnault, ing. Theodore W. Bremner, P.Eng. Adam Chrzanowski, P.Eng. Neil A. Coy, P.Eng. Claude J. Degarie, P.Eng. Howard N. Dixon P.Eng. L. Ralph Elliott, P.Eng. Emery M. Fanjoy, P.Eng. James C. Fraser, P.Eng. James R. Gillies, P.Eng. Andrew W. Gnazdowsky, EIT R. Edward Haggerty, P.Eng. Gary A. Hatchard, P.Eng. Pierre A. Hebert, P.Eng. Hans W. Klohn, Honorary P.Eng. Gerard R. Lavoie, P.Eng. Leonard E. MacFarlane, P.Eng. Michael W. Maloughney, P.Eng. Salem E. Masry, P.Eng. Eric B. McLenaghan, P.Eng. Archi D. Mukherji, P.Eng. Gerald A. O'Brien, P.Eng. Clarence Parker, P.Eng. Frank N. Remete, P.Eng. Antoine J. Richard, P.Eng. Paul E. Rouse, P.Eng. Matthew Seely, P.Eng. C. Antony Short, P.Eng. C. Douglas Wood, P.Eng.



## PAST PRESIDENTS

1920 Charles C. Kirby, P.Eng., CCPE President 1936-1939 1921 Charles C. Kirby, P.Eng. 1922 Geoffrey Stead, P.Eng. 1923 Burton M. Hill, P.Eng. 1924 Gilbert G. Murdock P.Eng. 1925 Frederick O. Condon, P.Eng. 1926 Alexander Gray, P.Eng. 1927 John D. McBeath, P.Eng. 1928 Samuel R. Weston, P.Eng. 1929 Harold W. McKiel, P.Eng. 1930 Frank P. Vaughan, P.Eng. 1931 John Stephens, P.Eng. 1932 Allan R. Crookshank, P.Eng. 1933 Grover C. Torrens, P.Eng. 1934 John D. Garey, P.Eng. 1935 A. Foster Baird, P.Eng. 1936 Geoffrey Stead, P.Eng. 1937 Harry J. Crudge, P.Eng. 1938 David R. Smith, P.Eng. 1939 Charles H.B. Croasdale, P.Eng. 1940 Gerald A. Vandervoort, P.Eng. 1941 George L. Dickson, P.Eng. 1942 Aubrey A. Turnbull, P.Eng. 1943 Earle O. Turner, P.Eng. 1944 James T. Turnbull, P.Eng. 1945 Angus S. Gunn, P.Eng. 1946 G.M. Brown, P.Eng. 1947 John H. T. Morrison, P.Eng. 1948 R.M. Richardson, P.Eng., CCPE President 1953 1949 A. Foster Baird, P.Eng. 1950 John P. Mooney, P.Eng. 1951 J. Harry Moore, P.Eng. 1952 Donald O. Turnbull, P.Eng., CCPE President 1960 1953 John D. MacKay, P.Eng. 1954 John M.M. Lamb, P.Eng. 1955 Douglas J. Brewer, P.Eng. 1956 David R. Webb, P.Eng. 1957 W. Donald.G. Stratton, P.Eng. 1958 Donald O. Turnbull, P.Eng. 1959 Stanley B. Cassidy, P.Eng. 1960 Kenneth V. Cox, P.Eng. 1961 M.F. Keith Leighton, P.Eng. 1962 William R. Godfrey, P.Eng. 1963 William L. Barrett, P.Eng. 1964 Joseph J. Donahue, P.Eng. 1965 Robert M. Wickwire, P.Eng. 1966 Edward D. Manchul, P.Eng. 1967 Albert M. Stevens, P.Eng. 1968 Eldon D. Thompson, P.Eng. 1969 Robert S. Myles, P.Eng.

1970 Robert D. Neill, P.Eng. 1971 William L. McNamara, P.Eng. 1972 Eric C. Garland, P.Eng., CCPE President 1976 1973 Edward D. Stephenson, P.Eng. 1974 Lawrence A. Pearson, P.Eng. 1975 Donald S. Mackay, P.Eng. 1976 Lyle W. Smith. P.Eng. 1977 R. Edward Haggerty, P.Eng. 1978 Ira M. Beattie, P.Eng. 1979 Donald S. Smith, P.Eng. 1980 E. John Bliss, P.Eng., APEGNB Registrar 1981-2015 1981 John B. Wheatley, P.Eng. 1982 William G. Paterson, P.Eng. 1983 Boyd A. Touchie, P.Eng. 1984 Robert E. Burridge, P.Eng., CCPE President 1994 1985 Eloi Duguay, ing. 1986 P. Lee Fraser, P.Eng. 1987 Douglas F. Colwell, P.Eng. 1988 Kirk A. Bavis, P.Eng. 1989 Frank R. Wilson, P.Eng. 1990 Arthur W. Gunn, P.Eng. 1991 George J. Flanagan, P.Eng. 1992 Donald C. Good, P.Eng. 1993 Wayne B. Chambers, P.Eng. 1994 Paul S. Belyea, P.Eng. 1995 Euan S. Strachan, P.Eng. 1996 Edward H. Smith, P.Eng. 1997 Hollis B. Cole, P.Eng., CCPE President 2003 1998 Patricia M. Dineen, P.Eng. 1999 J. Michael MacDonald, P.Eng. 2000 Wolfgang Faig, P.Eng. 2001 Sherry E. Trenholm, P.Eng. 2002 J. Allan Giberson, P.Eng. 2003 Roger Cormier, P.Eng. 2004 Brian B. Barnes, P.Eng. 2005 Brent E. Smith, P.Eng., Engineers Canada President 2011 2006 Iris Auclair-Bernard, P.Eng. 2007 David D. Crandall, P.Eng. 2008 Tanya D. Horgan, P.Eng./P.Geo. 2009 Eldo E. Hildebrand, P.Eng. 2010 Bruce E. Broster, P.Geo., Geoscientists Canada President 2008 2011 Darryl G. Ford, P.Eng. 2012 Jean A. Boudreau, P.Eng., Engineers Canada President 2020 2013 Mark J. Bellefleur, P.Eng. 2014 Christine E.A. Plourde, P.Eng. 2015 Paul C. Campbell, P.Eng. 2016 Annie E. Dietrich, P.Eng./P.Geo. 2017 Matthew T. Hayes, P.Eng., LLB 2018 Jeffrey A. Underhill, P.Eng. 2019 Serge T. Dupuis, P.Eng. 2020 Marlo Rose, P.Eng.

## **Professional Affairs Committees**

## **Legislation Committee**

As submitted by Hollis Cole, P.Eng., FEC Hollis Cole, P.Eng., FEC, Chair Neill McKay, P.Eng., FEC, Vice-Chair Robin Adair, P.Geo. David Crandall, P.Eng., FEC Mike Gorman, P.Eng. Justine MacLeod, P.Eng. Victor Nowicki, P.Geo., FGC, FEC (Hon.) Brent Smith, P.Eng., FEC



Staff: Carol MacQuarrie, P.Eng., Director of Professional Affairs & Registrar

The Legislation Committee provides advice to Council with respect to changes in the legislation governing the Professions. Proposals to add, amend or remove by-laws or sections of the *Engineering and Geoscience Professions Act* are considered by this Committee.

By-Law amendments originally proposed in 2019 were returned to membership at the 2020 Annual Meeting. This was to correct an oversight from the year before when these amendments had not been sent for electronic ballot following the meeting and were therefore not ratified. These changes along with additional amendments for 2020 were passed by the membership at the 2020 Annual Meeting and both sets of amendments (2019 and 2020) were subsequently sent to electronic ballot where they were officially ratified.

- Life Membership: this revision clarified that Members must be in good standing at the time of eligibility for life membership.
- Only Members who are in Good Standing are eligible to attend and vote at Annual and Special Meetings of the Association and to serve on Committees of Council.
- Board of Admissions Canadian Geoscience Standards Council-A change was made to reflect the revised name of the Canadian Geoscience Standards Council (formerly Canadian Geoscience Standards Board).
- Board of Admissions Canadian Experience- this change reflected current Board of Admissions policy. Experience must include a minimum of one year in a Canadian environment or equivalent.
- Council Publication Protocol This change made the language consistent with the Act. Election results are published in the official publication of the Association.
- Council Transitional Section 9.11.0. and Section 9.12.0. were no longer required.
- The definition of Good Standing was moved from Section 10 (General) to Section 1 (Interpretation).
- Registrants are required to maintain up-to-date contact information.

At the time of writing, the Legislation Committee is considering several by-law amendments for the 2021 Annual Meeting.

The committee also wanted to note that after serving for a total of 36 years on the Legislation Committee and having spent 25 years as Chair, John Bliss retired from the Committee in 2020. John was a valuable resource to the Committee and a strong advocate for progressive self-regulation. Sadly, John passed away in the fall of 2020. We will miss him greatly.

## **Board of Admissions**

#### As submitted by Serge Levesque, P.Eng., FEC

Serge Levesque, P.Eng., FEC, Chair Guida Bendrich, P.Eng., FEC, Vice-Chair Robin Adair, P.Geo. Dwight Ball, P.Geo., FGC, FEC (Hon) Bruce Broster, P.Geo., FGC, FEC (Hon) Clyde Hayward, P.Eng., FEC Eldo Hildebrand, P.Eng., FEC Gobinda Saha, P.Eng. Cathy O'Shea, P.Eng., FEC Christine Plourde, P.Eng., FEC Staff: Kate Sisk, Director of Registration



The Board of Admissions is an independent body comprised of volunteer members appointed by Council and is responsible for the final approval of all admission matters. The Examinations Committee, the Experience Review Committee, and the Internship Committee all report directly to this Board.

During the past 12 months the Board has met 16 times to review a total of 978 files.

The statistics for the membership categories are summarized as follows:

Registrations: 155 Transfers In: 39 Reinstatements: 26 MITs: 170 Licencees: 200 Certificates of Authorization: 65 Resignations: 46 Transfers Out: 39

The Board also reviews and approves the pre-gradation work experience of MITs and the many requests for reductions of dues.

We are saddened to report the passing of 30 Members, the details of which can be found in the Registrar's Report.

This year brought with it exceptional challenges which were addressed through innovative online file review and more frequent (virtual) meetings in response to new public health directives. The Board continues to work toward the move to Competency Based Assessment for both engineering and geoscience applicants.

Thank you to all volunteer members of the Board, the Examinations Committee and the Experience Review Committee for their key role in providing educational screening for applications, as well as the volunteer members of the Internship Committee for their role in guiding and screening the work experience of MITs prior to membership consideration by the Board.

### **Examinations**

As submitted by Evelyn Richards, P.Eng., FEC

Evelyn Richards, P.Eng., FEC, Chair

Frank Collins, P.Eng., FEC, Vice-Chair Roger Boudreau, ing., FIC Bruce Broster, P.Geo., FGC David Coleman, P.Eng., FEC Gabriel Cormier, ing., Ph.D Eric Coffin, P.Eng. Julian Meng, P.Eng., FEC Gérard Poitras, ing., FIC Ted Robak, P.Eng., FEC **Staff:** Kate Sisk, Director of Registration



The Examinations Committee is responsible for investigating the academic credentials of applicants who have obtained their education outside of Canada or who do not hold accredited undergraduate degrees in engineering or geoscience. The Committee also oversees the administration of examinations and the progress of those applicants writing exams.

Academic credentials of each applicant are evaluated against the relevant CEQB Examination syllabi or the Geoscience Knowledge and Experience (GKE) requirements. If necessary, technical or confirmatory exams are assigned. Qualified applicants who are assigned confirmatory exams, but who have significant engineering/geoscience work experience may be referred to the Experience Review Committee (ERC). If the ERC is satisfied by the applicant's performance in a review, it can recommend waiving any or all exams.

The Committee held seven meetings during the past 12 months, both in person and by teleconference. A summary of the activities of the Committee for 2020 follows:

Applicants with active files: 112 New applicants: 58 Confirmatory/Technical Exams Assigned: 101 Exams Written: 10 (Note – May 2020 exams cancelled because of COVID-19.) Exams Failed: 3 Applicants referred to ERC: 7

I thank the Committee members for their dedication, cooperation and the care given to each application. We welcomed Eric Coffin, P.Eng., who replaced Simon Dickinson, P.Eng., and thank Simon for his many years of service. I would also like to acknowledge the APEGNB staff for their assistance, and on behalf of the committee, recognize Kate Sisk for her excellent work in managing the system and its members.

### **Experience Review Committee (ERC)**

As submitted by Angela Rogers, P.Eng. Angela Rogers, P.Eng., Chair Kaveh Ajormandi, P.Eng., Ph.D. David Coleman, P.Eng., FEC Ben Coles, P.Eng., FEC Catherine Wilson, P.Eng. Staff: Kate Sisk, Director of Registration



An experienced applicant may be referred to the ERC by the Examinations Committee following a detailed assessment of that person's academic background. Through a CV review and in person presentation/interview, ERC members assess the extent to which confirmatory examinations may be required prior to acceptance for membership.

Despite the challenges that COVID-19 presented, ERC interviews continued and were primarily conducted virtually. Committee members interviewed 14 applicants from eight different countries. All applicants were recommended for acceptance without any further examinations. In many cases, members were very impressed by the calibre and extent of applicants' professional experience. Members believe these successful applicants have the potential to make a significant contribution to their employers, to the Association, and to their communities here in New Brunswick.

The Committee welcomed new member Catherine Wilson to the team this year and wishes to thank David Coleman for his past service as Chair. Assistance with interviews throughout the year from the following volunteers was also appreciated: Caroline Richer, géosc., Jacques Thibault, géosc., Aaron Bustard, P.Geo., Bruce Broster, P.Geo., Dwight Ball, P.Geo., Tom Sisk, P.Eng.

### Internship

As submitted by Thomas MacNeil, P.Eng., FEC

Thomas MacNeil, P.Eng., FEC, Chair Patricia Dineen, P.Eng., FEC Guida Bendrich, P.Eng., FEC Bethanie Parker, P.Eng., FEC Alexandra Smith, P.Eng., FEC Edwin Savoie, P.Eng., FEC Yves Losier, P.Eng. Serge Dupuis, ing., FIC Michel Pelletier, P.Eng. James Miles, P.Eng. Jessi Jones, P.Eng. Evan Embree, P.Eng. **Staff:** Stamatia Baker, Program Coordinator



The Internship Committee meets monthly to review logbook submissions for those in the Logbook Program, to approve Mentors, and to review Mentor reports for those under the Mentor Program.

This Committee performs two key roles: to work with the Board of Admissions to review and to assess the experience gained by

MITs, and to offer impartial guidance, support and advice to the MITs as they gain experience to become registered professionals.

The Committee reviewed approximately 155 logbooks and 15 Mentor Program applications between October 1, 2019, and September 30, 2020, over the course of eight meetings. We also added two new committee members: Jessi Jones, P.Eng., a Software Engineer with Measurand Inc., and Evan Embree, P.Eng., a Municipal Engineer with CBCL Ltd..

## **Complaints Committee**

#### As submitted by Monique Pelletier, P.Eng.

Monique Pelletier, P.Eng., Chair Don Good, P.Eng., FEC, Vice-Chair Brian Dorcas, P.Eng. Kirk Murray, P.Eng. Roland P. Richard, P.Eng., FEC



Roland P. Richard, P.Eng., FEC James Walker, P.Geo., FGC

Donna MacEwen, QC, Public Representative

Marc-Antoine Chiasson, LLB, Public Representative

**Staff:** Carol MacQuarrie, P.Eng., Director of Professional Affairs & Registrar

The purpose of the Complaints Committee is to investigate and consider complaints from the public and other registrants. In considering complaints, the Committee can recommend several actions, including that the complaint be dismissed, resolved, or referred to the Discipline Committee.

A total of eight formal complaints were received between October 2019 to September 2020. Seven of the complaints were received in October 2019.

All complaints were by the same complainant and pertained to alleged industrial contamination resulting from approvals granted by a provincial government department.

The complaints committee, on review of the seven complaints, determined that there was no jurisdiction and therefore would not be proceeding further. A review by Council, at the request of the Complainant, further determined that the Committee followed the procedures as set out in the Act and Bylaws and therefore, the decision of the committee was considered final.

In May 2020, APEGNB received a complaint involving interactions between a student and a university faculty member. The student alleged professional misconduct in the member's exercise of authority. In this matter, the committee determined that there were other means of rectifying the situation, and if those means determined that the respondent had breached authority, then the committee could consider the matter at that time. After careful consideration, the complaint was dismissed.

In March 2020, Donna MacEwen moved to PEI prompting her resignation as Public Representative. She was replaced by Marc-Antoine Chiasson, also of the firm McInnes Cooper. This position is a critical resource in achieving our mandate of ensuring balance between public interest and fairness in our complaints process.

### **Discipline Committee**

As submitted by Darryl Ford, P.Eng., FEC Darryl Ford, P.Eng., FEC, Chair Erica Gorman, P.Eng. Paul Rennick, P.Geo., FGC Louise Steward, P.Eng. Glendon Wilson, P.Eng., FEC George Fillier, QC, Public Representative



Staff: Carol MacQuarrie, P.Eng., Director of Professional Affairs & Registrar

The purpose of the Discipline Committee is to make findings on complaints against members, licencees, and holders of Certificates of Authorization. A finding of professional misconduct or incompetence may result in sanctions including restricting the right to practice, imposing costs or fines, imposing courses of study, reprimanding, or publishing particulars.

In some instances, the Committee recognizes that it is in the public interest, and the interest of APEGNB, to accept voluntary agreements wherein the individual takes responsibility for misconduct and the sanctions are commensurate with the gravity of the offence. The Discipline Committee conducts its affairs in Panels selected from the Committee members.

In 2020, Erica Gorman, P.Eng., joined the Committee replacing Karine Savoie, P.Eng., who was elected to Council and therefore no longer eligible to be a member of the Discipline Committee.

During the reporting period, there were no new cases referred to the Discipline Committee.

### **Continued Professional Development**

As submitted by Holly Young, P.Eng., FEC Holly Young, P.Eng., FEC., Chair Tanya Horgan, P.Eng./P.Geo., FEC, FGC Nicole McKenna, P.Eng. Brian Moreau, P.Eng. Kevin O'Brien, P.Eng. Michelle Paul-Elias, P.Eng., FEC Staff: Kate Sisk, Director of Registration Staff: Stamatia Baker, Program Coordinator



Continuing Professional Development (CPD) is a mandatory requirement of Members in order to continue to practice in the engineering and geoscience professions. Members must demonstrate a minimum of 80 hours per year, in at least 3/6 categories listed in the Continuing Professional Development Program Guideline. To assist members, an electronic information management tool (the Member Portal) was launched in late 2019. Members are now able to submit CPD activities through the Portal at any time throughout the year.

As of January 2021, members are required to use the Portal for all CPD entries with their complete log entered no later than December 31st annually. If a member is selected for an audit, additional documentation may be requested. If any Member fails to submit their CPD and/or is not compliant with the CPD Program, the Member may be subject to an administrative suspension until fulfilling the requirements of the CPD Program.

As a reminder, failure to comply with the requirements of this Program may result in a Member being struck from the Register and being unable to practice or use the title P.Eng. and/or P.Geo. in New Brunswick.

During the past year, the CPD Committee held three meetings and formalized our Terms of Reference. As 2020 was an unprecedented year, the Committee's focus was on developing documents (Terms of Reference and the administration of legacy files) to assist Council, Committee Members, registrants and staff.

The following is a summary of the activities during the 2020 review period:

#### 28 Satisfactorily Completed\* 15 Unresolved\*\* 4 Self-Selected\*\*\*

- \* Audit finished; submission complete
- \*\* Member submission incomplete or review underway

\*\*\* Member submitted; added to their file but not reviewed

### **Diversity and Inclusion Committee**

#### As submitted by Christine Plourde, P.Eng., FEC

Christine Plourde, P.Eng., FEC, Chair

Maggie Stothart, P.Eng., Vice Chair

Lindsay Bolton, P.Eng.

Patricia Briggs, P.Eng.

Katie Skead, UNB Engineering Outreach Coordinator Gabriel Cormier, P.Eng., U de M Dean of Engineering

Margot Allain Belanger, P.Eng., U de M Engineering Outreach Coordinator

Christy Cunningham, P. Geo., ACEC-NB Executive Director

Jaclyn Currie, P.Eng.

Laura Douglass, EIT Chris Diduch, P.Eng., UNB Dean of Engineering Abigail Garnett, P.Eng. Usha Kuruganti, P.Eng., FEC Jennifer McPhail, P.Eng.

Alexis Smith, P.Eng.

Staff: Lauren Nicholson, Director of Communications

The Objectives of the Diversity & Inclusion Committee are to:

- Promote diversity in the professions and in APEGNB Membership;Support a sustainable membership by increasing the inclusiveness
- of the professions to a more diverse demographic, representative of all New Brunswickers; and,
- Increase and promote women in engineering in support of the Engineers Canada goal of "30 percent by 2030".

Over the past year, the Diversity and Inclusion Committee worked on several initiatives to address these objectives. As you can imagine,

several of our plans for 2020 were delayed by the challenges presented by the pandemic. Despite the challenges, committee highlights during the 2019/2020 year were:

- The creation of the APEGNB organizational diversity statement.
- Sponsoring a WinSETT Leadership Professional Development Series in Fredericton in Fall 2019.
- Establishing the first Women's Lean-In Mentorship Circle in Saint John. There are plans to expand to other branches in 2021.
- Hosting a Diversity and Inclusion Panel prior to the annual meeting in February 2020.
- Developing six engineering and geoscience supplements to be added to the NB grade 3-5 science curriculum in 2021, in conjunction with the Department of Education and Early Childhood Development (EECD).

During the summer, we held virtual Strategic Planning sessions to redevelop our strategy for the next 3-5 years. The three strategies that the committee is currently working on are:

- 1. Engage with youth and educators to demonstrate the value and diversity of engineering and geoscience careers.
- 2. Provide continuing professional development opportunities to our members in support of diversity and inclusion.
- 3. Increase visibility of diversity efforts and evolving representation within the organization.

We would like to thank the committee members and additional volunteers (Raffy Astour, Guida Bendrich, Thomas Chenard, Jeff Earle, Kevin Gallant and Clay Polchies) who helped shape the Strategies and Action Plan for the Committee over the past year.

The Committee is sad to report that Laura Douglass moved on from her position as APEGNB D&I Coordinator and accepted another position outside the organization in late 2020. We would like to express our sincere gratitude for Laura's hard work over the last couple of years. We look forward to working closely with Lauren Nicholson, APEGNB's Director of Communications, to continue to accomplish our objectives over the coming year.

### **Nominating Committee**

#### As submitted by Serge Dupuis, P.Eng., FEC

Serge Dupuis P.Eng., FEC, Chair Christy Cunningham, P.Geo., Geoscience Paul Rennick, P.Geo., Geoscience Dibyendu Debnath, P.Eng., Saint John Diana Loomer, P.Geo., Fredericton Gerard Poitras, P.Eng., Moncton Thomas Chenard, P.Eng., Northwest Philippe Landry, P.Eng., Northeast Staff: Lia Daborn, CEO



The mandate of the Nominating Committee is to provide Council with a list of Members willing to have their name stand for election. The Committee is pleased to announce the candidates for positions for the 2021 Council election as follows:



#### **PRESIDENT:** Maggie Stothart, P.Eng.

VICE-PRESIDENT Michelle Paul-Elias, P.Eng., FEC

#### COUNCILLORS:

- At-Large Councillor Shawn Amberman, P.Eng.
- Northeast District Councillor Benoît Fournier, P.Eng. Joël Olivier, P.Eng. Michelle Roy, P.Eng.
- Saint John District Councillor Bill Woodhouse, P.Eng.
- Geoscientist Councillor Matt Alexander, P.Geo. Adrian Davis, P.Geo.

It should be noted the above list was current as of January. 1, 2021.

As per By-law 9.6.2, "Nominations for office may be made by any Member entitled to vote at an Annual Meeting provided such nomination is made in writing with the Secretary at least sixty days before the Annual Meeting."

The Nominating Committee would like to thank all those who allowed their names to stand for election this year. We appreciate members taking their first step toward a term on Council.



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## **Branch Reports**

## **Fredericton Branch**

Treasurer: Melissa Dawe, P.Eng.

Secretary: Tracey Germon, P.Geo.

#### As submitted by Phil Lamey, P.Eng. Chair: Phil Lamey, P.Eng. Vice- Chair: Melissa Steeves, P.Eng.



Past Chair: Diana Loomer, P.Geo. Communications: Coady Cameron, P.Eng. Provincial Rep: Tammy Lamey, P.Eng. Base Gagetown MEAC Representative: Rodney Normore, P.Eng. UNB EUS Representative: Luc Bouvier Councillor: Bill Lamey, P.Eng. Councillor: Jean-Frederic Lalonde, P.Eng. Councillor: Peter Wedge, P.Eng. Councillor: Christina Varner, P.Eng. Councillor: Kevin Beattie, P.Eng. Councillor: Alain Cormier, P.Eng. Councillor: Rachel Hogge, EIT

Our Annual General Meeting was held in January 2020 and it was a successful event with many guests enjoying the evening. It included a presentation from our guest speaker David Whelbourn from CyberNB, the Mayor of Fredericton, his worship Mike O'Brien and Serge Depuis, APEGNB Past President who also addressed the attendees. We also took advantage of the event to welcome Lia Daborn, the then new CEO.

COVID-19 affected our plans for the year but we are happy to report that our council meetings continued virtually and we continued to plan events that respected all public health guidelines. Instead of a family day at Hartt Island we planned a tubing exursion down the Nashwaak River. Our golf event was able to take place as teams of bubbles booked their own tee time. Thank you to our event organizer, J.F.Lalonde.

Finally our marquee event, the APEGNB Haunted Tour, continued in its 11th year. The planning of this event was a monumental effort to ensure all public guidelines were met and that the safety of participants and guests safety was a top priority.

Congratulations to Bill Lamey for his excellent leadership in making this happen. Close to \$20,000 was raised for local arts programs and operations. What a great accomplishment during a time where the easiest thing to do would have been to cancel!

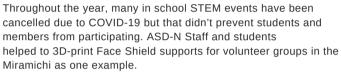
Given the difficulty of the year, I want to thank all our volunteers from the bottom of my heart. I appreciate the way that everyone has adapted and stepped up to ensure that our membership had some sense of normalcy and was able to attend events that are well thought out and planned with the safety of the guests in mind.

Job well done!!

A photo of the waterwheel from the 2020 Pumpkin Fling.

## Northeast Branch

As submitted by Ray Richie, P.Eng. Chair: Ray Ritchie, P.Eng. Vice Chair: Kevin Gallant, P.Eng. Restigouche Representative: Michel Cotton, P.Eng. Northumberland Representative: Mohamed Hossin, P.Eng. Gloucester West Representative: Raphael Roy, P.Eng. Gloucester East Representative: Antoine Legresley, P.Eng. MIT Representative: Maxime Theriault, MIT Communications Director: Kathleen McConnell, MIT P.Geo. Rep (North): Dominique Berube, P.Geo. P. Geo. Rep. (South): Chrissy Williston, P.Geo. Consulting Engineer: Jean Rene Cormier, P.Eng. Secretary: Joey Nowlan, P.Eng. Treasurer: David Henderson, P.Eng.



We had to get creative with our signature event, the Pumpkin Fling. We developed an innovative strategy by providing a virtual Facebook live event with over 5000 engagements through that platform. The live event took place on September 19 and it was filmed to share through Facebook the following weekend. A waterwheel concept was created for the event that helped to launch the branch's Clean Energy agenda. There were a limited number of guests in attendance, including some representatives (students and teachers) from Dr. Losier Middle School.

During our AGM on October 22, the City of Miramichi presented their Climate Change report, which identifies that Greenhouse Gas Reductions are the next step for our local municipalities. James M. Hill High School students also participated at our AGM by demonstrating an off-grid 3D printer for use in the third world. These students plan to do 3D print prosthetics using recycled plastics as a feed source for this off-grid 3D printer. This innovation, at a high school level, demonstrates applied STEM initiatives for international off-grid development.

The Northeast Branch Executive of APEGNB was so impressed with the Clean Energy file presented that they decided it was time to form a separate committee to help communities in the Northeast. Our Clean Energy Community team will review case studies from other provinces and countries as well as governmental policies to help blend ecosystems and power generation. This committee is discussing potential projects with electrical vehicle charging stations, mini-split conversions and battery bank integrations, to name a few.





#### **Outreach Committees- Reports**

### **Moncton Branch**

#### As submitted by Julien Caissie, P.Eng.

Chair: Julien Caissie, P.Eng.

Vice-Chair: Dani LeBlanc, EIT Treasurer: Sigourney Stott, P.Eng. Secretary: Jacqueline Jordan, P.Eng. Past Chair: Emilie Pellerin, P.Eng. Communication: Richard LeBreton, P.Eng.



Signature Event Chair: Jérémie Aubé, P.Eng. Signature Event Vice-Chair: André-Michel Léger, P.Eng. Social Committee: Michel Bourgoin, P.Eng. Social Committee: Stéphane Richard, P.Eng. Professional Development: Arsham Ahmadi, P.Eng. Councillor: Serge Doucet, P.Eng. Councillor: Rémi Valdron, P.Eng. Provincial Councillor: Jérémie Aubé, P.Eng.

Over the last fiscal year, the Moncton Branch hosted three events for our members. Our first event, the Members Reception, was held in February at St. James' Gate in Dieppe. We had a great turnout despite the stormy weather. Our second event was a professional development presentation on Marine Renewable Energy held at Université de Moncton (Faculty of Engineering) in early March.

Due to the pandemic, we were not able to have our AGM in person as planned but instead opted to have our first virtual AGM by means of teleconference. In addition to contributions toward Branch events, we donated two \$1,000 scholarships to engineering students.

The branch was not able to have some of our signature events such as the Soapbox Derby, Golf Tournament and Lobster Supper, due to COVID-19 restrictions. That said, we are currently looking at new ways to create events for our members. Stay tuned!

Many of our events would not be possible without the help of volunteers. A big thank you to everyone in the Moncton Branch for all your hard work.

### Saint John Branch

#### As submitted by Dibyendu Debnath, P.Eng.

Chair: Dibyendu Debnath, P.Eng., Vice-Chair: Greg Donovan, P.Eng. Treasurer: Rachel van Wart, P.Eng., Secretary: Theresa Winslow, P.Eng. Communications: Alex Bardsley, P.Eng. Marlo Rose, P.Eng., APEGNB President



Jeffrey Underhill, P.Eng., FEC, APEGNB Saint John Councillor Michelle Paul-Elias, P.Eng., FEC, APEGNB At-Large Councillor Councillor: Tanya Horgan, P.Eng./P.Geo., FEC / FGC Councillor: Lipika Nath, EIT Councillor: Jessica Davis, EIT Councillor: Kelsey Cronin-McKenna, EIT Councillor: Beth Giroux, EIT Councillor: Bryna McMurtrie, EIT Councillor: Mark Guest, P.Eng. Perry Riley, P.Eng., UNBSJ Faculty Representative Abby Snodgrass, UNBSJ Student Representative

In 2020, the global situation around COVID-19 impacted many organizations, and APEGNB Saint John Branch was no different. Earlier this year, the Saint John Branch held our annual general meeting for the fiscal year 2019, on Thursday, February 6th.

The attendance for the AGM was significantly higher than previous years. A noted change was that the former branch fiscal year ran from September to August with the AGM taking place in the fall. Moving forward, the new fiscal year will follow the calendar year. Our 2020 AGM was followed by a professional development session on "Engineering Law and Ethics". Attendee responses were positive and highly supportive. The Saint John branch is committed to supporting the engineering student community and has funded a group of UNB Saint John engineering students to take part in the Atlantic Engineering Competition in January 2021.

We are also working with the APEGNB council to host an online professional development session for all APEGNB members.



Saint John Branch Professional Development session.

### **Northwestern Branch**

Chair: Thomas Chenard, EIT Co-chair: Dari Beaupré, EIT Provincial Councillor: Karine Savoie, P.Eng.

Like other branches, the implications of COVID-19 hit the Northwest branch as well. Our Annual Meeting was held on on May 7, 2020, where there were committee elections, and discussions of branch activities moving forward. Despite the global pandemic situation, we did hold our annual golf tournament in August and were impressed with the turnout.

A branch meeting was held mid-September where we discussed a proposal to start a project with the St-Basile regional school, including outreach and presentations to students.

We are currently looking at ways to increase our active membership.

## Support Committees & Working Groups

### **2020 Centenary Committee**

As submitted by Michelle Paul-Elias, P.Eng., FEC Michelle Paul-Elias, P.Eng., FEC, Co-Chair

Jeffrey Underhill, P.Eng. FEC, Co-Chair

Tammy Lamey, P.Eng. Tanya Horgan, P.Eng./P.Geo., FEC, FGC Holly Young P.Eng., FEC Maggie Stothart, P.Eng. Jean Boudreau, P.Eng., FEC



## Staff: Lia Daborn, CEO

APEGNB marked an incredible milestone in 2020, the celebration of our 100th Anniversary of serving the public interest through the selfregulation of the engineering and geoscience professions. As such, in anticipation of our milestone, a 2020 Committee was formed to create a year of celebrating 100 years of self-regulation in NB. Our celebratory focus included promoting the professions(s) to N.B. youth, highlighting diversity and inclusion within the professions, and celebrating our past achievements while enthusiastically looking toward the future.

Unfortunately, we had to cancel the Gala and the celebratory banquet. The Committee decided to pivot and as a result, put focus on the videos of Past-Presidents. We used these short videos as promotional material on our social media platforms to share our excitement in recognizing our centenar. I encourage you to watch and enjoy them.

Our youth STEM initiative felt the impact of COVID-19 as well. APEGNB was successfully able to engage and encourage the N.B. youth by sponsoring STEMfest projects before being cut short due to the COVID-19 pandemic related school closures. Overall, we were pleased with what we were able to accomplish. Building our future legacy is key to encouraging and shaping our young future leaders!

Our Committee also continues to celebrate our centenary by issuing a call for designs of a centennial outdoor sculpture. Requirements for the permanent art installation include design and production in New Brunswick that will represent the professions of engineering & geoscience in New Brunswick. The selected work will reside at the Association office. Stay tuned for more details on the unveiling!

Finally, I would like to personally thank the 2020 committee and staff who were flexible and willing to pivot on our plans this year. Thank you again for your efforts.

## **Public Representative**

As submitted by David Crandall, P.Eng., FEC David Crandall, P.Eng., Chair Bruce Broster, P.Geo., FGC, FEC (Hon.) Serge Desjardins, P.Eng. Marty Gordon, P.Eng. Staff: Lia Daborn, CEO



The members of the Public Representative Committee seeks suitable candidates as a Public Representatives of the Association. The Committee identifies potential candidates who bring a different point of view and understanding to Council, which is valuable to its functioning.

There was no vacancy in the Public Representative position for 2021.

### **Awards**

#### As submitted by Serge Dupuis, P.Eng., FEC

Serge Dupuis, P.Eng., FEC, Chair William Paterson, P.Eng., Vice-Chair Vernon Banks, P.Geo. David Crandall, P.Eng., FEC John Gallant, P.Eng. Holly Young, P.Eng., FEC Spencer Devereaux, P.Eng Staff: Lia Daborn, CEO



It is the mandate of the Awards Committee to source and review nominations for various awards offered by the Association.

The Awards Committee also includes the awards subcommittee. Its members start the process by looking for nominations from membership and bringing these candidates forward to the Committee. The subcommittee held several conferences calls before bringing the results to the Committee for approval.

The Committee met and is pleased to put forward the following Awards for 2020-2021:

- CC Kirby: David Crandall, P.Eng., FEC
- President's Award: Darryl Ford, P.Eng., FEC
- · Community Leadership: Paul Campbell, P.Eng., FEC

Thank you to the Awards Committee and awards sub-committee members for their time and effort, and congratulations to all of our deserving award recipients.

### Foundation for Education Inc.

#### As submitted by Stephenson Wheatley, P.Eng., FEC **BOARD OF DIRECTORS**

Stephenson Wheatley, P.Eng., FEC, Chair

Bruce Broster, P.Geo., FGC, FEC (Hon), Vice Chair

Dallas Davis, P.Eng., FEC Eldo Hildebrand, P.Eng., FEC Usha Kuruganti, P.Eng., FEC Gabriel LaPlante, P.Eng. Deborah VanSlyke, P.Eng. John Wheatley, P.Eng., FEC EX OFFICIO



Lia Daborn, CEO & Jocelyn Durette, CPA, CA

The APEGNB Foundation for Education provides scholarships to students in both undergraduate and post-graduate university programs, supported by the Foundation's invested funds.

The total amount of scholarships provided by the Foundation is \$50,000, through 13 individual scholarship awards. The awards are traditionally recognized at in person events, however this looked a bit different for each presentation in 2020.

The Foundation's capital investments currently exceed one million dollars. In a difficult economic scenario, the funds have, to date, achieved positive returns.

Following an investment management review process, the majority of the Foundation's investments will be managed by BMO Nesbitt Burns, while CIBC Wood Gundy manages the Ottis I. Logue Graduate Scholarship funds.

The generosity of APEGNB Members, and others, contribute additional funds to the Foundation annually. In the fall of 2020, a special fundraising campaign, "\$100 for the 100th Anniversary", was launched with the goal of funding an additional scholarship that recognized the 100th anniversary of the APEGNB.

The support of APEGNB's membership, in particular life and retired members, continues to be key in growing scholarship funding.

Although the APEGNB fiscal year ends September 30, the Foundation's fiscal year continues with the calendar year. Therefore the financial statements, reviewed by the Foundation's accountants Bringloe Feeney LLP, in this publication, are for the fiscal year ending December 31, 2019. Copies of the 2020 statements will be available at the APEGNB Annual Meeting.

All APEGNB Members are encouraged to consider the Foundation in their charitable giving, estate planning, and life insurance management. The Foundation would welcome discussions on the options available.

### **Finance and Audit Committee**

#### As submitted by David Crandall, P.Eng., FEC

David Crandall, P.Eng., Chair

Maggie Stothart, P.Eng. Vice-Chair Bruce Baird, P.Eng. Jean Boudreau, P.Eng., FEC Thomas Chenard, P.Eng. Dibyendu Debnath, P.Eng. Leslie Knox, CPA Marlo Rose, P.Eng. Stephenson Wheatley, P.Eng.



Staff: Lia Daborn, CEO & Jocelyn Durette, CPA, CA

In 2020, APEGNB Council expanded the Audit Committee's responsibilities to include investment fund performance. The committee's name was changed to the Finance and Audit Committee and was announced at the 2020 annual meeting. The Committee is divided into the Audit and Finance Sub-Committees with the Chair serving on both Sub-Committees.

The Finance and Audit Committee's purpose is to provide a transparent process of review and disclosure that enhances stakeholder confidence in the organization's financial reporting and investments; to review the adequacy and effectiveness of these activities; and to assist Council in its oversight of:

- 1. The integrity of APEGNB's financial reporting and disclosure processes
- 2. The appointment of the external auditors including their qualifications and independence
- 3. The performance of APEGNB's management and appointed auditors
- 4. The adequacy and effectiveness of internal controls
- 5. Risk management
- 6. Investment fund performance

The Committee meets guarterly with the CEO and the Director of Finance & Administration to review the financial and investment statements.

The Association received a clean audit, and the Auditor stated that staff was well prepared and accommodating during the audit process. The Chair met privately with the Auditors regarding any issue(s) in relation to senior staff, and issues identified were very minor and typical for most non-profit professional associations.

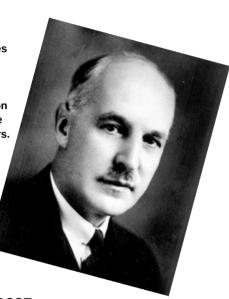


## **2020 - Our Centennial Year** Celebrating 100 years of Excellence and Innovation

For 100 years we have been safeguarding the people of New Brunswick. We establish and maintain the standards of knowledge and required skills through adherence to a code of ethics, as well as our regulatory act and by-laws. It's been an everchanging industry, yet our purpose remains the same - to protect the New Brunswick public through self-regulation.



In 1920, founding president Charles Conyers Kirby established the Association of Professional Engineers of New Brunswick to regulate the engineering profession in the province. That first year the Association registered 92 engineers.





1927

Wallace Rupert Turnbull has been called "Canada's most famous aeronautical engineer". His invention of the variable pitch propeller, tested in flight in 1927, made it possible for airplanes to take off with larger loads and fly more economically.





#### 1987

In honour of celebrating 100 years of engineering being an organized profession in Canada, the Association of Professional Engineers of New Brunswick created a mobile exhibit, *Engineering in New Brunswick: The past, the present and the future.* This exhibit travelled around the province during the spring and summer of 1987.







**1998** Pat Dineen, P.Eng., became the first female President of the Association.



#### 1999

In 1999, the Association of Professional Engineers of New Brunswick took responsibility of regulating New Brunswick's geoscience profession. The Association then became known as the Association of Professional Engineers and Geoscientists of New Brunswick - APEGNB for short.







In September of 2007, the APEGNB provincial office moved to 183 Hanwell Road in Fredericton.

2010



In 2010, APEGNB celebrated its 90th Anniversary of regulating the Engineering and Geoscience Professions in New Brunswick.



## TODAY

The Engineering and Geoscience professions are more dynamic and diverse than ever. As we look back at our history of safety, innovation and building New Brunswick, we can't help but wonder what the next 100 years will look like.



## APEGNB BUDGET 2021

REVENUE	2020 BUDGE	T 2021 BUD	GET
Affinity Annual Meeting	70,000.00 12,000.00	80,000.00 10,000.00	
Certificate of Authorization	230,000.00	235,000.00	
Exams Investment Revenue	45,000.00 50,000.00	40,000.00	
Licencees	328,000.00	320,100.00	
Membership Registration	1,070,000.00 100,000.00	1,037,900.00 97,000.00	
Sundry	25,000.00	25,000.00	
Total Revenue	\$1,930,000.00	\$1,845,000.00	
EXPENSES			
<b>Operating</b> Building - Maintenance	32,000.00	38,000.00	
Computer / Furniture	25,000.00	20,000.00	
Computer Maintenance	15,000.00	20,000.00	
Depreciation Insurance	75,000.00 10,000.00	50,000.00 11,000.00	
Investment Management Fee			
Office	35,000.00	42,000.00	
Postage	35,000.00	35,000.00	
Printing Professional Fees	13,000.00 10,700.00	9,000.00 11,000.00	
Property Taxes	38,500.00	41,000.00	
Salaries & Benefits	850,000.00	825,000.00	
Bank Service Fees	40,000.00	55,000.00	
Telephone	25,000.00	27,000.00	
Communications			
Communications	100,000.00	100,000.00	
Website and Electronic Com Govt Relations	ms 35,000.00	7,500.00 35,000.00	
Outreach Coordinators	60,000.00	60,000.00	
Outreach & Sponsorship	30,000.00	30,000.00	
Project Funding	40,000.00	55,000.00	
2020 Centenary			
Member Services			
Annual Meeting	40,000.00	45,000.00	
Awards Branch Funding	7,500.00 52,500.00	4,000.00 52,500.00	
Certificates & Seals	18,000.00	18,000.00	
Committees	30,000.00	20,000.00	
Council	50,000.00	40,000.00	
Diversity & Inclusion Exams	36,000.00 45,000.00	20,000.00	
Translation	7,500.00	45,000.00 20,000.00	
Travel	45,000.00	35,000.00	
Other			
Act & By-Law Revision	2,500.00	1,000.00	
EC/GC Assessment	72,000.00	67,000.00	
Legal & Act Enforcement Professional Development	15,000.00	15,000.00 10,000.00	
Miscellaneous	20,000.00	20,000.00	
Secondary Liability Insurance		27,000.00	
Total Expenses	1,940,200.00	1,911,000.00	
NET INCOME (DEFICIT)	-10,200.00	-66,000.00	

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## **2020 ANNUAL MEETING** MINUTES

Saint John Trade & Convention Centre February 21, 2020

#### AM 20/1.0 Call to Order

President: Serge Dupuis, P.Eng. President-Elect: Marlo Rose, P.Eng. CEO and Secretary-Treasurer: Lia A. Daborn

Members, Members-in-training in attendance at the Annual Meeting totaled 74. Guests:

- Janet Bradshaw, P.Eng., CEO & Registrar, PEGNL
- Kris Dove, P.Eng., Chief Operating Officer & Treasurer, Engineers Nova Scotia •
- David Goosney, P.Eng., Chair, PEGNL
- Jim Landrigan, P.Eng., Executive Director and Registrar for Engineers PEI
- David Lynch, P.Eng., President, Engineers Canada
- Pal Mann, P.Eng., Chief Executive Officer of Engineers Nova Scotia •
- Jeff Parks, P.Geo., FGC, President, Geoscientists Canada ٠
- André Veinotte, P.Eng., President of Engineers Nova Scotia

The 100th Annual Meeting of the Association of Professional Engineers and Geoscientists of New Brunswick was called to order by President Serge Dupuis, P.Eng.

There being a quorum present, the meeting commenced at 2:05 pm with a proclamation from Delancy's brigade, followed by a land acknowledgement. The President was in the Chair with CEO Lia Daborn serving as Secretary. The Chair asked all to rise and observe a moment of silence in memory of APEGNB members and members-in-training who had passed away since the last annual meeting.

- Maurice A. Alarie, P.Eng.
- William (Bill) Barrett, P.Eng.
- Graham L. Bartlett, P.Eng. •
- Paul S. Belyea, P.Eng.
- M. Ross Brophy, P.Eng.
- Ralph M. Francis, P.Eng.
- Gerald J. Gaudet, P.Eng.
- Guy P. Gaudet, P.Eng. ٠
- James Robert Gillies, P.Eng. •
- Gerhard H. Gloss, P.Eng.
- Thomas F. Gorman, P.Eng.
- R. Edward Haggerty, P.Eng.
- Lennox Harriott, P.Eng.
- Gary Hatchard, P.Eng. •
- Douglas G Hayward, P.Eng. •
- John H. Johnson, P.Eng.
- John P. L'Aventure, P.Eng
- Nicholas W. Levandier, P.Eng.
- Jacques Mallet, P.Eng.
- Lloyd L. Marshall, P.Eng.
- Dr. Salem Masry, P.Eng. • Christopher I. McCoy, P.Eng.
- A. Robert McLure, P.Eng.
- Gerald A. O'Brien, P.Eng.
- James F. Piercy, P.Eng.
- G. Delmar Reeleder, P.Eng. ٠
- Jean-Jacques Roy, P.Eng.
- Edward H. Smith, P.Eng.
- J. Roscoe Snodgrass. P.Eng. ٠
- Michael L. Staples, P.Eng.
- John G. Steven, P.Eng. ٠
- John W. Swan, P.Eng.
- Edward W.J. Thornton, P.Eng. ٠
- Timothy C. Webb, P.Geo.
- David J. Wilson, P.Eng. •
- James E. Wright, P.Eng.

#### AM 20/2.0 Approval of Agenda

It was m/s (Brent Smith/Tanya Horgan) that the agenda be approved with the Chair having the authority to change the order to accommodate the needs of the meeting

#### MOTION CARRIED

President Serge Dupuis, P.Eng. introduced the Presidents and CEO / Executive Directors from Associations in attendance.

#### AM 20/3.0 Minutes – Annual Meeting February 22, 2019

It was m/s (Matt Alexander/Holly Young) that the minutes of the February 22, 2019 Annual Meeting be approved as printed on pages 24-26 of the 2019 Annual Report.

Discussion: Brent Smith asked for an update of the previous meeting's discussion for a task force to consider Certificates of Authorization for all organizations doing engineering. (added to New Business)

#### **MOTION CARRIED with 2 abstentions**

#### AM 20/4.0 Business Arising from the Minutes

The President noted that the bylaws would next proceed for a vote by the full membership and that all present should plan to vote electronically in the coming week.

Hollis Cole, P.Eng., FEC presented the proposed By-Law changes and noted that due to an oversight, the 2019 changes that had been approved by the membership at the previous annual meeting, had not been ratified by the membership. They are therefore being brought back for a new vote. There are no changes to the original proposed changes, and members were advised of this situation in November. Mr. Cole noted that a second set of changes was proposed for 2020 and those changes were circulated to the membership and made available on the APEGNB website in early January. Many of the changes are 'housekeeping'.

It was m/s (Hollis Cole/Tammy Lamey) that the changes to the bylaws proposed for 2019 be approved.

#### MOTION CARRIED

It was m/s (Hollis Cole/Brent Smith) that the changes to the bylaws proposed for 2020 be approved.

#### MOTION CARRIED

Hollis Cole informed the members about John Bliss, P.Eng., FEC, a member since 1957. He chaired the Legislation Committee from 1982-2007 and has since continued to be a member for a total of 36 years. He served as volunteer Registrar from 1980-2013. Mr. Cole thanked him personally and on behalf of the membership for his long-term service. The President thanked Mr. Cole and noted that volunteers are the backbone of the organization.

#### AM 20/5.0 President's Report

President Serge Dupuis, P.Eng. referred the meeting to his report on page 3 as printed in the 2019 Annual Report. He reflected on his experience during the year. It was m/s (Thomas Chenard/Shawn Amberman) that the President's Report be accepted.

#### MOTION CARRIED

#### AM 20/6.0 Chief Executive Officer's Report

CEO Lia Daborn referred the meeting to her report on page 4 as printed in the 2019 Annual Report. She provided a brief overview of her experience with the association to date.

It was m/s (Thomas Chenard/Maryse Doucet) that the Chief Executive Officer's Report be accepted.

#### MOTION CARRIED

#### AM 20/7.0 Audited Financial Statements

It was m/s (Georges Roy/Mireille Vautour) that the Financial Statements be accepted as printed.

Thomas Chenard asked whether the investment strategy aligns with the Code of Ethics for engineers and geoscientists – to work to protect the environment in a sustainable way, ethical investments or the public. We have a lot of money invested and we do not know where it is invested. Do we have the same expectation of the funds in which we invest and whether they meet our code of ethics?

John Wheatley noted that the Foundation has about 50% of the investments which are currently managed by two investment companies – Manulife Canada and CIBC Wood Gundy. The Foundation has updated the investment policy but it does not include a reference to the types of companies that are invested in. We have a very conservative investment policy, similar to a pension fund.

Paul Morrison responded that the policy requires the investment companies to state how they meet the requirements. The investments held are pooled funds and not in direct companies. We rely on the investors to do research and invest on our behalf. Thomas Chenard responded that the investment managers should be able to tell us where the funds are invested. If we are investing in a conservative manner, could we look for sustainable funds that would be ethical and continue to protect the funds.

Dip Debnath asked about the 2019 investments noted on the Statement of Operations where there was a loss of \$62,000 and asked whether there is a policy that reviews the performance of the investors and how they manage the funds. President Serge Dupuis responded that Council has revamped the Investment Policy and this includes oversight. A new request for proposals was issued for investment companies.

A comment was made about the expenses listed in the 2020 budget which reflects a depreciation of assets but does not match the amounts listed in Note 2. This should be more closely evaluated.

#### MOTION CARRIED

President issued a call for volunteers to participate on committees.

#### AM 20/8.0 Registrar's Report

President Serge Dupuis, P.Eng. referred the meeting to the Registrar's Report on pages 8-9 as printed in the 2020 Annual Report.

It was m/s (Gary Hoadley/Paul Morrison) that the Registrar's Report be accepted.

#### MOTION CARRIED

#### AM 20/9.0 Reports - Committees, Boards and Branches

The President introduced the reports of all committees and task forces of the Association, and directed members' attention to the Annual Report. He presented them for approval in groups.

#### 9.1 Professional Affairs Committees

Board of Admissions- Serge Levesque, P.Eng. Complaints- Monique Pelletier, P.Eng. Continued Competency- Holly Young, P.Eng. Discipline- Darryl Ford, P.Eng. Examinations- Evelyn Richards, P.Eng. Experience Review- David Coleman, P.Eng. Internship- Tom MacNeill, P.Eng. Legislation- Hollis Cole, P.Eng. Nominating- Jeffrey Underhill, P.Eng.

It was m/s (Michelle Paul Elias/Brent Smith) that the Professional Affairs Committee reports be accepted.

#### MOTION CARRIED

#### 9.2 Outreach Committees

Climate Change- Serge Dupuis, P.Eng. Diversity & Inclusion- Christine Plourde, P.Eng. Fredericton Branch- Phil Lamey, P.Eng. Moncton Branch- Emilie Pellerin, P.Eng. Northeast Branch- Ray Ritchie, P.Eng. Northwest Branch- Thomas Chenard, MIT Public Interest Action- Bruce Wilson, P.Eng. Saint John Branch- Dibyendu Debnath, P.Eng.

It was m/s (Tanya Horgan/Anne-Marie Laroche) that the Outreach Committee reports be accepted.

Marissa Christianson asked for details about the 30 by 30 initiative. Laura Douglass (APEGNB Diversity & Inclusion Coordinator) replied that the committee has been working in three areas: Recruitment (outreach to girls in the school system; working to support other existing initiatives), Retention (creating mentoring groups among practicing professionals) and Professional Development (WINSETT workshops).

#### MOTION CARRIED

#### 9.3 Association Support Committees

2020- Michelle Paul-Elias, P.Eng. & Jeffrey Underhill, P.Eng. Audit- David Crandall, P.Eng. Awards- Jeffrey Underhill, P.Eng. Engineers Canada- Jean Boudreau, P.Eng. Geoscientists Canada- Michael Parkhill, P.Geo. Public Representative- David Crandall, P.Eng.

It was m/s (Matt Alexander/Keith Brideau) that the Association Support Committee reports be accepted.

#### MOTION CARRIED

President Serge Dupuis, P.Eng. asked David Lynch, P.Eng., FEC, President of Engineers Canada to bring greetings on behalf of Engineers Canada. Mr. Lynch commented on the activities and role of Engineers Canada. The national organization provides assistance and support to help the Regulators do their job in regulating the profession of engineering. Engineers Canada also works to promote the interest, honor and integrity of the profession. The main areas of focus include accreditation of engineering programs across the country. APEGNB provides leadership through the Accreditation Board Chair Luigi Benedicenti, P.Eng. and Anne-Marie Laroche, P.Eng. The Qualification Board provides services for registration of internationally educated graduates, including development of syllabi, methods of assessment, and position statements. Frank Collins, P.Eng. is a key board member.

David Lynch recognized Jean Boudreau, P.Eng. who will be President of Engineers Canada at the end of May. In a self-regulating profession, important to have good participation.

President Serge Dupuis, P.Eng. asked Jeff Parks, P.Geo., President of Geoscientists Canada to address the membership on behalf of the organization. He reported on many interesting projects including the admissions support project and the internationally-educated self-assessment project. The Geoscience in Canada publication is broadly available and used in education system.

President Serge Dupuis commented on both national presidents being from NB in coming year.

#### AM 20/10.0 Special Items

President reminded members about the member portal and continuing professional development.

#### 10.1 100th Anniversary Celebration

Michelle Paul-Elias, P.Eng., 2020 Committee Co-Chair updated the Membership on the plans for the 2020 anniversary celebration. She noted that the committee had received 136 submissions for the STEM project competition.

#### AM 20/11.0 Ratification of the Actions of Council

It was m/s (David Crandall/Jacques LeBlanc) that the Actions of Council for the past year be ratified.

MOTION CARRIED

#### AM 20/12.0 Scrutineers' Report

CEO Lia Daborn presented the results of the 2020 election as prepared by the Scrutineers Eldo Hildebrand, P.Eng., FEC and Christine Plourde, P.Eng., FEC.

- Marlo Rose, P.Eng. President
- Vice- President Maggie Stothart, P.Eng.

Joining Council by appointment will be:

- Tammy Lamey, P.Eng. Eredericton
- Moncton Jérémie Aubé, P.Eng.
- Northwest Karine Savoie, P.Eng. Marvse Doucet, P. Eng.
- At-Large

Total Ballots Cast: 1048

It was m/s (Mike Parkhill/Iris Auclair-Bernard) that the Scrutineer's Report be accepted.

#### MOTION CARRIED

Serge Dupuis announced the full Council for 2020. He called for individuals interested in running for next year to contact him directly.

#### AM 20/13.0 Disposal of Ballots

It was m/s (Brent Smith/Tammy Lamey) that the ballots from the 2020 election be destroyed.

#### MOTION CARRIED

#### AM 20/14.0 Installation of New Officers

The Chair was passed to Marlo Rose, P.Eng. and Ms. Rose recited the Oath of Office.

#### AM 20/15.0 President-Elect Policy Statement

**APEGNB** members. feel confident with

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President-Elect Marlo Rose, P.Eng. expressed her appreciation for the opportunity to serve for the coming year and referred the meeting to her President-Elect statement as printed on page 13 in the 2019 Annual Report. She noted that she is very excited to be leading the next chapter of the organization.

It was m/s (Philippe Landry/Maryse Doucet) that the President-Elect Statement be accepted.

#### MOTION CARRIED



#### AM 20/16.0 Presentation of 2020 Budget

CEO Lia Daborn presented the 2020 budget to the Members for information.

#### AM 20/17.0 Appointment of Auditors – 2020

It was m/s (Holly Young/Brent Smith) that Bringloe Feeney LLP be appointed as Auditors for 2020.

#### MOTION CARRIED

#### AM 20/18.0 New Business

Thomas Chenard thanked APEGNB for building the portal for professional development. He commented that there would be an opportunity for the branches to have more people involved by holding professional development events. He asked Council to consider creating a fund for all the branches in the province (suggested \$60K) to support local professional development for the members.

The President responded that the idea is interesting and will be left to the new Council to consider. He noted as well that the new strategic plan includes a key element related to professional development.

Brent Smith asked about the status of the work on the Certificate of Authorization.

The President responded that Council was in the process of putting a committee together and this has not been addressed as of yet.

Hollis Cole asked Council to consider discussing the possibility of changes to selfregulation as has happened in BC.

The President responded that Council is well aware of the changes in BC, and that outlook for the next 100 years is focused on maintaining self-regulation.

Dib Debnath commented that it is easier for branches to organize local professional development events but that a common platform (e.x., video-streaming) would allow the branches to use them and share content across the province.

#### AM 20/19.0 Adjournment

It was m/s (Holly Young/Tanya Horgan) that the Annual Meeting adjourn at 3:30 pm.



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## APEGNB FINANCIAL STATEMENTS SEPTEMBER 30, 2020



APEGNB ANNUAL REPORT 2020

Statement of Financial Position As at September 30, 2020

		2020	2019
ASSETS			
Current			
Cash (note 3)	\$	179,406 \$	173,980
Short term investments (note 4)		1,189,843	1,059,440
HST receivable		14,276	17,415
Prepaid expenses		64,600	54,529
		1,448,125	1,305,364
Capital assets (note 5)		947,650	961,612
	\$	2,395,775 \$	2,266,976
LIABILITIES			
Current			
Accounts payable and accrued liabilities	\$	53,648 \$	59,899
Deferred revenue (note 6)		448,736	440,815
		502,384	500,714
NET ASSETS			
Unrestricted		1,893,391	1,766,262
	¢	2 305 775 ¢	2,266,976
	φ	2,395,775 \$	2,200,970

#### Approved

Rose C President Secretary - Treasurer



Schedules to Financial Statements Year ended September 30, 2020

Schedule of operating				Schedule
		2020	2020	2019
		Actual	Budget	Actual
Salaries and benefits	\$	816,741 \$	850,000 \$	857,602
Depreciation		61,947	75,000	44,792
Service fees		46,342	40,000	42,880
Postage		41,009	35,000	39,480
Property tax		39,152	38,500	38,364
Office		37,198	35,000	44,579
Computer maintenance		27,262	15,000	15,449
Building maintenance		25,626	32,000	36,270
Computers and equipment		20,556	25,000	16,14
Printing - office		19,006	13,000	8,74
Telephone		18,792	25,000	24,109
Professional fees		13,786	10,700	10,70
Insurance		9,954	10,000	9,39
	\$	1,177,371 \$	1,204,200 \$	1,188,53
Schedule of member services				Schedule
		2020	2020	2019
	_	Actual	Budget	Actua
Branch funding	\$	52,500 \$	52,500 \$	52,50
Council meetings		48,475	50,000	56,26
Exam expenses		32,672	45,000	44,38
Annual meeting		29,953	40,000	35,99
Fravel		27,018	45,000	51,85
Translation		25,809	7,500	12,45
Certificates and seals		19,076	18,000	16,92
Committee meetings		17,618	30,000	28,72
		14,728	36,000	18,50
Diversity and inclusion		14,375	35,000	28,57
		14,575		
Diversity and inclusion	_	1,434	7,500	7,042



Statement of Operations Year ended September 30, 2020

	2020	2020	· 2019
	 Actual	Budget	Actual
Revenues			
Membership dues	\$ 1,066,247 \$	1,070,000 \$	1,052,536
Licencees	341,573	328,000	327,914
Certificate of Authorization fees	241,646	230,000	234,953
Registration fees	118,821	100,000	127,069
Affinity revenue	79,055	70,000	74,742
Exam fees	52,675	45,000	53,948
Sundry	24,863	25,000	29,839
Annual meeting	 11,565	12,000	11,690
	 1,936,445	1,880,000	1,912,691
Expenditures Operating (Schedule 1)	1,177,371	1,204,200	1,188,530
Member services (Schedule 2)	283,658	366,500	353,227
Communication (Schedule 3)	188,883	230,000	137,585
Other (Schedule 4)	 102,785	134,500	121,621
	 1,752,697	1,935,200	1,800,963
Excess (deficiency) of revenues over expenditures from operations	183,748	(55,200)	111,728
Other income (expenses) Investment income	37,720	50,000	43,064
Gain on sale of marketable securities	4,441	30,000	43,004
Investment management fees	(6,499)	(5,000)	(7,060)
Unrealized losses on investments	(92,281)	(3,000)	(63,075)
Officanzed losses on investments	 (92,201)		(03,075)
	 (56,619)	45,000	(25,954)
Excess (deficiency) of revenues over expenditures	\$ 127,129 \$	(10,200)\$	85,774



Statement of Cash Flows Year ended September 30, 2020

		2020	2019
Operating activities			
Received from members	\$	1,944,366 \$	1,940,978
Received from investments		23,417	26,468
Payments to suppliers and employees		(1,703,934)	(1,787,209)
		263,849	180,237
Investing activities			
Purchase of capital assets		(47,984)	(26,589)
Purchase of investments		(360,127)	(1,025,800)
Proceeds from sale of investments		149,688	882,065
	_	(258,423)	(170,324)
Change in cash position		5,426	9,913
Cash, opening		173,980	164,067
Cash, closing	\$	179,406 \$	173,980



Notes to Financial Statements September 30, 2020

#### 1. Nature of operations

Association of Professional Engineers and Geoscientists of New Brunswick is continued as a not-for-profit corporation without share capital under the New Brunswick Engineering and Geoscience Professions Act (2015) and is exempt from tax under section 149(1)(1) of the Income Tax Act.

The objectives of the Association are to:

(a) regulate and govern the Professions in accordance with the Act, by-laws and rules;

(b) establish and maintain standards of knowledge and skill for the practice of the Professions; and

(c) establish and maintain standards of professional ethics for the practice of the Professions;

in order that the public interest may be served and protected.

#### 2. Significant accounting policies

These financial statements are prepared in accordance with Canadian accounting standards for not-for-profit organizations. The significant accounting policies are detailed as follows:

(a) Cash and cash equivalents

Cash and cash equivalents consist of cash held at a chartered bank as well as cash held within investment accounts.

(b) Revenue recognition

Membership dues, licensee fees, certificates of authorization and registration fees are paid annually and are recognized in the year which they are earned. Fees received that relate to a future period are deferred and recognized in the subsequent period.

Investment income is recognized as revenue on an accrual basis.

Revenues from advertising, annual meeting, and other are recognized when the services are provided.



Notes to Financial Statements September 30, 2020

#### Significant accounting policies, continued

(c) Investments

Investments are reported at fair value using quoted market prices. Changes in the fair market value of investments are recognized as unrealized gains or losses.

(d) Capital assets

Capital assets are initially recorded at cost. The Association provides for amortization using the following methods at rates designed to amortize the cost of the capital assets over their estimated useful lives. One half of the year's amortization is recorded in the year of acquisition. No amortization is recorded in the year of disposal. The annual amortization rates and methods are as follows:

Buildings	4% Declining balance
Solar Panels	30 years Straight-line
Office equipment	20% Declining balance
Computer equipment	50% Declining balance
Website	50% Declining balance

(e) Use of estimates

The preparation of financial statements in conformity with Canadian accounting standards for not-for-profit organizations requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the balance sheet date and the reported amounts of revenues and expenses during the year. Actual results could differ from those estimates.

(f) Financial instruments

The Association initially measures its financial assets and liabilities at fair value, except for certain non-arm's length transactions. The Association subsequently measures its financial assets and financial liabilities at amortized cost, except for securities quoted in an active market, which are subsequently measured at fair value.

Financial assets measured at amortized cost include cash and HST receivable. Financial liabilities measured at amortized cost include accounts payable and accrued liabilities.

Financial assets measured at fair value include short term investments.



Notes to Financial Statements September 30, 2020

3.	Cash								
						_	2020	_	2019
	General account Cash held in investment accou	nts				\$	101,816 77,340	\$	158,216 15,514
	Petty cash					-	250	_	250
						\$	179,406	\$	173,980
4.	Short term investments								
						_	2020	_	2019
	Common and preferred shares					\$	515,644	\$	563,809
	Corporate bonds and savings Money market funds					_	184,373 489,826	_	262,850 232,781
						\$	1,189,843	\$	1,059,440
5.	Capital assets								
		_					2020	_	2019
			Initial cost		Accumulated amortization		Net		Net
	Land	\$	175,146	\$	-	\$	175,146	s	175,146
	Buildings	Ψ	1,149,167	Ψ	460,139	Ψ	689,028	Ψ	677,698
	Solar Panels Office equipment		49,305 106,636		9,042 98,079		40,263 8,557		41,907 10,696
	Computer equipment		330,405		297,398		33,007		52,867
	Website	_	104,371	_	102,722	_	1,649	_	3,298
		\$	1,915,030	\$	967,380	\$	947,650	\$	961,612
6.	Deferred revenue								
					_		2020		2019
	Membership dues				\$		266,956 \$		265,379
	Licensee fees Certificate of authorization fees						86,255		82,808
	Registration fees						60,617 28,663		59,795 32,833
	Sundry				_		6,245		-
					\$		448,736 \$		440,815
						_		_	

#### 7. Related party transactions

The APEGNB Foundation for Education Inc. was established in 1994 and is a registered charity under the Income Tax Act. The Foundation's terms of reference are established by a by-law of the Foundation and its purpose is to promote the education and training of professional engineers, engineering students, professional geoscientists and geoscience students.

The Association collected \$16,485 (2019- \$6,849; 2018- \$6,072) in donations and advertising revenue on behalf of the Foundation from its members, which are subsequently transferred for use by the Foundation.



Notes to Financial Statements September 30, 2020

#### 8. APEGNB Foundation for Education Inc.

The assets, liabilities and results of operations of the APEGNB Foundation for Education Inc. have not been consolidated in the financial statements of the Association. The year end of the Foundation is December 31. Financial summaries of this unconsolidated, unaudited entity are as follows:

	Financial position
	December 31, December 31, 2019 2018
Cash on deposit Interest receivable Short term investments	\$ 40,889 \$ 19,410 5,180 5,209 1,039,395 954,920
	<u>\$ 1,085,464</u> <u>\$ 979,539</u>
	Results of operations
	Year ending Year ending December 31, December 31, 2019 2018
Revenue - donations Revenue - investments	\$ 27,060 \$ 22,295 140,227 (29,923)
Expenditures - scholarships Expenditures - other	167,287 (7,628)   (55,000) (50,000)   (6,362) (6,207)
	<u>\$ 105,925</u> <u>\$ (63,835</u> )



Notes to Financial Statements September 30, 2020

#### Commitments

Operating leases and IT support

The Association leases office equipment under operating leases which expire in April 2022 and August 2024. They also have an agreement with Bulletproof Solutions to provide ongoing IT support until November 2020. Future minimum payments, in aggregate and including tax, are expected to be as follows:

2021 2022		\$	9,973 6,642
2022 2023 2024			5,303 3,977
2024		\$	25,895
		ф.	40,00

Outreach Coordinator and Climate Change Project

The Association entered into an agreement with l'Université de Moncton to provide funding for a full-time Outreach Coordinator as well as to provide funding for a climate change project. The Outreach Coordinator agreement expires in 2022 unless revoked with 6 months notice in writing. The climate change project agreement expires in 2021. Future minimum payments, in aggregate, are expected to be as follows:

2021 2022	5	50,000 35,000
		\$ 85,000

#### 10. Financial instruments

The Association is exposed to the following risks with regard to certain financial instruments:

(a) Market risk

Market risk is the risk that the value of a financial instrument will fluctuate as a result of changes in market prices. The Association is exposed to market risk as a significant portion of its investments balance is held in publicly traded equities.

11. Other

The outbreak of a novel strain of coronavirus resulted in the global declaration of a pandemic by the World Health Organization. Government measures in place to combat the health threat of the virus have caused material disruption to businesses globally resulting in an economic slowdown. The duration and impact of the outbreak are unknown at this time, as are the efficacy of government and central bank interventions. It is not possible to reliably estimate the length and severity of the measures nor their impact on the future financial results and conditions of the association.



Schedules to Financial Statements Year ended September 30, 2020

Schedule of operating					Schedule 1
		2020	2020		2019
		Actual	 Budget		Actual
Salaries and benefits	\$	816,741	\$ 850,000	\$	857,602
Depreciation		61,947	75,000		44,792
Service fees		46,342	40,000		42,880
Postage		41,009	35,000		39,486
Property tax		39,152	38,500		38,364
Office		37,198	35,000		44,579
Computer maintenance		27,262	15,000		15,449
Building maintenance		25,626	32,000		36,276
Computers and equipment		20,556	25,000		16,148
Printing - office		19,006	13,000		8,748
Telephone		18,792	25,000		24,109
Professional fees		13,786	10,700		10,700
Insurance	_	9,954	 10,000	_	9,397
	\$	1,177,371	\$ 1,204,200	\$	1,188,530
Schedule of member services					Schedule 2
		2020	2020		2019
	_	Actual	 Budget		Actual
Branch funding	\$	52,500	\$ 52,500	\$	52,500
Council meetings		48,475	50,000		56,265
Exam expenses		32,672	45,000		44,386
Annual meeting		29,953	40,000		35,995
Travel		27,018	45,000		51,857
Translation		25,809	7,500		12,455
Certificates and seals		19,076	18,000		16,921
Committee meetings		17,618	30,000		28,722
Diversity and inclusion		14,728	36,000		18,508
Public interest action		14,375	35,000		28,576
Awards		1,434	 7,500	_	7,042
	\$	283,658	\$ 366,500	\$	353,227



Schedules to Financial Statements Year ended September 30, 2020

Schedule of communication					Schedule 3
		2020	2020		2019
		Actual	Budget	_	Actual
Communications	\$	55,306	\$ 100,000	s	31,997
Centenary expenses		48,532	-		16,315
Project funding		35,580	40,000	)	50,975
Outreach coordinators		35,000	60,000	)	-
Outreach funding		13,995	30,000	)	27,920
Printing - communication		470			10,378
	\$	188,883	\$ 230,000	\$	137,585
Schedule of other					Schedule 4
		2020	2020		2019
		Actual	Budget		Actual
CCPE/CCPG assessment	\$	64,722	\$ 72,000	\$	63,198
Secondary liability insurance		24,957	25,000		24,620
Legal and act enforcement		10,748	15,000		13,803
Miscellaneous		2,358	22,500		20,000
	s	102,785	\$ 134,500	\$	121,621



## **2021 AWARD RECIPIENTS**

## C.C. KIRBY AWARD

Given in recognition of outstanding service or contribution to both the engineering profession and the province of New Brunswick.

Named in honour of Charles C. Kirby, a distinguished engineer who was the founder of the Association and co-founder and first President of the Canadian Council of Professional Engineers, the C.C. Kirby Award is the most prestigious award a professional engineer can receive from the Association. Selection of the Kirby Award must be approved by three past Presidents.

Dave Crandall joined the ADI Group from Harlan and Associates in PEI in 1995 as Manager of the Moncton office of ADI Limited and President of Acadia Consultants and Inspectors Limited. In addition to management of the office and staff, he was responsible for business development, client liaison and oversaw numerous consulting engineering projects.

In 1994 he moved to Fredericton to become Vice-President of ADI Limited - the consulting engineering and architectural business of ADI Group. In this role he was responsible for liaison/coordination with the seven branch offices, quality assurance/control for the company as well as a variety of projects, including the Westmorland Albert and Cogerno Solid Waste Facilities, water and sewer systems in Dorchester, Riverside Albert, Alma, Sackville, Dieppe and Moncton, to name a few.

He was also responsible for spearheading ADI's QMS program, and was instrumental in them achieving their ISO 9001 certification.

Dave took an active role in numerous projects but the one that received the most attention was the Paul J, Hayes P.Eng. Waste Water Treatment Plant in Miramichi. This won him and his team, the APEGNB Corporate Award for Excellence in 1999. The project was also nominated for a national award. Many of his projects contributed significantly to improvements in quality of life and the environmental well-being of citizens in the Province.

For a number of years Dave was also a shareholder and on the Board of Directors of ADI Group Inc, their parent company. When ADI Limited was sold to Trow Associates (later known as EXP) in late 2008, Dave transferred with the approximately 265 staff as the 2IC of their Atlantic Canada operations.



## DAVID CRANDALL P.ENG., FEC

#### APEGNB volunteerism

- In 2019, received his 20 year volunteer pin
- Has chaired numerous committees including Public Interest Action, Awards sub-committee, Nominating, and Finance.
- · Has sat on over 15 different committees, including Council

### **Past Awards:**

- 2011 APEGNB Service to the Profession
- 1999 APEGNB Engineering Award of Merit
- 1990 Association of Professional Engineers of PEI Young Engineer Achievement

1982 - Association of Professional Engineers of NS - Senior Year Design Project Award in Civil Engineering

### **Board / Executive Experience:**

2007-2008 - President - APEGNB 1997-1998 - President - Association of Consulting Engineering Companies New Brunswick Board of Directors - ADI Group Board of Directors - Colson Power Group Board of Directors - Greater Charlottetown Chamber of Commerce Past President - Charlottetown Royalty Club Fellow of Engineers Canada 2008



## PRESIDENT'S AWARD

Given to a professional engineer/geoscientist who, in the opinion of the Association, has enhanced the role of APEGNB and other professional associations and societies such as Engineers Canada and Geoscientists Canada. The Award recognizes outstanding service and dedication to the New Brunswick engineering / geoscience professions through New Brunswick/Canadian professional, consulting or technical associations and societies. Consideration is given to continued leadership in the profession and in the community, to outstanding achievements, and to recognition obtained.

## DARRYL FORD, P.ENG., FEC

Darryl graduated in 1988 with a Bachelor of Applied Science in Mechanical Engineering from the University of New Brunswick Fredericton campus. The first two years of his degree were completed at the University of Prince Edward Island.

Darryl has spent his career working in Saint John. Fresh out of university, he started in mechanical engineering at Furrow Engineering & Consulting Ltd. From there, Darryl spent four years working at K.M. Carson Ltd. before moving on to Fundy Engineering. He has been with Fundy engineering since 1998 and in 2019 became President and CEO of one of the largest employee-owned, full-service multi-disciplinary engineering-consulting companies headquartered in Saint John.

He has been a mentor for dozens of young engineers, technologists, and technicians that work or have worked at the firm. Darryl has certainly enhanced the role of APEGNB, ACEC-NB, and Engineers Canada through his active and committed engagement.

He served as APEGNB's 94th President, ACEC-NB's President, and as APEGNB's Engineers Canada representative. He has sat on and chaired several committees for each of those organizations. Part of Darryl's succession planning while being on those Boards was to recruit and mentor new members, many of whom remain active in those associations.

In 2012, he was bestowed as a Fellow of Engineers Canada for his noteworthy service to the engineering profession. Darryl is one of only about 160 FECs in New Brunswick, which represents about 4% of New Brunswick's Professional Engineers.

Darryl has a strong desire to give back to his local community. This is demonstrated through his various roles with the Greater Saint John YMCA since stepping up to serve in 2014 and the range of hockey coaching he has done over the years in the Kennebecasis Valley.

Darryl has also been involved at the APEGNB Branch level in Saint John. Since 2016, he has participated in the Annual APEGNB Saint John Soap Box Derby event, which raises funds to support Partners Assisting Local Schools (PALS).

## **Board / Executive Experience:**

#### APEGNB

- Vice President, 2010 to 2011;
- President, 2011 to 2012;
- Past President, 2012 to 2013;
- Chief Executive Officer Search Committee (Chaired);
- Construction Association of New Brunswick APEGNB Representative;
- Continued Competency Assurance Committee (Chaired);
- Discipline Committee (Chaired);
- Diversity and Inclusion Committee;
- Nominating Committee (Chaired);
- Public Interest Action Committee;
- Saint John Branch Soap Box Derby Event Committee

#### Engineers Canada

- Engineers Canada Representative, 2013 to 2017.
- Atlantic Canada operations, activities and financial performance Awards Committee (Chaired);
- Bridging Government and Engineers Committee (Chaired);

## Association of Consulting Engineering Companies of New Brunswick

- Secretary, 2003 to 2004;
- Vice-President, 2004 to 2005;
- President, 2005 to 2006;
- Past-President, 2006 to 2007.

#### Saint John YMCA

- He began volunteering with the organization in 2014 when he provided his expertise and input as a member of the Project Steering Committee for the construction and commissioning of the new Saint John Regional YMCA.
- Vice Chair, May 2016 to May 2018;
- Chair, May 2018 to May 2020;
- Past Chair, May 2020 to Present.

## COMMUNITY LEADERSHIP AWARD

Given to a professional engineer / geoscientist who, in the opinion of the Association, has made a significant contribution to improving the quality of life in his/her community. The Award recognizes outstanding service and dedication to the Province of New Brunswick through voluntary participation in community organizations, government sponsored activities, or humanitarian work. Consideration is given to continued leadership in the profession and in the community, to outstanding achievements, and to recognition obtained.



## PAUL CAMPBELL, P.ENG., FEC

In 1972 Paul graduated from the University of New Brunswick, Fredericton Campus with a Civil Engineering degree. Since that time, he has spent a majority of his professional career with the Government of New Brunswick, most recently with the Department of Environment up until his retirement in 2016.

He is a past President of APEGNB (2015) but before that volunteered his time on various APEGNB committees and groups.

Paul has a passion for his community and it shines through his committed volunteerism over numerous decades. Not only has he given back so much to the community he loves (Fredericton), he has also given his talents to many national and even international associations.

In his community he is deeply involved with the music scene having been one of the founding members of the Harvest Jazz & Blues Festival. He was also CEO (Chief Entertainment Officer) and Front-man of the Downtown Blues Band from 1987 to the present day. This 'community music development project', spawned numerous local bands and raised significant funds for local artists and organizations by hosting benefit concerts, fundraisers and representing the City of Fredericton at performances in the Maritimes, Quebec and USA.

He's always had a passion for the environment, and this shows through in his involvement with his professional work with the NB Department of Environment as well as his after hours work.

#### **APEGNB** involvement

- 1986-1988 APENB Fredericton Councillor
- Chair, Public Relations Committee
- Member, Admissions Committee
- 1989 Member, Task Force on Scope of Engineering
- 1990 APENB Annual Meeting Committee Publicity and Printing
- 2015 President
- 2016 2018 Chair, Climate Change Committee

#### Awards and Executive Experience

- Scouts Canada Commemorative Centennial Medal Award
- Canadian Blood Services 100 Donations Award, 2013
- Fredericton Heritage Trust Heritage Award, Ashburnham Gazebo, 2001
- Government of Canada International Year of Volunteers Award, 2001
- Queen Square Neighbourhood Association Chair.
  - Group provided planning input to City and undertook neighbourhood improvement projects including the City-Award winning Y2K Waterloo Row Underpass/Bridge Paint, 1995-2005
- GreenKeepers Chair
  - Small group providing input to City on Ecological Maintenance and Improvements to Fredericton Green, 2015-present
- Downtown Development Fredericton Inc. Vice-President, 1989-1990