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GEOSCIENTISTS
NOVA SCOTIA

GeoGazette

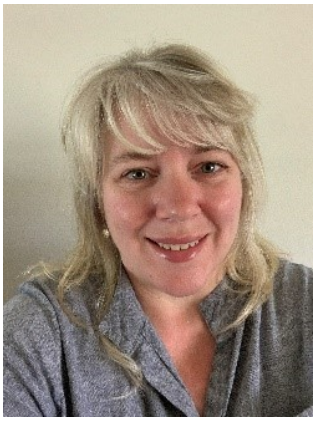
Summer 2020 Volume IX Issue I

Inside this issue:

Consider Volunteering with APGNS!
See Pages 13 & 15

Incoming President's Remarks: Kimberlea Green, P.Geo.

Thank you very much to the Nominating Committee for the opportunity to serve as president of APGNS for the 2020/2021 term! I have participated in Council for the past 3 years, and on the Environment Committee for the past 5 years, which has provided insight in to the working of the Association and governance.



President 2020-2021: Kimberlea Green, P.Geo.

The Strategic Plan identifies the key objectives for the Association and is reviewed every 5 years (the Plan will be up for review again in 2022). The objectives are as follows:

- Value for Members;
- Licensure Awareness, Compliance and Enforcement;
- Awareness of the Profession and the Association; and
- Good Governance.

In alignment with these objectives, over the past few years the Association has been working on:

- compliance with the NS Fair Registration Practices Act (FRPA);
- the revision of the Geoscience Profession Act and development of the Geoscience Practice Regulations;
- continued engagement with provincial regulators (Environment, Energy and Mines); and
- outreach to students

Council and the Committees have been working tirelessly on these issues and have made great progress. The Governance Committee continues to work with the Department of Energy and Mines to have the GPA placed on the Legislative Order Paper. The Environment and Mining Committees are engaged with regulators on legislative reviews and provide valued input. The Student Committee hosted events throughout the year to engage students with the Association and provide networking opportunities.

Given the current pandemic environment that we are all living in, there are also new challenges in the coming year, such as the Geoscience Knowledge and Experience (GKE) requirements and the transition to online delivery platforms at universities.

President's Remarks … continued

I would also like to acknowledge the generosity of my employer to allow me the time to volunteer with the Association and in recognizing the importance of professional accreditation.

Finally, I would like to thank the Councilors who are completing their terms (Kelsey O'Brien, P.Geo., Jeff Parks, P.Geo., FGC, and John Kozuskanich, P.Geo.), and welcome new Council members, Jim Milllard, P.Geo., Crystal Kennedy, P.Geo., FGC, and Scott Conrod, P.Geo. The Association relies on the time and efforts of all our volunteers and the Executive Director will continue to be integral in advancing the strategic objectives of the Association. It has been great working with you all and I am excited to culminate my volunteering with the Association as President and look forward to continuing the efforts of Gavin, David and Council in the coming year.

From the Registrar's Inbox

Registrar: David C. Carter, P.Geo., FGC.

APGNS and Geoscientists Canada AGM's

The APGNS Annual General Meeting has come and gone for another year, although this one was a bit later than originally planned and it relied on a virtual platform. The meeting was well attended, over 50 registered, and well received. Unfortunately, the Continuing Professional Development and guest speaker portions will wait for another day. But the new Executive and Council have been installed and the business of a self-regulating professional association goes on.

Unfortunately, the face-to-face Geoscientists Canada Board of Directors and Members meetings were also moved to the virtual platform. This was most unfortunate since Jeff Parks, P.Geo., FGC completed his term as the 2019-2020 President of Geoscientists Canada with that meeting. As President he would have had the opportunity to host 2020 Annual General Meeting in Halifax.

However, both the Geoscientists Canada and the Geoscientists Nova Scotia meetings were well received.
Are these all signs of the "new normal"? Because we are all so "normal", right?

COVID-19

So, what are you doing to adapt to this "new normal"? Along with other things, adaption happens, right? … sometimes it happens in stages …

1. Denial - So, is this really happening?
2. Excitement - This really IS happening!
3. Grit - Ugghh, IT is happening!
4. Acceptance - OK, I can deal with it.
5. Joy - I can make it happen!
6. Thrive - Making it happen!

From the Registrar's Inbox … continued

The COVID-19 pandemic has brought enormous personal, economic, and social damage and change. Wrapping our minds around what is happening continues to be enormously difficult. We are beset daily with new and sometimes conflicting information.
The effects are paradoxical. Economically, it has caused a supply shock and a demand shock. It has set in motion a recession of indeterminate length and severity, even as some countries, provinces, and states are attempting some form of recovery.

The response to the pandemic has inspired new communication pathways as well as expressions of public-spiritedness and charity among millions, while also providing an opportunity for fraudsters to peddle false cures and prey on the vulnerable. It is stoking competition among countries, and between regions within countries, to secure supplies, while also serving to develop greater national solidarity and regional cooperation. The pandemic is primarily a public healthcare problem, but it is one with immense immediate implications for business, and for economic, fiscal, and monetary policy. Optimistically, the health threats could disappear within a matter of months, or they could persist for years. In Canada, the government is estimating a 2 to 3 year recovery period if there is not a widespread second wave. Thousands of people have lost their jobs and there is general agreement that as many as 40 to 60% of those jobs will never return.

Simply put, we are wondering how to go about protecting ourselves, young and old, healthy and immune compromised; restarting the economy; repairing what was broken; and preparing ourselves to cope with a host of urgent social, environmental, demographic, and economic troubles.

Drilling down to the geoscience profession, a recent internal report from the CEO of Geoscientists Canada indicates that, in response to a survey, the majority of geoscience regulatory organizations have concluded that they do not expect a significant loss of members or a drop of revenue in the near future. Most of GC's members have also noted that they do not anticipate COVID-19 to have a lasting effect on the geoscience profession (i.e. no great loss of jobs, closing of companies, etc.) with the exception of petroleum geoscience professionals who have been impacted as many regions and countries focus on moving to alternative energy sources.

Governance
Back to our normal, the Geoscience Profession Act provides the mandate for self-regulation of geoscience practice in Nova Scotia. The Act provides the basic tenets of the profession: "right to title" (only a registered professional can use the designation "geologist" or "geoscientist", etc.) and "license to practice" (an individual must be a registered professional to undertake any act within or involving geoscience for gain, hire or hope of reward, either directly or indirectly).

However, in many ways the Act is outdated. For example, it predates the Canadian Free Trade Agreement and the Fair Registration Practices Act. So, the Association Governance Committee developed and proposed revisions to the Geoscience Profession Act and developed the Geoscience Practice Regulations. These were submitted to the Department of Justice for review and approval and inclusion on the NS legislative order paper. We worked with the DOJ to remove the "orphan" label from the proposed revisions and the DOJ was instrumental in convincing the Department of Energy and Mines to agree to assist us in developing the legislative documents.

From the Registrar's Inbox … continued

Although the COVID-19 response has sidetracked the legislative process, we will continue to work with Department representatives to refine the legislation and to include the Act and the Regulations on the government's next available order paper. In preparation for the revised legislation, we will continue working on revising the by-laws and policies which will be consistent with the revised Act and Regulations.

Council

The first meeting of Council after the AGM is of particular importance. This is the first opportunity for the new Council to take control of the Association. They review the previous year's financials and determine how any net gains will be distributed and invested. They review and renew appointments to Boards, Committees and Task Groups for the coming year. This year, Council approved the revision of the Past-Presidents Advisory Committee and the Terms of Reference for the committee. This is an important step forward in recognizing the history of the Association and its role in current and future governance.

Geoscientists Canada Director's Report

Jeff Parks, P.Geo., FGC, Nova Scotia Director, Geoscientists Canada

Most of you have little knowledge about what Geoscientists Canada is or does. To quote our website:

"Geoscientists Canada is the national organization of the 9 provincial and territorial regulatory bodies that govern Canada's professional geoscientists and geoscientists-in-training. Geoscientists Canada co-ordinates development of high national standards of admissions, competency, practice and mobility to ensure that Canada is served by a skilled, versatile, reputable and accountable geoscience profession."

It is important work that has been used as a platform for issues of national interest, provided opportunities to learn from each other's organizational approaches, and created dialogue on the equal treatment of applicants and members in our regulation of the profession. The geoscience profession, which encompasses many specialized practice disciplines, currently comprises over 14,000 licensed professionals (P.Geo.'s) and Geoscientists-in-Training (GIT/MIT) registered with geoscience regulators across Canada.

I have had the privilege of serving as the first Geoscientists Canada President elected from Nova Scotia and I want to thank the members of Geoscientists Nova Scotia for your support during my term. I am now finishing my last year (of 7) as your Director and currently serving as Past President and come June 2021 it will be time to pass the mantle onto another member who will carry us forward on the national scene. Please let me know if you have interest in taking on this role, but it is best suited for a person who has more recently served on our APGNS Council.

This last year as President was eventful and lots got accomplished, or at least satisfactorily advanced. The year, however, did not exactly end the way we had anticipated due to the pandemic. The annual general meeting of Geoscientists Canada has always been held in the home city/province of the President. It is my belief that face-to-face meetings are the best approach to truly understanding what people think and how we best work together to address the expectations of Geoscientists Canada and the membership, and it is unfortunate that we (APGNS) were not able

Geoscientists Canada Director's Report… continued

to feature Nova Scotia to the rest of my Board colleagues from across Canada during this year's GC-AGM, which was held virtually. Hopefully we will have a future Director that will be in a position to do this.

The highlights of the last year in Geoscientists Canada must start with the completion (March 2020) of the Admission Support Tools II (ASTII) Project. This two-year project was completed on time and slightly under budget. This project saw the development of the professional practice geoscience work experience competencies (WECs). These competencies were then used in the development of a geoscience WEC online tool that is designed to assist the regulators in the assessment of professional geoscience applicants for entry to the profession. The tool was developed to the pilot stage; however, with additional funding through the AST II project and from Constituent Associations (CA) support, and with the cooperation and support of EGBC, Geoscientists Canada is undertaking to complete the work on the WEC Online Tool for CA use. This new project was proposed in a letter of interest for additional funding from ESDC in the name of the AST III project; however, we were not invited to submit that proposal. Geoscientists Canada will continue to seek funding on important projects that are of benefit to the professional geoscience community through our members, the CAs.

Also an outcome of the AST II project was the March 2020 launch of Geoscience in Canada (www.geoscienceincanada.ca), a comprehensive resource for information on professional geoscientist licensure in Canada. This important resource is designed to inform internationally and domestically trained geoscientists about practising geoscience and professional geoscience licensure requirements in Canada. The website 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. It is open for anyone to look at and we welcome comments on function and content. Please take a few minutes to review this valuable resource.

For the first time in many years a member assessment fee increase of $5 per person was passed by the Board, in consultation with the CAs, to meet our operating budget needs. The increase will be effective in 2021. This will also necessitate a redistribution of the reserve funds into a reserve fund, and a strategic initiative fund that will be used for project related work. Funding for the strategic initiative will be realized by savings in our operational budget and from any grant monies received. As a part of this review, the CA-CEOs asked the Board to develop a financial risk assessment for the organization. This document has been developed and is currently distributed for comment.

The 2020-2021 Geoscientists Canada President is Michael Parkhill, P.Geo., FGC, a Quaternary Geologist with the New Brunswick Department of Natural Resources and Energy Development, Geological Surveys Branch in Bathurst, NS. The President- Elect is Kevin Ansdell, P.Geo., FGC of Saskatchewan. I look forward to serving with them on the Executive this year.

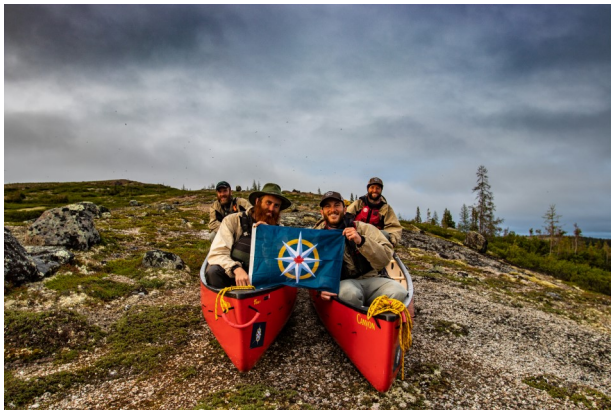
Finally, I want to say what a rewarding experience it has been to serve you, the Geoscientists Nova Scotia membership, over the last 6 years as Director, and nearly 11 years serving in some capacity on APGNS Council and committees.

GeoTravels

Where It Is All Blown Away: An Unprecedented 35-day Canoe Expedition Across Labrador, Canada

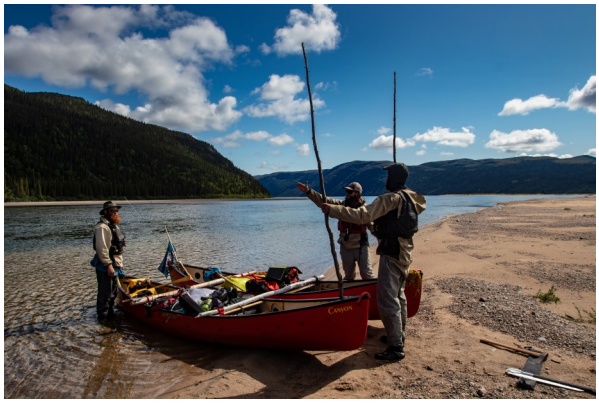
Noah Booth, P.Geo.

What compels someone to willingly want to spend a month in a bug infested spruce bog, in the middle of nowhere, living out of a 115 L dry bag? The Labrador Peninsula is as rugged as it gets. Spanning over 1.4 million km^2 of boreal and subarctic tundra, this massive land mass has less than 30,000 residents, one highway, and can be described by some as a desolate wasteland. But to me, this raw, isolated beauty is what makes the Labrador Peninsula one of Canada's last remaining wilderness frontiers.



Group photo at the final height-of-land. All water to the left flows to the Arctic, all water to the right flows to the Atlantic (Labrador Sea). This portion marked the beginning of the barren lands leading into Nunatsiavut.
Photo Credit: Alex Traynor

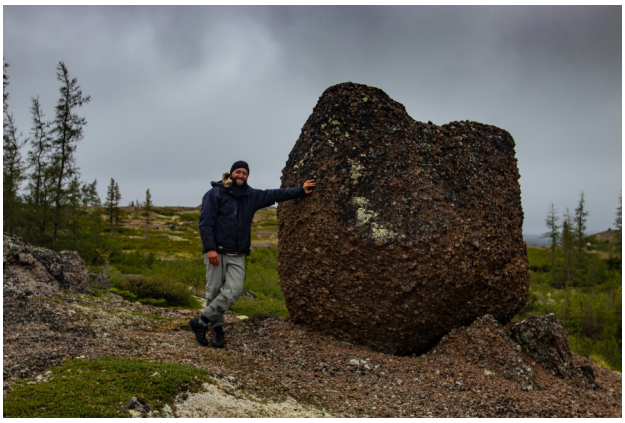
In partnership with the Royal Canadian Geographical Society, Newfoundland and Labrador Tourism and Mountain Equipment Co-Op (MEC), this past summer me and three friends, Alex Traynor, Dave Greene and Chris Giard embarked on a 35-day canoe trip where we traveled 670 kms through three ecosystems and two regional heights-of-land across Labrador. We started on the Tshiuetin Rail Line at the Menihek Hydro Dam and pushed our way to Nain, the northern most settlement on the Labrador Sea. On paper, the route was a logistical nightmare and in reality, it was a true test of character (both physically and mentally). Other than the anticipated difficulties, Labrador was also having one of its coldest, wettest summers in over 30 years which kept our team damp and cold (2019). But have no fear, the weather did not deter the flies, mosquitos and blackflies were still obnoxious party guests that overstayed their welcome.



Rigging up a catamaran to sail across Cabot Lake on-route to the Labrador Sea.
Photo Credit: Alex Traynor

The trip may sound like a nightmare, and in many cases it was, but as a geologist (and geomorphologist at heart), the Labrador Peninsula is a remarkable place. As we traveled, we watched the geology change from the metamorphosed, iron-rich hills of the Labrador trough in the west, to the Archean gneisses in the middle, to the labradorite bearing, intrusive igneous mountains to the east. Other than an interest in the geology, a unique geohistorical event weighed heavily during the planning stages - The Mistastin crater. The site of an asteroid impact 36 million years ago, this 16 km wide crater lake sits near the height-of-land between the Labrador and Quebec border. The area fascinated me and reaching it became a key objective of the trip. While researching online we couldn't find any information other than a few

Blown Away… continued

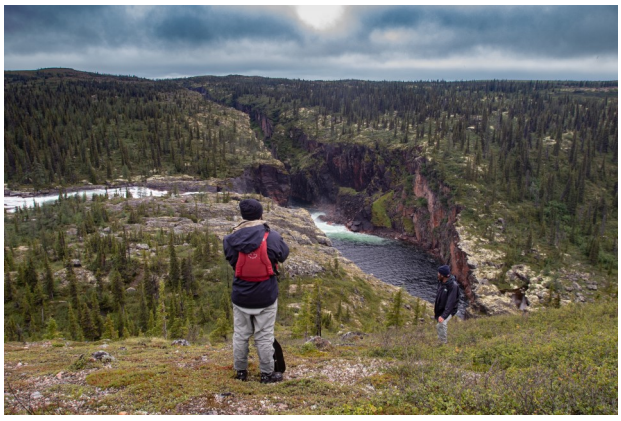


Glacial deposited rock at the height-of-land.
Photo Credit: Alex Traynor

archeological surveys and rumours of an old Innu hunt camp. In Innu Mistastin means "Where It Is All Blown Away" which could be describing the asteroid impact, the surrounding sub-arctic tundra or us if we were to ever make it to this isolated lake.

After 23 days of wilderness travel we finally arrived after descending down a boulder infested river that drained from the height-of-land to the crater lake. At this point I was recovering from 7 days of dysentery, Dave had a broken tooth and Alex and Chris nearly destroyed their boat from wrapping it around a rock in the rapids. Seeing the lake for the first time was as glorious as we could have imagined and after 3 weeks of rain, the sun broke though the grey skies and welcomed us to a glass calm Mistastin Lake. We explored the sandy shores and picked blueberries on the island which was interpreted to be the central uplift of the crater structure.

After nearly bursting from the seems from gorging on blueberries we continued our paddle east where we would paddle out through the Mistastin River which drains into the Kogaluk River and onto the Labrador Sea. Typical of the Labrador coast, Labrador rivers drop off the Labrador plateau at an aggressive rate and therefore these rivers are rarely paddled because of the high volume of water being pushed through narrow, steep canyons. The Mistastin river is no exception and further to the known dangers, the Mistastin River had only been paddled once before (approximately 20 years ago) and had no information online. Other than being astute observers of contour lines on our maps, we were essentially going into the raging river blind. Cautiously approaching every bend we slowly made our way down the river and came across two 100' waterfalls and many smaller waterfalls and rapids that required us to constantly scout and bushwhack, it was hard work, but the views were breath taking.



The first large waterfall on the Mistastin River.
Photo Credit: Alex Traynor

Being on untouched land and having these types of experiences where you're fully immersed with energized focus has become an addiction. On this trip each day was difficult and had its unique challenges. Whether it be running, lining, or tracking rapids, scouting waterfalls, navigating multi-day portages, having faith in our instruments or relying on gut instincts, we were constantly faced with controversy that required us to problem solve and work as a team. The feelings you

Blown Away… continued

get from these accomplishments, and the connections you make with the environment and your team is why the bug infested spruce bog will always be worth it.

Disclaimer:
One just doesn't wake up and decide to cross Labrador. The route took a year of meticulous planning and preparing. Even with that there were still sections that we had no idea what we were getting ourselves into because there was no information available online. In these situations, patience proved to be the most important virtue. With patience, the risk involved with weather, terrain and tent-mates drastically decreased. We took our time and made our safety a top priority.

Mistastin Lake sandy shores.
Photo Credit: Alex Traynor

Award Announcement: APGNS Excellence in Geoscience Award

Christopher White, PhD, P.Geo.

Geoscientists Nova Scotia is pleased to announce the recipient of the Excellence in Geoscience Award. The award was established to honour an eminent and exemplary member of Geoscientists Nova Scotia who is also a valuable contributing member of the Nova Scotia, Canadian and/or global geoscience community. Nominations for this award are considered annually, although the award is not necessarily presented each year It is awarded to a Professional Geoscientist to recognize outstanding contributions to the development and practice of professional geoscience, who advances public recognition of the practice of professional geoscience in Nova Scotia and does so with the high levels of dedication and integrity.

To be eligible for the award, a nominee must meet a number of specific criteria, which include the following major categories:

- Excellence in Geoscience: Outstanding technical accomplishments; exploration/development successes; building the workplace (corporate or academic);
- Building the Geoscience Profession: Commitment to APGNS and the profession; representation provincially, nationally and/or internationally, assisting in the development of Standards/Professional Practice Codes/Guidelines; Professional Geoscience Education/Promotion; and
- Service to the Community: Outstanding contributions to the well-being of the community.

This year's recipient, **Dr. Chris White, PhD, P.Geo.**, is the Senior Provincial Geologist with the Nova Scotia Department of Energy and Mines, Geological Surveys Branch. He received his BSc Honours (Geology) from Acadia University (1984) and his Ph.D (Earth Sciences) from Dalhousie University (1996).

He has been registered by APGNS as a Professional Geoscientist (P.Geo.) since 2001. He was previously recognized by the Atlantic Geoscience Society with the **Distinguished Scientist**

APGNS Excellence in Geoscience Award… continued

Award – Gesner Medal in 2013 and the **Laing Ferguson - Distinguished Service Award** in 2014. He received the **Canadian Provincial and Territorial Geologists Medal** (Sudbury -Ontario) in 2014. He has published extensively including maps, open file reports, abstracts and peer reviewed scientific papers;

- 355 authored and co-authored abstracts in local, regional and international journals, including many with mentored students; (he has mentored a total of 34 summer students since 1998)
- 119 open file reports from Nova Scotia and New Brunswick and related field guides and illustrations;
- 90 authored and co-authored bedrock maps of Nova Scotia at various scales;
- 90 authored and co-authored bedrock maps of southern New Brunswick at various scales; and
- 98 peer reviewed authored and co-authored papers local, regional and international journals.

Dr. White has peer reviewed several scientific manuscripts and bedrock/surficial maps for provincial and federal government agencies (Canada and United States), in addition to regional, national, and international journals including:

- NS Department of Natural Resources Review of Activities Reports, and Open File Geological Maps and Reports;
- NB Department of Natural Resources Current Research Reports, and Open File Geological Maps;
- Geological Survey of Canada Open File and A-based Geological Maps;
- Atlantic Geology;
- The Canadian Journal of Earth Sciences;
- The Canadian Mineralogist;
- Journal of Structural Geology;
- C.R. Academy Science of Paris;
- Geological Society of America, Special Paper;
- American Journal of Science; and
- Tectonophysics

In addition to being an active mentor for summer students and junior geoscientists, he also continues to be active with the Atlantic Geoscience Society, the Canadian Federation of Earth Sciences as well as serving as a Research Associate for the Nova Scotia Museum, adjunct at the Department of Earth Sciences, Acadia University, and honorary Research Associate at Dalhousie University and others.

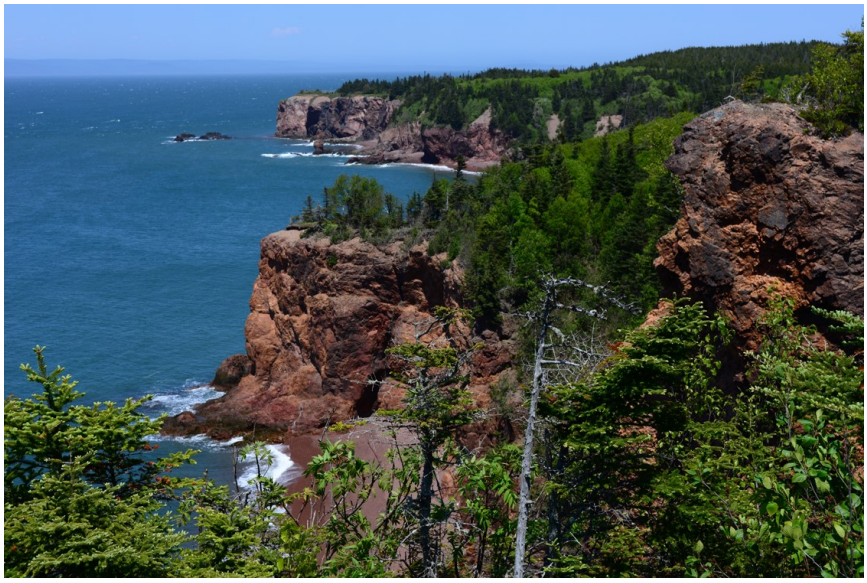
Announcing the award, the President of Geoscientists Nova Scotia, Gavin Isenor, P.Geo. commented: *"We are delighted that Dr. White is being recognized as this year's recipient. Throughout his career he has demonstrated excellence in geoscience and dedication to the Nova Scotia community. He has earned the respect of his peers, as evident in the many accolades he has received throughout his career and he is what the* ***Excellence in Geoscience Award*** *represents."*

Due to COVID-19 response requirements, the award will be presented at a later date.

A UNESCO Global Geopark for Nova Scotia

John Calder, P.Geo.

On July 10th, after almost five years of work, the **Cliffs of Fundy** joined the family of 161 **UNESCO Global Geoparks** around the world, in 44 different countries. Stretching 160 kms along the northern shore of the Minas Basin into the Cobequid Highlands from the 'Paleo-Indian' site of Mi'kmawey Debert to Cape Chignecto and beyond to include Isle Haute, the Cliffs of Fundy includes some of the most iconic geological sites not only in Nova Scotia, but in the World. The two provincial parks of **Five Islands** and **Cape Chignecto** are key partners in the Geopark, as is the **Fundy Geological Museum**. Also partnering in the Geopark is the **Fundy Ocean Research Centre for Energy (FORCE)**, and cultural sites such as **Age of Sail Museum** and **Ottawa House.**

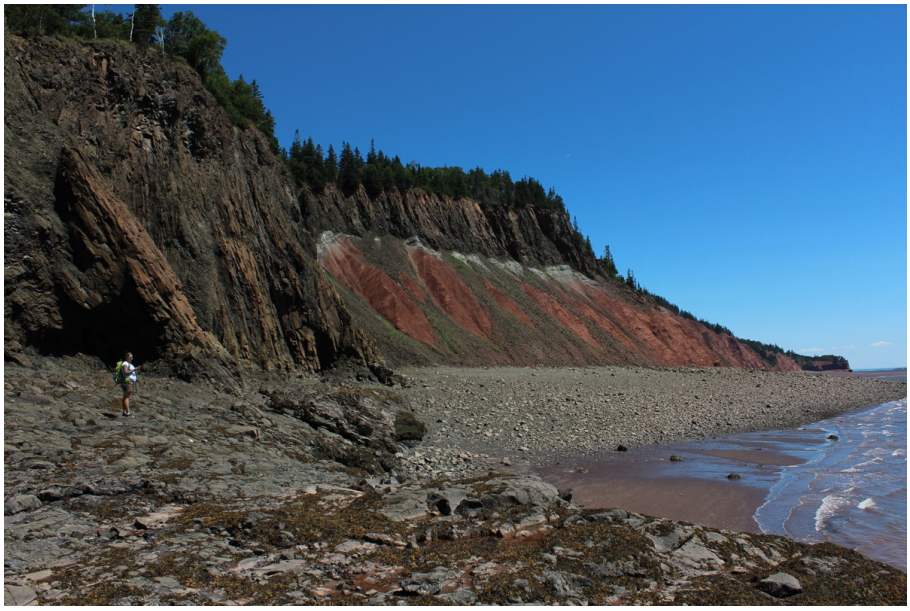


View of Anderson Cove & Squally Point, Cliffs of Fundy Geopark
Photo credit: John Calder, P.Geo.

View of Cape d'Or, Cliffs of Fundy Geopark
Photo credit: John Calder, P.Geo.

UNESCO Global Geoparks are not 'parks' in the sense of a national or provincial park in Canada, rather they are areas recognized for their internationally significant geology; they have no legal boundaries, nor do they bring with them any new laws or regulations, as UNESCO has no such authority internationally. Existing Provincial and National laws, and municipal bylaws remain in place. Sustainable economic development is a keystone of Global Geoparks, and in this regard they are unlike either World Heritage Sites or Biosphere Reserves. They also are expected to be developed from the 'bottom up', with communities in the lead – with guidance from professional geoscientists in documenting their international significance and translating the same for the visitor. This bottom up model, with an emphasis on links between culture and geology and truly sustainable economic development through geotourism and related activities and products, is a key reason for their success internationally.

A UNESCO Global Geopark for Nova Scotia … continued



View of Old Wife, Five Islands Provincial Park, Cliffs of Fundy Geopark
Photo credit: John Calder, P.Geo.

The Cliffs of Fundy has as its founding partners the two Municipalities of Cumberland and Colchester, with the position of Chair and Vice-Chair of the not-for-profit society alternating between the two. The Municipalities have lost no time in hiring a Geopark Manager, Beth Peterkin of Parrsboro, and soon will be putting out the call for Geopark Geoscientist, who will of course be a registered member of Geoscientists Nova Scotia. The Cliffs of Fundy did not just happen with the work of the past five years; it was possible due to the long traditions of professional geoscience on these shores, including the work of many members of Geoscientists Nova Scotia, and is an example of the difference that geoscience can make in the lives of everyday people.

Information on the Geopark and its growing list of publicly accessible Geosites is being developed; information can be found at present by accessing the ESRI StoryMap developed at the Nova Scotia Geological Survey https://storymaps.arcgis.com/stories/4fe5ddb9093a46eb920df5234773e8fd or by visiting the Geopark's website at www.fundygeopark.ca. Come help the communities celebrate, and share your knowledge!

Geoscientists NS is on social media!

Stay up to date with Geoscientists NS news and events; learn about the benefits available for members; job postings; educational material; professional development; involvement in the community; and more.

Follow us on **LinkedIn** *https://www.linkedin.com/company/geoscientists-nova-scotia/*

or

Follow us on **Twitter** *@GeoscientistsNS (https://twitter.com/GeoscientistsNS)*

Hendrik Falck, P. Geo., FGC, Receives 2020 Canadian Professional Geoscientist Award

Andrea Waldie, P.Geo., FGC, CEO – Geoscientists Canada

Geoscientists Canada is pleased to announce the recipient of the 2020 Canadian Professional Geoscientist Award – **Hendrik Falck, P.Geo., FGC**, of Yellowknife, NT.
The Canadian Professional Geoscientist Award is given to recognize the achievements of an individual who has made an outstanding contribution to the development and practice of professional geoscience and who has advanced public recognition of the profession in Canada in their capacity as a registered professional geoscientist. The award, which consists of a labradorite and marble sculpture made by a Canadian geoscientist artist, is given to a person in mid-to-late career.

To be eligible for the award, a nominee must meet a number of specified criteria, which include: a solid career as a professional geoscientist, an outstanding record of voluntary service to the community, and service to Geoscientists Canada or to one of the provincial or territorial professional associations that regulate geoscience practise in Canada.

This year's recipient, Hendrik Falck, P. Geo., FGC, is an award-winning geologist with over thirty years of experience mapping Archean volcanic belts and granitic terranes for mining exploration and government research programs.

Mr. Falck holds a M.Sc. in Geology from Carleton University (1991) and a B.Sc. (Honours) Terrain and Environmental Earth Sciences (Major), Quaternary Studies (Major) from the University of Toronto (1986). He is a registered professional geoscientist with the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists (NAPEG).

Throughout his career, Mr. Falck's service as a professional geoscientist has constantly and consistently benefitted both the geoscience profession and the Canadian people, particularly the people of the North. Beginning his career as a government geologist, he then participated in the Northwest Territories diamond staking rush as a concentrate geologist, followed by time spent as an exploration geologist at Yellowknife's Giant gold mine. Mr. Falck then continued to provide for the future of the North as a mineral deposit geologist for the Government of the Northwest Territories and for the Geological Survey of Canada.

Mr. Falck has also ceaselessly advocated for the profession of geoscience. Serving first as a Councilor for NAPEG, as well as on various committees, eventually serving a term as President of the organization (2010-2012). Concurrent to this, he has served as a representative on the Canadian Geoscience Standards Board and then as a Director for Geoscientists Canada, eventually serving a term as President (2016-2017). He has also served as a President and Council Member for the Mineral Deposits Division of the Geological Association of Canada and as an editor for the CIM journal. As well as his volunteerism in advancement of the profession, he has generously given of his time mentoring young geoscientist professionals entering their careers.

He is the recipient of numerous awards for his exemplary work, including the Regional Circle of Excellence Award (DIAND), JC Sproule Memorial Plaque, the CIM Julian Boldy Award, and

2020 Canadian Professional Geoscientist Award… continued

NAPEG's Award of Merit and Professional Service Award. Mr. Falck, was also among the first recipients of Fellow of Geoscientists Canada (FGC) in 2013.

Announcing the award the President of Geoscientists Canada, Michael Parkhill, P.Geo., FGC, commented: "Having been on the Board at Geoscientists Canada with Hendrick, I was able to see first- hand his dedication to the profession. His list of accomplishments during his career is exemplary. Congratulations Hendrick, well deserved."

The citation for the 2020 award will read as follows: "Presented to Hendrik Falck, P. Geo., in recognition of his impressive body of work, both technical and regulatory, for professional geoscience in Canada".

Nominations for this award are considered annually, although the award is not necessarily presented each year. Further details on the award criteria and nominations process are available on the Geoscientists Canada website at www.geoscientistscanada.ca

Geoscientists Canada's Mission is to support its constituent associations in their efforts to improve effectiveness of regulation in Canada and achieve excellence in the geoscience profession.

www.geoscientistscanada.ca

Call for Volunteers! Join a Committee
The Committees of the Association:

- Environment Committee (Kim Green, P.Geo., Chair)
- Energy and Mining Committee (Rick Gagne, P.Geo., FGC, Chair)
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- Acedemic Advisory Committee (Grant Wach, P.Geo., Chair)
- Governance Committee (Beverley Smith, P.Geo., FGC, Chair)
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- Communications Committee (**vacant**, Chair)
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- Past Presidents Advisory Committee (Beverley Smith, P.Geo., FGC, Chair)

Email:
exec.director@geoscientistsns.ca

Michael Parkhill Takes Office as President of Geoscientists Canada for 2020- 2021

Andrea Waldie, P.Geo., FGC, CEO – Geoscientists Canada

On June 5, 2020, at the 64th Meeting of the Board of Directors of Geoscientists Canada, held virtually, **Michael Parkhill, P.Geo., FGC,** took office as President for the 2020-2021 year, after serving a year as President-Elect. Mr. Parkhill resides in Bathurst, NB, and is a Quaternary Geologist with the New Brunswick Department of Natural Resources and Energy Development, Geological Surveys Branch.

Mr. Parkhill holds a Bachelor of Science in Geology from the University of New Brunswick, Fredericton, NB (1985) and is a professional geoscientist (P.Geo.) registered with the Association of Professional Engineers and Geoscientists New Brunswick (APEGNB). He has over 35 years of geoscience experience dealing with drift mapping and sampling projects (EXTECH-II, MDA, CNB-CAMD, NATMAP, TGI) documenting Quaternary and bedrock geology in New Brunswick and has authored or co-authored over 225 papers, maps, reports, and conference abstracts.

As a volunteer in a variety of professional and learned organisations, Mr. Parkhill has served in several previous leadership roles including President of the Atlantic Geoscience Society, Councilor of the Atlantic Geoscience Society, member of APEGNB Executive Committee, member of APEGNB Nomination Committee, and as a participant on numerous other business and professional committees for various organizations and events. Mr. Parkhill is the recipient of the Province of New Brunswick Merit Award in recognition of outstanding contributions to the Province of New Brunswick.

Mr. Parkhill has served as New Brunswick's Director of Geoscientists Canada since 2017 and has served on the Executive Committee since 2019. In 2019, he was awarded a Fellow of Geoscientists Canada, for serving the geoscience profession in a volunteer capacity for at least 10 years. During his tenure on the Geoscientists Canada Board of Directors, Mr. Parkhill has served as a member of the Executive Committee and Governance Committee.

In fulfilling his duties as President, together with colleagues on the Board of Directors, Mr. Parkhill will continue to have Geoscientists Canada work on admission alignment support tools to assist and support the geoscience practice regulators across Canada; work to support diversity and inclusion initiatives; and, monitor effects that the COVID-19 pandemic may have on the geoscience profession.

Also, at the June 5, 2020 Geoscientists Canada Board of Directors meeting, **Kevin Ansdell, P.Geo., FGC** from Saskatchewan, was elected as the President-Elect of Geoscientists Canada.

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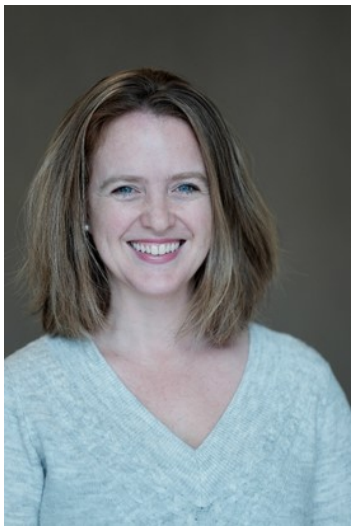
Editor's Corner



Newsletter co-editor Fiona Gallacher, P.Geo.

Fiona Gallacher, P.Geo., is the incoming co-editor for the GeoGazette alongside Kelsey O'Brien, P.Geo. She is currently working with Dillon Consulting in the environmental science field after spending 10 years in Alberta working in the oil and gas industry.

She graduated from Dalhousie University in 2010 after completing a BSc in Earth Sciences with an Honours thesis. She has been registered with the Association of Geoscientists of Nova Scotia (APGNS) since 2016.

When she is not working, she enjoys time with her husband, two little girls and dog exploring the beaches of Nova Scotia. Needless to say, she is so happy to be back home.

Welcome Fiona!

Newsletter co-editor Kelsey O'Brien, P.Geo.

Kelsey O'Brien, P.Geo., is a co-editor of the GeoGazette, has worked on the newsletter since 2016 and has been registered with APGNS since 2017. She is currently working for Nova Scotia Environment and has 5 years of previous experience in consulting.

Kelsey hold an MSc in Earth Science from Dalhousie University, a BSc in Earth Science from St Francis Xavier University, and an Environmental Engineering Diploma from Nova Scotia Community College. She was first registered as a MIT, is a member of the student committee, the communications committee, and was a member of Council.

She is always looking and open to member submissions for the newsletter. Have a unique COVID-19 working situation? An interesting work or school project? Send it along to exec.director@geoscientistsns.ca.

Interested in Volunteering with APGNS?

Email:

exec.director@geoscientistsns.ca

Thank you to all our volunteers!

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Newsletter Advertising

Geoscientists Nova Scotia is now accepting newsletter advertising as full, 1/2 or 1/4 page camera ready inserts. All submitted advertising is subject to approval as per the AGNS Communications Policy.

For more information, or to submit camera ready layout material please contact David Carter, P.Geo., FGC - exec.director@geoscientistsns.ca

Location / Layout	Standard non-member rate per issue*	Standard member rate per issue*
Full Page	$600.00	$550.00
1/2 page	$400.00	$350.00
1/4 page	$250.00	$200.00

* full year subscriptions will receive a 10% discount

The ***GeoGazette*** is a quarterly publication of Geoscientists Nova Scotia.

Members are welcome and encouraged to submit editorials, letters to the editor and articles of interest, including photographs, for publication.

Opinions and views independently expressed in this publication do not necessarily reflect those of Geoscientists Nova Scotia, the Council, Boards, Committees, and/or Staff.

Subscriptions to the ***GeoGazette*** are provided electronically to all registrants (members, licensees and members-in training, and student members) in good standing, and are included in the annual registration fees.

The ***GeoGazette*** will be distributed electronically and posted on the Association website (www.geoscientistsns.ca).

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APGNS Publication Policy

APGNS encourages the submission of articles and editorials for publication in the ***GeoGazette*** on topics related to the science and profession of geoscience.

Submittals shall be of interest to the members of APGNS, and others interested in earth science. Articles and editorials may be noted as follows at the discretion of the editor:

"The opinions, positions and conclusions presented herein are those of the author and do not necessarily reflect the opinions, positions or conclusions of APGNS."

All materials submitted for publication, including author opinions contained therein, shall include accurate and appropriate references. The Editor has the authority to solicit, edit, accept, or reject articles and editorials and other written material for publication. The APGNS Editorial Board has the authority, if it chooses to act on any particular case, to support or overrule actions of the Editor regarding the solicitation, editing, acceptance, or rejection of any particular article, editorial, or other written material for publication.