



**pegnl**

PROFESSIONAL ENGINEERS & GEOSCIENTISTS  
NEWFOUNDLAND & LABRADOR

professional excellence. public trust.

# ANNUAL REPORT **2017**





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**RANDY GILLESPIE**, P. Geo., FGC, Director (Elected)  
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Senior Manager Finance, Bell Canada

**JAMES G. PARMITER**, B. Comm., MBA, Director (Ministerial Appointee)  
Vice President Strategy & Development, The Cahill Group

**DR. GREG NATERER**, P. Eng., Ex officio member of Board  
Dean of the Faculty of Engineering and Applied Science, and Professor of Mechanical  
Engineering, Memorial University

**DR. JOHN HANCHAR**, P. Geo., FGC, Ex officio member of Board  
Professor, University Research Professor, and Head, Department of Earth Sciences,  
Memorial University



**FROM LEFT TO RIGHT:** Natalie Hallett, Gerard Dunphy, Heather Appleby, David Goosney, Greg Naterer, Geoff Emberley, Bill O'Keefe, Darlene Spracklin-Reid, James Parmiter

**MISSING FROM PHOTO:** Neil Cleary, Randy Gillespie, John Hanchar, Rayna Luther, David Pine

## STAFF



**Geoff Emberley**, P. Eng., MBA, FEC, Chief Executive Officer, Registrar



**Mark Fewer**, B. Comm., FEC (Hon), Chief Operating Officer, Deputy Registrar



**Janet Bradshaw**, P. Eng., FEC Professional Standards Director



**Kevena Willmott**, Compliance Officer



**Lesley Oakley-Foster**, Registration Coordinator



**Andrew Peach**, B. Comm., Operations Coordinator



**Justin Haley**, BPR Communications Advisor



**Jennifer Lane**, Administrative Assistant

# CHAIR AND CHIEF EXECUTIVE OFFICER'S REPORT 2017



**Gerard Dunphy,**  
P. Eng., MBA, Chair

## 'OF THE PUBLIC INTEREST'

PEGNL administers the Engineers and Geoscientists Act in the public interest. The phrase itself seems broad and unspecific. Some may say that our publics may not agree or may not be sure as to what is in their best interests. Others may feel that the knowledge of how engineering and geoscience are conducted is a topic too involved for the average person.

All the more reason for PEGNL to strive to fulfill its mandate.

Everyone is affected by the work of engineers and geoscientists. Technology, transportation, oil and gas, energy, minerals, infrastructure, recreation, health care, public spaces—engineers and geoscientists are involved in many details of one's everyday life.

Since the work performed by our license holders is so prevalent in the lives of the public, we at PEGNL must help ensure every person's life is best served by the professional work being done.

In 2017 PEGNL re-examined its goals, or ends as we call them, and focused more closely on the core reason why PEGNL exists—for the protection of the public interest with regard to the practices of engineering and geoscience in Newfoundland and Labrador for both the short and long term. Only some of the ends specifically mention the greater public. It is evident, however, that all of the ends are connected to the public interest. Greater emphasis is now placed on diversity and communications with all stakeholders.

We are not only concerned with licensing and discipline as part of our day to day activities—we ensure our legislated titles are only used by licensed individuals, which helps establish clarity and accountability. Our professional

development standards and processes help assure updated skills and competencies of our license holders. Regulating emerging disciplines helps us develop standards and optimize results. Increasing diversity and engaging students allows for a future of the professions that is balanced, representative, and thriving.

As a license holder, you help us fulfill this mandate by engaging in your everyday activities. Your professional excellence, ethical practice, and understanding of regulation ensures that we collectively protect the interests of the public.

The importance of working in the public interests of protection and responsibility is growing. The changes in the environment are causing considerations that could go far beyond what current codes and regulations cover. A shift to better understand gender and diversity is a key component to navigating the future of our professions. The public appetite for knowledge and accountability is increasing. We must be prepared to provide guidance and strong leadership.

Professional excellence and public trust. We know that as ethical license holders, you want those very things as much as we do.

## Licensure

We continue to ensure all those who practice within, or for, the province are properly licensed. An important element of this is the diligence by employers, clients, others licensed with PEGNL, and authorities having jurisdiction such as municipalities, provincial government departments, and associated agencies. These partners value and support a strong regulator and help PEGNL fulfill the mandate of the Act.



**Geoff Emberley,**  
P. Eng., MBA, FEC,  
CEO & Registrar

Engineering and geoscience work for the province of Newfoundland and Labrador is mostly done by those who live in the province, but a significant part of it is done elsewhere. In combination with the engineering and geoscience licensing authorities in the other provinces, and through our national organizations (Engineers Canada and Geoscientists Canada), we work to license those from elsewhere in a fair and responsive manner, while ensuring that standards for public safety and welfare are met.

### **Changes Primarily Impacting Those Registered with PEGNL**

In November 2017, a voluntary ethics course was launched on our website and has been well-received by our license holders and regulatory partners across the country who are considering a similar approach. We see that ethics training is a significant part of the professional development of PEGNL license holders. We are considering further online ethics courses as well as having an ethics component as part of the mandatory professional development program.

In addition, in 2017 we reviewed the concept of using digital signature technology. This review led to the adoption of this technology in 2018 in order to modernize and streamline the stamping process. PEGNL also revised the authentication guidelines to reflect this change.

### **Disciplinary Matters**

PEGNL manages allegations from the public or other professional license holders in a three-step process. Allegations may be resolved by agreement between the parties and the Registrar in some circumstances. However, if an allegation is not resolved at that level, it is passed to a committee of the Board of Directors called the Complaints Authorization Committee (CAC). If the CAC cannot resolve the allegation it is passed to a Disciplinary Tribunal.

The CAC's activity is detailed in the Professional Standards Director Report.

### **Working with Others**

Among PEGNL's key stakeholders are governments, especially provincial and municipal governments. Service NL is the government department that has charge of the Engineers and Geoscientists Act, and it is also the department whose staff review many engineering documents as part of their day-to-day activities.

We have identified opportunities in our government relations work, and have started new conversations with other departments. These relationships will not only help us inform our partners about the value of professional regulation, but also how our professional practice can be used more effectively.

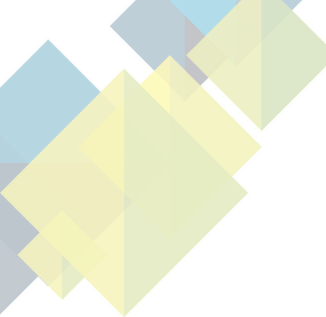
For the first time, PEGNL has also added the position of Communications Advisor in late 2017. The position will not only allow us to develop a strategic approach to stakeholder relations, but it will also enable PEGNL to further inform the public on the value of the professions, licensure, and our complaints process.

We continue to encourage people to consider a career in engineering or geoscience. PEGNL's major initiative for this is through National Engineering and Geoscience Month. Youth interest in engineering and geoscience careers is an important element to the future sustainability of our professions.

### **Finances**

Financial schedules from the Auditor's Report are included in the Annual Report.

PEGNL's reserves are an important part of our financial stability and our ability to respond to significant financial demands over what has been budgeted in any one year, such as legal costs arising from disciplinary or compliance cases. At year-end 2017, we have met our minimum reserve requirements as mandated by the Board, and are carrying a significant surplus beyond our reserve requirements. We expect to draw down these reserves over time as economic conditions change and costs increase, at which time a fee increase may



be required. We are projecting a net loss in 2018 of \$174,500 due to increased costs, but no significant increase in revenue. To fund the projected net loss we will be drawing down our surplus in 2018.

As a consequence of the foregoing, there was no increase in licensing fees assessed for 2018. Licensing fees have not increased since 2006. PEGNL fees continue to be among the lowest of professional regulators in the province.

### **Office and Systems**

Significant improvements were made in 2017. Not only is the new public area more professional looking, it is more functional and separate from staff areas, enabling better information security. As well, volunteer initiatives have greatly benefited from increased and enhanced meeting spaces.

During 2017 we evaluated and purchased a document digitizing system. In 2018, we are planning to scan files to increase efficiency and enhance security.

Proposals were distributed for a new client management system. The new system will allow for effective management of records and other information. It will also enable license holders to better interact online with PEGNL. Work completed in 2017 will allow for a choice of system and implementation in 2018.

### **Volunteers and Staff**

As a self-regulating professional organization, PEGNL could not operate without the dedicated efforts of volunteers. Approximately 200 volunteer engineers, geoscientists, and non license holders contribute many hours annually conducting PEGNL's regulatory and professional affairs. In addition to our professional license holders, we also thank our ministerial appointed representatives on the PEGNL Board of Directors and on the Disciplinary Panel. Volunteer names are noted later in this report.

In addition, 2017 saw a new approach to volunteers with initial discussions involving communication and database management at the forefront. These conversations are precursors to a new volunteer relations plan being developed for 2018.

In 2017, PEGNL license holders and staff were in significant leadership positions in national engineering and geoscience regulatory organizations. Jeff O'Keefe, P. Geo., P. Eng., FGC, is chair of the Board of Directors for Geoscientists Canada, and Dr. Dennis Peters, P. Eng., FEC, is chair of the Engineers Canada Canadian Engineering Qualifications Board. He will be succeeded in 2018 by Ron LeBlanc, P. Eng., FEC, also a license holder with PEGNL. Further, PEGNL COO and Deputy Registrar Mark Fewer, FEC(Hon), is chair of the National Admissions Official Group. There are a number of others also working on committees at the national level.

PEGNL staff faced many challenges in 2017, including increased disciplinary cases and compliance efforts, and changes associated with infrastructure improvements. We thank our staff for responding so well to this year's challenges.

We hope you find the Annual Report informative and engaging.

# INDEPENDENT AUDITOR'S REPORT

To the members of Professional Engineers and Geoscientists Newfoundland and Labrador,

We have audited the accompanying financial statements of Professional Engineers and Geoscientists Newfoundland and Labrador, which comprise the statement of financial position as at December 31, 2017, and the statements of operations, changes in net assets and cash flows for the year then ended, and a summary of significant accounting policies and other explanatory information.

## Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

## Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud

or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## Opinion

In our opinion, the financial statements present fairly, in all material respects, the financial position of Professional Engineers and Geoscientists Newfoundland and Labrador as at December 31, 2017, and the results of its operations and its cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

## Other Matters

The organization operates two charitable divisions, Professional Engineers and Geoscientists Newfoundland and Labrador-Endowment Fund and Professional Engineers and Geoscientists Newfoundland and Labrador-Future SET, that are not separately incorporated entities. These financial statements do not include the financial results of those operations. Rather, separate financial statements are issued for each.



Chartered Professional Accountants  
St. John's, Newfoundland and Labrador  
May 15, 2018

# STATEMENT OF FINANCIAL POSITION


## FOR THE YEAR ENDED DECEMBER 31

	DECEMBER 31, 2017	DECEMBER 31, 2016
<b>ASSETS</b>		
Cash	\$1,424,070	\$1,736,534
Investments	\$1,472,983	\$1,334,000
Accounts receivable	\$2,407	\$2,407
Prepaid expenses	\$11,313	\$11,313
<b>Subtotal</b>	<b>\$2,910,773</b>	<b>\$3,084,254</b>
Capital assets	\$174,550	\$43,576
Intangible asset	–	\$25,370
<b>Total</b>	<b>\$3,085,323</b>	<b>\$3,153,200</b>
<b>LIABILITIES</b>		
Accounts payable and accrued liabilities	\$173,609	\$177,826
Deferred income	\$1,070,807	\$1,110,927
Due to charitable divisions	\$7,631	\$6,001
<b>Subtotal</b>	<b>\$1,252,047</b>	<b>\$1,294,754</b>
<b>NET ASSETS</b>		
Unrestricted fund	\$1,026,661	\$1,212,973
Legal and miscellaneous contingency fund	\$474,049	\$451,423
Wind-up contingency fund	\$158,016	\$150,474
Invested in capital assets	\$174,550	\$43,576
<b>Subtotal</b>	<b>\$1,833,276</b>	<b>\$1,858,446</b>
<b>Total</b>	<b>\$3,085,323</b>	<b>\$3,153,200</b>

Approved on behalf of the Board of Directors:



Gerard Dunphy, P. Eng.,  
MBA, Chair



Geoff Emberley, P. Eng., MBA, FEC  
CEO & Registrar



# STATEMENT OF OPERATIONS

## FOR THE YEAR ENDED DECEMBER 31

REVENUE	BUDGET 2017	ACTUAL 2017	VARIANCE 2017	BUDGET 2018
Membership fees	\$1,090,000	\$1,097,218	\$7,218	\$1,115,000
Permit fees	\$390,000	\$412,364	\$22,364	\$421,000
Other	\$160,000	\$142,835	(\$17,165)	\$137,000
Registration fees	\$130,000	\$129,578	(\$422)	\$139,000
Interest and Investment Revenue	\$45,000	\$40,259	(\$4,741)	\$45,000
Conference revenue	\$25,000	\$19,822	(\$5,178)	\$25,000
Unrealized gain on investments*	–	\$28,949	\$28,949	–
Loss on disposal of capital assets	–	–	–	–
<b>Total</b>	<b>\$1,840,000</b>	<b>\$1,871,025</b>	<b>\$31,025</b>	<b>\$1,882,000</b>
EXPENSES				
Administration	\$507,250	\$508,300	\$1,050	\$518,500
Engineers Canada/Geoscientists Canada	\$105,000	\$84,427	(\$20,573)	\$88,000
Conference	\$50,000	\$51,935	\$1,935	\$50,000
Board governance	\$77,800	\$77,831	\$31	\$105,000
Internal and external communications	\$146,750	\$134,225	(\$12,525)	\$114,000
Meetings expense	\$18,200	\$13,541	(\$4,659)	\$19,000
Member services	\$24,000	\$21,456	(\$2,544)	\$27,000
Other	\$124,000	\$113,923	(\$10,077)	\$95,500
Professional fees	\$155,000	\$165,155	\$10,155	\$225,000
Salaries and benefits	\$730,000	\$676,586	(\$53,414)	\$775,000
Scholarships and donations	\$30,000	\$29,140	(\$860)	\$29,500
Travel	\$15,000	\$19,676	\$4,676	\$10,000
<b>Total</b>	<b>\$1,983,000</b>	<b>\$1,896,195</b>	<b>(\$86,805)</b>	<b>\$2,056,500</b>
<b>Excess (deficiency) of revenue over expenses</b>	<b>(\$143,000)</b>	<b>(\$25,170)</b>	<b>\$117,829</b>	<b>(\$174,500)</b>
<b>Capital and Intangible Asset Expenditures**</b>	<b>(\$120,000)</b>	<b>(\$158,672)</b>	<b>(\$38,672)</b>	<b>(\$150,000)</b>

\* Unrealized gain on investments amount represents an unrealized gain on long-term investments. This is a result of an increase in the market value of the long-term investments from December 31, 2016 to December 31, 2017.

\*\* Capital and Intangible Asset Expenditure amount represents gross cash expenditures for the year on tangible and intangible capital items. This line was not a part of the original Audited Statement of Operations, but has been added by PEGNL for information purposes only. The actual amount for 2017 is derived from the Audited Statement of Cash Flow.

# STATEMENT OF CASH FLOW

FOR THE YEAR ENDED DECEMBER 31

OPERATING ACTIVITIES	2017	2016
Cash receipts from customers	\$1,761,697	\$1,741,989
Cash paid to suppliers and employees	(\$1,847,344)	(\$1,820,375)
Interest and dividends received	\$47,997	\$53,682
<b>Cash flow from operating activities</b>	<b>(\$37,650)</b>	<b>(\$24,704)</b>
INVESTING ACTIVITIES		
Purchase of investments	(\$353,065)	(\$284,065)
Proceeds on disposal of investments	\$235,293	\$325,801
Acquisition of capital assets	(\$155,230)	(\$6,075)
Acquisition of intangible assets	(\$3,442)	(\$11,385)
<b>Cash flow from investing activities</b>	<b>(\$276,444)</b>	<b>\$24,276</b>
FINANCING ACTIVITIES		
Repayments from (to) charitable divisions	\$1,630	(\$137)
Repayment of obligation under capital lease	–	(\$1,542)
<b>Cash flow used by financing activities</b>	<b>\$1,630</b>	<b>(\$1,679)</b>
<b>Net decrease in cash</b>	<b>(\$312,464)</b>	<b>(\$2,107)</b>
Cash - beginning of year	\$1,736,534	\$1,738,641
<b>Cash - end of year</b>	<b>\$1,424,070</b>	<b>\$1,736,534</b>

\* Professional Engineers and Geoscientists of Newfoundland & Labrador (PEGNL) is the operating name of The Association of Professional Engineers and Geoscientists of Newfoundland & Labrador.

# SUMMARY OF REGISTRATIONS

## 2007–2017 (YEAR ENDING DECEMBER 31, 2017)

LICENSE CATEGORY	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Life Members	195	200	203	210	226	238	244	271	298	330	356
Professional Engineers	1947	2102	2175	2385	2755	3108	3362	3614	3808	3795	3956
Professional Geoscientists	203	207	222	246	252	294	296	306	325	320	332
Dual P. Eng./P. Geo.	11	12	12	12	13	13	14	15	12	12	13
Engineers-in-Training	308	320	339	359	360	398	482	523	523	532	529
Geoscientists-in-Training	38	49	47	45	42	51	58	55	58	74	62
Limited Licensee, Eng. L.	0	0	0	0	0	0	2	8	11	13	13
Limited Licensee, Geo. L.	0	0	0	0	0	0	0	0	0	0	1
<b>TOTAL LICENSES</b>	<b>2702</b>	<b>2890</b>	<b>2998</b>	<b>3257</b>	<b>3648</b>	<b>4102</b>	<b>4458</b>	<b>4792</b>	<b>5035</b>	<b>5076</b>	<b>5262</b>
Annual Growth	3.41%	6.96%	3.74%	8.64%	12.00%	12.45%	8.68%	7.49%	5.07%	0.81%	3.66%

PERMITS TO PRACTICE	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Engineering	280	311	314	321	366	426	486	510	534	544	578
Geoscience	26	27	25	24	22	26	26	28	31	28	25
Engineering & Geoscience	11	12	11	9	11	11	12	14	15	16	18
<b>TOTAL PERMITS TO PRACTICE</b>	<b>317</b>	<b>350</b>	<b>350</b>	<b>354</b>	<b>399</b>	<b>463</b>	<b>524</b>	<b>552</b>	<b>580</b>	<b>588</b>	<b>621</b>
	-2.76%	10.41%	0.00%	1.14%	12.71%	16.04%	13.17%	5.34%	5.07%	1.38%	5.61%

# REGISTRATION COMMITTEE REPORT 2017

**Dr. Steve Piercey, P. Geo.**



The PEGNL Registration Committee is the decision-making body for admissions categories of registration with PEGNL, including Professional Engineers, Professional Geoscientists, Engineers-In-Training, Geoscientists-In-Training, Limited Licensees, and permits to practice.

Registrations returned to a modest level of growth in 2017, compared to 2016 where PEGNL experienced its lowest growth total since 2007. Net registration of practitioners increased this year by approximately 3.6% over the past year. The total number of Professional Engineers and Professional Geoscientists grew by 4.2%, whereas the number of Members-In-Training decreased by approximately 2.5%. The number of permits to practice grew in 2017 by 5.6%, which is the highest permit growth since 2014.

In 2017, the committee held nine regular business meetings and two policy meetings. The committee evaluated a total of 187 applications for professional licensure; 172 applications for registration as Member-In-Training; two applications for limited licensure; 82 applications for permits to practice; and 119 permits to practice addition/revision requests. The committee also endorsed 273 applications for professional licensure as required under the Canadian Free Trade Agreement between provinces.

The Experience Review Committee (ERC), a sub-committee of the Registration Committee, assessed three files in 2017, and have continued with assessments in 2018. The Limited License Assessment Committee (LLAC), also a sub-committee of the Registration Committee, evaluated six new applications for limited licensure.

Volunteers are vital to our work, so thank you to all those volunteers who have helped with the ERC and LLAC review and interview process, as well as all members of the Registration Committee for their time, dedication, and expertise.

## REGISTRATION COMMITTEE

### EXECUTIVE

**Dr. Steve Piercey, P. Geo.**, Chair  
**Terry Gardiner, P. Eng., FEC**, Vice Chair  
**Dr. Leonard Lye, P. Eng., FEC**, Vice Chair

### MEMBERS

**Randy Gillespie, P. Geo.**, FGC  
**Nick Gillis, P. Eng.**  
**Dr. Ray Gosine, P. Eng.**, FEC  
**Dr. Kelly Hawboldt, P. Eng.**  
**Kim Kieley, P. Eng.**, FEC  
**Darin LeBlanc, P. Eng.**, FEC  
**Paul McDonald, P. Eng.**, FEC  
**Andrea Mills, P. Geo.**  
**Gary Murray, P. Eng.**  
**Paul Nolan, P. Eng.**, FEC  
**Dr. Kim Welford, P. Geo.**  
**Dr. Derek Wilton, P. Geo.**, FGC

### EXPERIENCE REVIEW COMMITTEE

**Terry Gardiner, P. Eng.**, FEC (Chair)  
**Dr. Leonard Lye, P. Eng.**, FEC (Vice Chair)  
**Dr. Kim Welford, P. Geo.**  
**Randy Gillespie, P. Geo.**, FGC

### LIMITED LICENSE ASSESSMENT COMMITTEE

**Gary Murray, P. Eng.** (Chair)  
**Darin LeBlanc, P. Eng.**, FEC (Vice Chair)  
**Derek Brown, P. Eng.**, FEC  
**Susan Caines, P. Eng.**  
**Bob Forbes, P. Eng.**  
**Dr. Eric Gill, P. Eng.**  
**Randy Gillespie, P. Geo.**, FGC  
**Bill Maybee, P. Eng.**  
**Chris Soper, P. Eng.**, FEC  
**Darlene Spracklin-Reid, P. Eng.**

### STAFF REPRESENTATIVES

**Geoff Emberley, P. Eng.**, MBA, FEC,  
CEO & Registrar  
**Mark Fewer, B. Comm.**, FEC (Hon),  
COO & Deputy Registrar  
**Lesley Oakley-Foster,**  
Registration Coordinator

# PROFESSIONAL STANDARDS REPORT

Janet Bradshaw, P. Eng., FEC



## Allegations and Disciplinary Activities

At the beginning of 2017 there were five active discipline files; four before the Complaints Authorization Committee (CAC) and one in the initial discipline stage. During the year, three new allegations were received by the Registrar and three others were filed by the Registrar. Four new cases were referred to the CAC during the year and the remaining three were still in the preliminary stages of the disciplinary process at year end. One case was dismissed, while three of the seven remaining cases before the CAC from 2017 were decided and closed early in 2018. No new cases were brought to the Disciplinary Tribunal.

An important improvement in timely processing of cases was made in 2017. The CAC now appoints an Investigative Team to conduct an investigation on each case and report its findings to the CAC as a whole for analysis and decision.

## Compliance and Enforcement Activities

Compliance and enforcement activities are mainly proactive and focused on ensuring that individuals and firms are made aware of the requirement to obtain appropriate licensure. Companies and individuals that appear to be practicing the professions or using protected titles but who are not licensed by PEGNL are contacted and informed of the legislative requirements.

## National Discipline and Enforcement Activities

The Discipline and Enforcement (D & E) staff at Engineers Canada, and the D & E representatives from the provinces and territories, met four times in 2017. There is a high level of co-operation among Canadian D & E officials, largely fostered by Engineers Canada. The collaboration is invaluable for the sharing of best practices across the country.

## Practice Standards and Guidelines

PEGNL updated the **Practice Guideline for Authenticating Professional Documents** in

December 2017 to include the option of digital authentication of professional documents.

## Complaints Authorization Committee Training

An educational seminar was delivered to PEGNL Board Members serving on the Complaints Authorization Committee.

## Ethics and Professional Practice Seminars

The following sessions on ethics and professional practice were held in 2017:

- A two-day seminar delivered five times (in January, March, June, September, and November) to applicants preparing to write the National Professional Practice and Ethics Exam.
- An ethics seminar to both Engineering and Earth Science graduating students.
- An introductory professionalism and ethics in the workplace lecture delivered twice (winter and fall semester) to first year engineering students about to embark on their first work term.
- An ethics and professionalism lecture to Term 5 engineering students.

## MEMBERS OF THE CAC FOR THIS PAST YEAR INCLUDE:

**Gerard Dunphy**, P. Eng., MBA (Vice Chair)

**Darlene Spracklin-Reid**, P. Eng.

**Natalie Hallett**, P. Eng., FEC

**Bill O'Keefe**, P. Eng.

**David Goosney**, P. Eng.

**Randy Gillespie**, P. Geo., FGC

**James Parmiter**, B. Comm., MBA

**David Pine**, FCA

The committee is supported by Janet Bradshaw, P. Eng., FEC, PEGNL Professional Standards Director.

# ENGINEERS CANADA REPORT

**Bill Hunt, P. Eng., FEC**



In response to research performed in 2016, Engineers Canada introduced the Governance, Strategic Planning and Consultation (GSPC) Project in 2017. The goal of the project is to provide an effective governance, strategic planning, and stakeholder consultation process that will ensure that Engineers Canada is undertaking the right activities, building the trust of its stakeholders, and achieving the results that the 12 member regulators expect.

As a first step in the process, it was necessary to clarify the purpose of the organization and ensure regulator alignment. Our organizational purpose was modified to clearer terms with a focus on the services provided by us to our member regulators.

The second step in the process was the development of a strategic plan to provide solid direction to the organization. At the time of this report's publication, and based on the revised purpose, the three year strategic plan has been developed and was out for consultation with the regulators. After regulator input, the plan will be finalized in early May with the goal of having the revised purpose and strategic plan approved by the regulators at the annual Meeting of Members in May.

While both the above steps impact the governance structure, a necessary third step was the reorganization of the policies governing the organization. The Governance Committee of the Engineers Canada Board has begun the process of revamping its entire policy manual to, among other issues, improve the methodology by which it provides direction to the Chief Executive Officer

to guide the organization. The revised manual was approved by the Board at a meeting in April 2018, and it is anticipated that it will continue to be improved over the course of the GSPC Project.

The accreditation of engineering programs continues to be a major focus of Engineers Canada. As reported last year, Engineers Canada committed to working with all stakeholders to reduce workloads associated with the accreditation process and drive innovation in our Higher Education Institutions programs while maintaining an accreditation system that meets the needs of the regulators. Resulting from this commitment, Engineers Canada developed the Accreditation Improvement Program. As part of that program, the Accreditation Unit Task Force was struck in July 2017 to address one of the most contentious issues—accounting for innovation and new learning methodologies in the accreditation system. Their report and recommendations were presented to the Engineers Canada Board in February 2018 and they are currently soliciting feedback from all stakeholders. The report is available on the Engineers Canada website at [www.engineerscanada.ca/accreditation/consultation-AU-task-force](http://www.engineerscanada.ca/accreditation/consultation-AU-task-force).

Engineers Canada is working on many other initiatives designed to promote engineering and assist our regulators.

Visit [www.engineerscanada.ca](http://www.engineerscanada.ca) for more information.

# GEOSCIENTISTS CANADA DIRECTOR REPORT

Jeff O'Keefe, P. Geo., P. Eng., FGC



2017 saw key activities and changes at the executive level of Geoscientists Canada. Our new CEO, Andrea Waldie, P. Geo., FGC, was hired in January 2018 after a seven-month search by a Board-appointed committee. She began her term on March 1, 2018.

For the past five years, Ms. Waldie has consulted on matters of governance and geoscience professionalism on a variety of projects. Prior to her consulting work, Ms. Waldie was the executive director and registrar of the Association of Professional Geoscientists of Ontario for six years.

Mr. Oliver Bonham, P. Geo., FGC, previous CEO of Geoscientists Canada, is retiring after 12 years at the position. We thank Oliver for his many years of service and dedication to the role.

Some of the other 2017 accomplishments include:

- A proposal to the Federal Government (ESDC) to take the Admissions Support Tool project to the next phase was approved in late 2017. This project will further assist the Constituent Associations (CAs) with admissions consideration of both internationally-trained and Canadian-trained geoscientists applying for licensure to practice their profession across Canada. The project is expected to take two years and will be funded at a cost of \$589,689.
- Geologist in Training Information Guides were approved by the Geoscientists Canada Board in April 2017. They were published and widely distributed to all associations as well as all Canadian universities.
- Geology for Society pamphlet project: A draft copy of the document has been circulated with subject matter experts in late 2017 and their comments have been incorporated.

The release of the document is scheduled for Q2 2018.

- Desired outcomes of the Implementation Plan have been focused on two broad categories of the Strategic Plan: Solution-Focused and Awareness/Advocacy-Focused.
  - » Solution-Focused:
    - Review of the Geoscience Knowledge and Experience requirements document
    - AST Phase II approval
  - » Awareness/Advocacy-Focused:
    - Qualified Person short course re-released
    - Active Leadership at Resource for Future Generation Conference in Vancouver, June 2018
    - Discussion with various groups such as Canadian European Trade Agreement Task Group
- A report proposing a Geoscience Practice Council to advise the GC Board and report on professional practice issues and guidelines. Such committees will contribute to common standards and best practices across the country.
- A number of events were either sponsored or attended by Geoscientists Canada, including GAC-MAC in Ottawa, AIGP in Nashville, Atlantic Universities Geological Conference in St. John's, and Canadian Science Policy Conference in Ottawa.

Overall, in 2017 there was a slight rise in geoscience registrations nationally among the CAs (not including Quebec) of about 1-2 % over year end 2017. The total number is over 14,000 Professional Geoscientists.

# AWARDS COMMITTEE REPORT

**Dr. John Quaiocoe**, P. Eng., FEC



The committee made nine recommendations this year for six awards. In addition to those recommendations, the Environment Committee solicited nominations and made a recommendation to the Awards Committee for the Environmental Award.

The Board of Directors considered and confirmed the following awardees:

## AWARD OF MERIT

**Dawn Evans-Lamswood**, P. Geo.

**Earl Ludlow**, P. Eng.

## HONORARY MEMBERSHIP

**Dr. Glyn George**

## AWARD FOR SERVICE

**Dr. Andrew Kerr**, P. Geo.

**Dr. Dennis Peters**, P. Eng., FEC

## EARLY ACCOMPLISHMENT AWARD

**Dr. Richard Wright**, P. Geo.

**Jeff Card**, P. Eng., FEC

## COMMUNITY SERVICE AWARD

**Kim Keating**, P. Eng.

## TEACHING AWARD

**Dr. Weimin Huang**, P. Eng.

## ENVIRONMENTAL AWARD

**River Ice Monitoring for Badger,  
Newfoundland and Labrador – C-Core**

The committee also initiated a successful application to the Order of Newfoundland and Labrador for Terry Goodyear, P. Eng., FEC,

in partnership with the Exploits Valley Resource Management Association, The Town of Grand Falls-Windsor and the Rotary Club of Grand Falls-Windsor, that was successful.

The committee also initiated an application to Engineers Canada for Dr. Ross Peters, P. Eng., FEC for the Meritorious Service Award for Professional Service that was successful.

PEGNL strives to recognize the leadership and dedication of our license holders, and input on nominations is very important. We encourage you to nominate someone who represents the best of engineering or geoscience for any of these awards next year. Nomination forms are available on the PEGNL website.

## AWARDS COMMITTEE

**Dr. John Quaiocoe**, P. Eng., FEC (Chair)

**Joanna Barnard**, P. Eng.

**Darryl Benson**, P. Eng., FEC

**Frank Blackwood**, P. Geo., FGC

**Ken Dominie**, P. Eng., FEC

**Sherry Dunsworth**, P. Geo.

**Geoff Emberley**, P. Eng., MBA, FEC

**Dr. Rex Gibbons**, P. Geo., FGC

**Bill Legge**, CET (Honorary PEGNL member)

## ENVIRONMENTAL AWARD SUBCOMMITTEE

**Kevin Power**, P. Eng., FEC (Chair)

**Chris Soper**, P. Eng., FEC

**Dorothea Hanchar**, P. Geo.



# ENDOWMENT FUND REPORT

**Frank Davis**, P. Eng., FEC

The Endowment Fund recognizes excellence in engineering and geoscience, and provides financial assistance to deserving students.

Each year, with the assistance of MUN's Engineering Faculty and Earth Science Department, students are encouraged to apply for these PEGNL scholarships and bursaries. Applications are reviewed and decisions are made to provide students with funding based on both the students' applications and the proceeds available from the Endowment Fund.

The Endowment Fund committee members meet on an as-required basis throughout the year to make recipient selections and to reassess investment strategy for the fund assets.

The assets of the fund as of December 31, 2017 were \$575,059 compared with \$557,145 as of December 31, 2016. The increase in Endowment Fund assets came from member donations, returns from investments, and increases in investments. At annual fee renewal time, or at any other time, please consider making a donation to the Endowment Fund. Tax deductible receipts are issued.

In 2017, the Endowment Fund committee disbursed \$25,875 based both on the performance of the fund and contributions, compared to \$25,000 in 2016.

Disbursements to Memorial University Engineering and Earth Science students were:

- Engineering Bursaries—three @ \$1,500 each, and ten @ \$1,125 each: total \$15,750
- Earth Science Bursaries—three @ \$1,500 each, and five @ \$1,125 each: total \$10,125

Students have communicated that the bursaries are very important to their ability to attend university and to do well, so we encourage you to contribute to the Endowment Fund at any time.

## ENDOWMENT FUND COMMITTEE

**Frank Davis**, P. Eng., FEC (Chair)

**Don Finch**, P. Eng., FEC (Past Chair)

**Peter Dimmell**, P. Geo., FGC

**Eric Jerrett**, P. Eng., FEC

**Steve McLean**, P. Eng., FEC

**Geoff Emberley**, P. Eng., MBA, FEC

**Jim Templeton** (financial advisor)

# PEGNL THANKS ITS 2017 VOLUNTEERS

**Sudeshna Abbott**, P. Eng.

**Michael Abbott**, P. Eng.

**Carolyn Anstey-Moore**, P. Geo.

**Gerry Antle**, P. Eng.

**Heather Appleby**, P. Eng.

**Matthew Appleby**, P. Eng.

**Ray Bailey**, P. Eng.

**Rob Baker**, P. Eng.

**Joanna Barnard**, P. Eng.

**Kenneth Bartlett**, P. Eng.

**Byron Bennett**, P. Eng.

**Scott Bennett**, P. Eng., FEC

**Darryl Benson**, P. Eng., FEC

**Frank Blackwood**, P. Geo., FGC

**Andrew Blundon**, P. Eng., FEC

**Lorne Boone**, P. Eng./P. Geo., FEC

**Keith Bowden**, P. Eng.

**Gary Bradshaw**, P. Eng.

**Leslie Bradshaw**, E.I.T.

**Derek Brown**, P. Eng., FEC

**Ford Burden**, E.I.T.

**Ken Butt**, P. Eng.

**Sarah Butt**, P. Eng.

**Susan Caines**, P. Eng.

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**Sherry Dunsworth**, P. Geo.

**Sean Dutton**

**Wilmore Eddy**, P. Eng.

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**Chad Fisher**, P. Eng.

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Colleen O'Keefe, P. Eng.  
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Amanda Rietze, G.I.T.  
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Darlene Spracklin-Reid, P. Eng.  
Rick Spurrell, P. Eng.  
Halcum Stanley  
Dr. Abigail Steel, P. Eng., FEC  
Clark Stokes, P. Eng.  
Jason Strickland, P. Eng.  
Jennifer Strong, P. Eng.  
Kathryn Sutherland, LL.B., FEC, P. Eng.  
Brian Taite, P. Eng.  
Craig Taite, P. Eng.  
Anne Tavernor, P. Eng.  
Martina Taylor  
Karen Traverse, P. Eng.  
Andrea Van Nostrand  
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Michael Walsh, P. Eng.  
Victoria Warford, P. Eng., FEC  
Dr. Kim Welford, P. Geo.  
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Cory Williams, P. Eng.  
Jennifer Williams, P. Eng., FEC  
Shawn Williams, P. Eng., FEC  
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Dr. Christopher Woodworth-Lynas, P. Geo.  
Douglas Yetman, P. Eng.  
Catherine Younge



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