



# ANNUAL REPORT

The Association of Professional Engineers and Geoscientists of British Columbia

2008/2009



## MANDATE

The Association of Professional Engineers and Geoscientists of BC governs and regulates the practice of professional engineering and professional geoscience in the province of British Columbia.

The Association sets and maintains the standards of admission, experience and practice of the professions, and is responsible for the professional conduct and discipline of professional engineers and professional geoscientists in BC.

The duties and objects of the Association are set out in the Engineers and Geoscientists Act:

4.1 (1) *It is the duty of the association:*

- (a) *to uphold and protect the public interest respecting the practice of professional engineering and the practice of professional geoscience,*
- (b) *to exercise its powers and functions, and perform its duties, under this Act, and*
- (c) *to enforce this Act.*

(2) *The association has the following objects:*

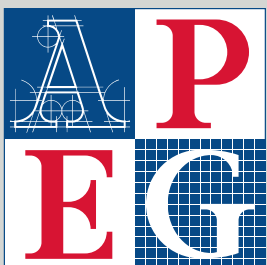
- (a) *subject to subsection (1), to uphold and protect the interests of its members and licensees;*
- (b) *to establish, maintain and enforce standards for the qualifications and practice of its members and licensees;*
- (c) *to promote the professions of professional engineering and professional geoscience.*

## OUR MISSION

To serve the public interest through regulation and leadership of the practice of professional engineering and professional geoscience in British Columbia.

## OUR VISION

To be the innovative regulatory leader respected by government, community and members in BC.



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## PRESIDENT'S REPORT

It has been a privilege to be able to serve as president, and it has been a rewarding year working as a team with Councillors, volunteers and staff.

It is Council's responsibility to plan and position the professions for the future—in a world of rapid technological advancement. A planning session in November charted the course for the year, and strategic plan priorities were set for continued work on the Association's long term objectives. Among the major items were: increasing financial capacity, Act amendments, continued work on the Professional Renewal Program and increasing member participation. (Council's updated work plan is available at: [www.apeg.bc.ca/about/documents/Council\\_Work\\_Plan\\_2008-2010.pdf](http://www.apeg.bc.ca/about/documents/Council_Work_Plan_2008-2010.pdf)).

The first issue that Council had to address was financial sustainability. Options were examined at length and the decision was made to go for a bylaw vote for a fee increase to a fixed amount. Members voted on the bylaw in April with 59.8% approval, short of the two-thirds required to pass. From available alternatives, Council approved a deficit budget for the year with cost reduction measures while maintaining essential regulatory duties. This was a difficult but necessary decision, and the Association is continuing its work to uphold the public interest with respect to the practices of professional engineering and geoscience to the best of its abilities.

Council also prioritized the issue of Act Amendments. In the last few years, the Association has had a number of discussions with government regarding amendments to the Engineers and Geoscientists Act. Our over 80-year old Act is in need of modernizing updates in keeping with changes in current practices in the province, as well as nationally.

Related to this is the need for a legislative model that adequately regulates the practice of engineering in BC, recognizing the respective roles of professional engineers and engineering technologists as a part of the engineering team. Provincial and territorial regulators of professional engineering have recognized that the current legislative model for regulating the practice of engineering is inadequate to meet the needs of all practitioners. To deal with these issues, engineering regulators working under the auspices of Engineers Canada approved a National Framework for Membership and Licensure to establish basic principles of a more comprehensive regulatory system. In BC, what activities a technologist can undertake without the supervision of a professional engineer has long been an issue. Council has set up a task force to examine various membership and licensure models. After evaluating various regulatory models, Council will decide on the proposition to be presented to government, and government will determine the model under which BC will regulate engineers and engineering technologists.

In March of this year, Council approved a motion to present a bylaw for mandatory compliance and reporting of professional development for member ratification. Currently, APEGBC is one of the few regulatory bodies in BC without a provision for mandatory reporting of professional development activities. Council acknowledged that



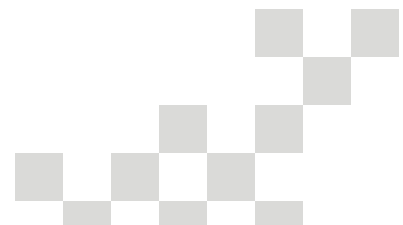
it is now standard for regulatory bodies to require professionals to participate and report ongoing professional development activities. Ratification of the bylaw would bring BC professional engineers and geoscientists into line with other professions in BC, and with their engineering and geoscience colleagues across the country.

To proactively position the professions for the future, Council embarked on a process to evaluate and develop best practices of governance. The Professional Renewal Task Force performed a review of Association processes and made a number of recommendations, drawing on feedback from the two Professional Renewal surveys. Council adopted recommendations from the Task Force regarding registration and experience guideline development, practice review, professional standards, public interest, mandatory continuing professional development, and enforcement. Recommendations reinforcing the Association's commitment to its mandate and code of ethics were also adopted. Implementation is underway; however until such time that funding becomes available, this task will proceed slowly.

Another of Council's major objectives is increasing member engagement and participation. Council is committed to creating an environment that supports members and applicants while maintaining its regulatory responsibilities. In April, Council approved a number of recommendations intended to support this objective. Other ongoing initiatives to better engage members have included the introduction of the Professional Member Convocation ceremony to formally welcome new professional members to the Association.

One year in the consideration of professions is a short period, but I am privileged to have been able to play a key role in moving strategic goals forward in the long-term sustainability of the professions. I would like to acknowledge the support of the 2008/2009 Council for their wonderful team work and the dedicated staff. Moreover, thanks to the many volunteers who contributed their time and expertise to our branches, divisions, committees, boards, and task forces. Working with all these people has made my year rewarding and memorable.

Dr Margaret Li PEng  
President



## EXECUTIVE DIRECTOR'S REPORT

It has been a great privilege for me to support the work of those committed to the care of the professions. President Li and all members of Council both elected and appointed, task force deliberators, branch partners, committee members and division leaders are supported by hundreds of members who mentor, interview, review, examine, develop and guide their peers. Through all this work the professions discharge their duty to the people of British Columbia to protect safety, health and the environment in the practice of professional geoscience and professional engineering. This is the work the administrative group strives to enable, support and deliver. It is the members' commitment and the delivery that earns the privilege to be self-regulating professions.

Our work this year was focused on the five goals set by Council:

1. To uphold and protect the public interest;
2. To earn public respect, trust and appreciation of the professions;
3. To advise government in achieving policy objectives;
4. To demonstrate best practices in organizational management; and
5. To engage and earn the respect of members.

Council translates these goals into specific objectives with a detailed work plan and explicit performance measures. A vitally important component of performance is the detailed review and evaluation of the executive director and registrar carried out by the executive committee of Council. Some examples of performance targets demonstrate their specificity. Producing three new and four updated guidelines exceeded targets.

The Professional Renewal Task Force beat its schedule by four months and was substantially under budget due to innovations in process. Time required to register applicants was adversely impacted by a court decision; however a new bylaw, policy refinement and hard work got us back on target of registering 95% of applicants from other Canadian jurisdictions within five working days. Professional development courses were developed and delivered to 2,365 members reaching 94.6% of the target. Government sought the professions' advice and guidance on several matters of public safety, eg, six-storey wood-frame building, forestry road standards and seismic upgrading of schools. Voter participation in the elections was 19.7% and in the fee vote was 39.3%. The external auditors report had no recommendations concerning problems needing attention. This surpassed Council's target.

Other work has delivered extensive upgrades to the IT systems. This is evidenced by the ease of voting, tabulation and reporting, which has saved about \$45,000 per voting event. Council and supportive members have done wide ranging and long-term strategic work on every aspect of self-regulation, on the legal framework that empowers the Association and on the policy support system essential to consistent operations.

Collaborative efforts through Engineers Canada and the Canadian Council of Professional Geoscientists enabled the professions to harmonize registration and licensing systems so that we are fully compliant with the Agreement on Internal Trade. Earlier work on the Trade, Investment and Labour Mobility Agreement gave us a head start.



Council established a financial sustainability policy which requires a detailed program evaluation annually. This year \$359,000 was targeted for redeployment. Two budgets were developed and approved, one based upon a fee increase to \$335 and the other, a deficit budget, if there was no fee increase. The ramifications have previously been reported in *Innovation*. The short-term implications are curtailment of travel, postponement of asset value protection expenditures and minimizing direct program cuts. Deficit budgets are not sustainable and will pose a major challenge for the future.

Overall, it has been an incredible year for the amount of creative work done by every component and aspect of the organization. The Fairness Panel, the appeal body for registration decisions, moved from concept to an effective, efficient and publicly applauded body, clearly the work of the innovative regulatory leader we strive to be.

Each day our code of ethics serves as a guiding light that influences and enlightens every aspect of professional practice. It transcends the work place and provides the courage to tackle the challenges that lie ahead. It has indeed been a privilege to serve and support a Council that is itself sustained by the commitment of so many in the care of the professions.

Respectfully,

A handwritten signature in blue ink, appearing to read 'Derek Doyle'.

Derek Doyle PEng MBA  
Executive Director and Registrar



## ASSOCIATION GOVERNANCE



Front row (L-R): Kevin Turner PEng, Matthew Cameron PEng, Emily Cheung PEng, Russ Kinghorn PEng, Dr Margaret Li PEng, Janet Benjamin PEng, Dr Joan Hansen OD, Joe Martignago, Jeff Holm PEng. Second row (L-R): Dr Glen Singleton PGeo, Michael Bapty PEng, Dr Marilyn Pattison, Claudia Ng PEng, Dr Mike Wrinch PEng, Michael Waberski BCLS, Bob Patrick PEng. (Not shown: Lee Failing PEng, Dr Philippe Kruchten PEng)

The Association of Professional Engineers and Geoscientists of BC is governed by a Council of elected members and government appointees. Council is accountable to the public through the Ministry of Advanced Education and Labour Market Development, and to the members for both governance and management of the Association.

In general, Council deals with matters relating to policy development and governance, while the Executive Director and staff team are responsible for operational matters.

The 2008-2010 Council Workplan is available online at [www.apeg.bc.ca/about/documents/Council\\_Work\\_Plan\\_2008-2010.pdf](http://www.apeg.bc.ca/about/documents/Council_Work_Plan_2008-2010.pdf)

### Key 2008/2009 Council Issues

- Strategic Service Plan
- Increase Public Profile
- Act Amendments
- Professional Renewal
- Performance Tracking
- Increase Member Participation
- Non-registrants
- Increase Practice Oversight and Consistency
- Increase Financial Capacity

#### PRESIDENT

Dr Margaret Li PEng

#### VICE PRESIDENT

Russ Kinghorn PEng

#### IMMEDIATE PAST PRESIDENT

Janet Benjamin PEng

#### COUNCILLORS

Michael Bapty PEng  
 Matt Cameron PEng  
 Emily Cheung PEng  
 Lee Failing PEng  
 Jeff Holm PEng  
 Dr Philippe Kruchten PEng  
 Claudia Ng PEng  
 Bob Patrick PEng  
 Dr Glen Singleton PGeo  
 Kevin Turner PEng  
 Dr Mike Wrinch PEng

#### GOVERNMENT APPOINTEES

Dr Joan Hansen OD  
 Joe Martignago  
 Dr Marilyn Pattison  
 Mike Waberski BCLS

## PROFESSIONAL RENEWAL

Last year, APEGBC launched an Association-wide quality assurance initiative. Termed *Professional Renewal*, this program of self-examination and stakeholder input is assessing how APEGBC's programs are meeting the expectation of effective and responsible self-regulation that protects the public.

The first action undertaken as a part of this program was consultation with the membership to identify those areas in need of refinement. Members identified eight major areas for review:

- Public Interest and Confidence
- Registration
- Practice Guidelines and Standards
- Practice Review
- Professional Development
- Enforcement against Non-registered Practice
- Investigation and Discipline
- Compliance Management

The Professional Renewal Task Force, after considering numerous program improvement strategies in each of the above areas, made recommendations to Council for action. Consultation with members, government and external stakeholders was also undertaken in support of this initiative. These recommendations are discussed throughout this report, but a more detailed look at specific recommendations and their implementation status can be found in the report of the Professional Renewal Task Force 2009 at [www.apegbc.ca/prtf](http://www.apegbc.ca/prtf).

This year, the Professional Renewal Task Force made recommendations in the following areas:

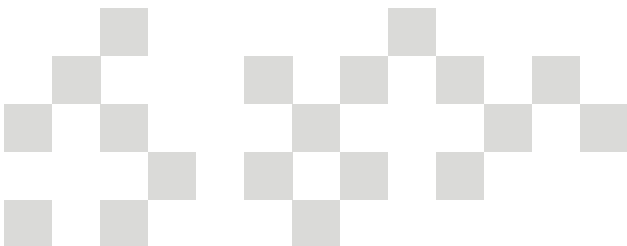
**PUBLIC CONFIDENCE AND CODE OF ETHICS** - The task force recommended that Council declare the centrality of the public interest to APEGBC's mandate, and promote and enhance the use of the Code of Ethics.

**REGISTRATION** – Recommendations were made for the creation of a web interface that will allow applicants for registration to monitor the progress of their applications, the development of discipline-specific and practice-specific competencies for assessing qualification, and the development of assessment tools for application reviewers, registration interviewers, candidates and employers.

**CONTINUING PROFESSIONAL DEVELOPMENT** – The task force recommended to Council that it support the implementation of a mandatory compliance with guideline, mandatory reporting program. A bylaw amendment instituting a mandatory compliance with guideline, mandatory reporting program is proceeding to a vote in fall 2009.

**PRACTICE REVIEW** – The implementation of a mandatory requirement for members to disclose their areas of practice was recommended by the Professional Renewal Task Force, as was a revision of the name of the practice review program to better reflect its role as an educational and professional development process. Recommendations were also made for use of a detailed analysis of results from completed practice reviews to identify demographic elements in the membership that demonstrate higher risk to the public, focusing reviews on these areas, and implementing a new funding model for the Practice Review Program based on cost recovery.

**PROFESSIONAL GUIDELINES AND STANDARDS** – Recommendations for Professional Guidelines and Standards included developing a national compendium of practice guidelines, working with government to prioritize the areas for which practice guidelines should be developed, developing guidelines for professional risk management and quality assurance programs, and offering training and education resources to members and employers for existing APEGBC practice guidelines.



## MEASURING OUR PERFORMANCE

### GOAL:

#### Uphold and protect public trust

##### DELIVERY:

##### Increase practice oversight and consistency

- Increased number of practice guidelines in place: 3 new guidelines and 4 updated; 15 total in place
- 186 practice reviews initiated
- 96% compliance with major practice requirements
- Mandatory CPD bylaw approved by Council for ratification
- New Act enforcement strategy approved by Council

##### Assure the currency, adequacy and relevancy of legislation, regulations and bylaws

- Self-reporting of unlawful or unethical conduct now required
- Met with government officials regarding legislative reform and liability period
- Commenced Act and bylaw rewrite process

##### Professional Renewal - Review of Association programs and mechanisms

- Task force recommendations for public interest, ethics, registration and professional standards examined and approved

### GOAL:

#### Engage and earn the respect of members

##### DELIVERY:

##### Increase member participation

- Over 1,000 member volunteers participated in APEGBC activities
- Increased attendance at CPD events to 2,365

##### Encourage volunteerism and build culture of professional care

- Over 300 volunteers recognized for long service with Engineers Canada Fellowships

##### Establish strong linkages with branches, divisions and committees

- Published 5 issues of The Link newsletter
- President's visits to all branches

##### Increase awareness to recruit potential members

- Career awareness video and materials developed
- Participation in Engineers Canada national advertising campaign
- University student engagement:
  - Presentations at schools throughout BC
  - Industry events
  - Student Facebook group launched
  - Career fair participation

### GOAL:

#### Advise government in achieving policy objectives

##### DELIVERY:

##### Identify key issues that affect the professions

- Collaboration with government on practice issues:
  - Labour force development and mobility
  - Seismic retrofit of schools
  - On-site sewage regulations
  - Environmental hazards
  - 5 and 6 storey wood-frame buildings
- Legislative reform discussions ongoing:
  - Ultimate limitation period
  - Act Rewrite
- Meetings held with officials in 12 ministries

### GOAL:

#### Earn public respect, trust and appreciation of the professions and the association

##### DELIVERY:

##### Increase public profile and educate the public

- Students reached through career awareness program (school visits, website and career events)
- Public opinion survey conducted and baselines established
- Advertising campaign (July - December 2008)
- Articles published in numerous publications; facilitated connections for media with engineering and geoscience experts
- Sponsorship of 10 external career awareness programs.
- Internationally Trained Engineer and EIT presentations and seminars on registration requirements

##### Enhance the transparency and fairness of the regulatory process

- Online registration resource manual developed and implemented
- Process improvements recommended by Fairness Panel implemented
- 40.9% Compliance with voluntary CPD guideline reported
- Registration polices enacted:
  - Return to Practice
  - English Language Competency
  - Fairness and Consistency Policies
  - Revisions re: compliance with AIT
- Guidelines for University Faculty, Project and Construction Management and Sales Engineering experience developed and piloted.

##### Enhance communications and accountability of the Association

- Service Plan updated
- Council workplan published
- Electronic voting introduced
- Online member portal enhanced

**GOAL:****Demonstrate best practices in organizational management and governance in Canada****DELIVERY:****Registration decision timelines and mobility**

- Reduced timeline for transfers within Canada to <5 business days from complete application to decision
- Reduced timelines for most Canadian trained PEng and PGeo applicants to <40 business days from complete application to decision
- Reduced registration decision timelines for most internationally trained PEng and PGeo applicants to <60 business days from complete application to decision
- Signed professional level mobility agreement with Engineers Ireland
- Compliant with TILMA and AIT

**Increase financial capacity**

- Compliance with sustainable financial policy with the exception of adequate revenue generated from the annual member fee
- Revenue generated from non-fee related sources was \$3.1 million
- Net operating income of \$375,000 before appropriations to designated funds
- Net operating expenses a 96.2% of total operating revenue
- Operating expenses (gross) of \$336,000 per 1,000 members

**Ensure accountability**

- Full compliance with Canadian generally accepted accounting principles and generally accepted auditing standards
- Strategic plan and council work plan published with status updates

**Ensure effective governance structures, processes and timely decision making**

- Registration application workflows reviewed, enhanced and monitored
- Metrics developed for complaint file processing time

*Dr Brent Ward PGeo***MAINTAINING OUR STANDARDS**

Supporting APEGBC's mandate of self-regulation, volunteers and staff commit thousands of hours to evaluating applications, interviewing, reviewing documentation, and supervising and mentoring applicants.

Dr Brent Ward PGeo has been a dedicated volunteer for many years. As an application reviewer, Brent evaluates the work experience and references of applicants for professional membership and determines if they have met the requirements for registration.

By actively participating in this process, APEGBC members have a hands-on role in maintaining the Association's standards of admissions.

*"APEGBC relies on volunteer members to provide the professional expertise to aid hard working staff members keep the organization operating. Although time consuming, I find volunteering for APEGBC to be very satisfying and an important part of my professional responsibility"*

**DR BRENT WARD PGeo**

## REGISTRATION | TRAINING, LICENSING AND MOBILITY

In evaluating the qualifications of future professional engineers, professional geoscientists and licensees, APEGBC strives to ensure that applicants understand the process, and that the registration policies and processes are efficient, effective, fair and transparent, while maintaining the standards of entry to practice that allow us to meet our duty of protecting and upholding the public interest.

### Efficiency, Effectiveness and Transparency

In the past year, several programs were advanced to facilitate recognition of qualifications.

To further our work in the field of competency-based assessment, APEGBC applied for and received a grant from the Ministry of Advanced Education and Labour Market Development to develop a competency-based assessment pilot program for engineering applicants in three areas of practice: municipal infrastructure, power distribution/transmission, and industrial and structural. In collaboration with three employer partners (Associated Engineering, BC Hydro and the Ministry of Transportation) and Engineers Canada, APEGBC is developing general and discipline-specific competency framework, training and assessment tools with the objective that applicants, employers and APEGBC assessors may evaluate qualifications for registration on the same platform, making clear the specific activities and levels of achievement that will be required to qualify for registration.

To more effectively use its volunteer resources, APEGBC's Registration Committee initiated a pilot program for expedited processing of new applications based on a set of objective factors. To date, this program has resulted in the approval of the experience of several applicants, both locally and internationally trained, within 30 days of receipt of a complete application.

The Registration Task Force and Committee also piloted several guidelines for applicants working in project management, sales engineering and also for university faculty, to recognize their specialized credentials, while assuring compliance with the requirements for registration.

In the area of technology improvement, work continues on the development of an intuitive web interface that will provide applicants for membership with a secure web portal that will allow them to monitor and manage their application for registration or licence. This portal will also include an improved EIT/GIT online experience and reporting feedback system. It is anticipated that the new system will be available in the spring of 2010.

Finally, Council approved a Return to Practice Policy that took effect on January 1, 2009. The policy requires former and non-practising members to prove competency to practise through a graduated series of requirements, based on time spent without practice rights. Requirements include proof of current relevant experience, supporting references, professional development and, in certain cases, the Professional Practice Examination and/or the Law and Ethics Seminar. Former members who hold practising status in another Canadian jurisdiction are exempt from these requirements and are assessed in accordance with the provisions of the Inter-Association Mobility Agreement, TILMA and the Agreement on Internal Trade.

### Fairness and Consistency

The Fairness Panel, instituted early in December 2007, completed its first full year of operation. A significant and positive addition to the registration process, the Fairness Panel reviewed 21 appeals, making recommendations for further review or action in 10 instances. Its deliberations also resulted in the development and approval by Council of two new policies and a guideline related to registration fairness.

The independent, non-statutory panel consists of two senior members who have past service both on Council and on the Registration Committee, who are, in turn, supported by professional advisors in each area of practice. If an appeal on an application for registration is made, the Fairness Panel examines the fairness of the process followed and provides a recommendation to the Registration Committee. If the Registration Committee disagrees with the Fairness Panel's recommendation, the matter is referred to Council for a decision.

### Outreach and Counselling

APEGBC is focused on supporting local engineering and geoscience graduates by bringing awareness of the professions to the universities, colleges and polytechnics and support to students in seamlessly integrating into APEGBC's training programs. The Association regularly visits universities and colleges around the province to provide continuity to those in the student programs by introducing them to the professions and the requirements for training and registration.

APEGBC also collaborates with the branches, employers of engineers- and geoscientists-in-training and university faculty by conducting seminars on the requirements for registration, and providing one-on-one counselling and appointing 'registration contact points' at both the employer and APEGBC to facilitate processing and advice for applicants.

In the last year, 45% of new applicants for professional registration were trained outside of Canada, the top countries of origin being China, Iran, Romania, the United Kingdom and the United States. APEGBC continues to participate in government, regulatory and business advisory and working groups on recognition and integration of internationally trained professionals, and provides outreach and advice to internationally trained engineers and geoscientists on a one-on-one basis and through presentations facilitated by its branches and divisions, immigrant-serving organizations and others.



## Mobility of Qualifications

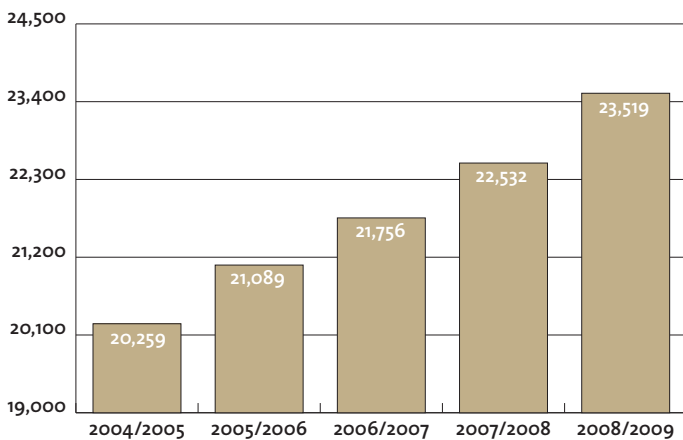
The engineering and geoscience professions in Canada continue to work towards facilitating the mobility of professional services required to sustain economic growth in British Columbia and Canada. Through its participation in Engineers Canada, APEGBC was a signatory to a mutual recognition agreement (MRA) with Engineers Ireland. Four such agreements are now in effect: the NAFTA Mutual Recognition Document (with Texas and Mexico), and MRAs with Engineers Australia and the Hong Kong Institution of Engineers. This year, the number of signatories to the Washington Accord was expanded to include engineering programs accredited by the Board of Engineers Malaysia, bringing the number of countries with engineering academic programs that are recognized as substantially equivalent to those accredited by the Canadian Engineering Accreditation Board to 16.

Early in 2009, APEGBC affirmed its compliance with the Agreement on Internal Trade and the BC-Alberta Trade Investment and Labour Mobility Agreement, which came into effect on April 1, assuring mobility of qualifications for professional engineers and professional geoscientists across provincial and territorial borders. Applicants already registered in other Canadian jurisdictions are usually registered within a week of receipt of a complete application.

## Professional Renewal – Registration Processes

As a part of the Professional Renewal initiative—an assessment of how APEGBC’s programs are meeting the expectation of effective and responsible self-regulation—the Professional Renewal Task Force carried out a review of registration processes. In December 2008, Council approved a series of recommendations put forward by the task force that are now in the process of being implemented. These comprise the implementation of the web interface and core and discipline-specific competency assessment projects mentioned above, and a policy on English Language Competency for Practice that was approved by Council in June 2009. This policy applies to all applicants and sets out several ways by which an applicant can prove that they have, in accordance with Association bylaws, “obtained the necessary level of competency in English to practise engineering or geoscience in British Columbia.” In conjunction with the implementation of the policy, the Professional Practice Examination essay will be eliminated, bringing APEGBC into line with several other Canadian jurisdictions.

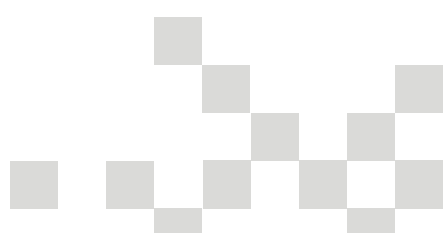
**APEGBC FIVE-YEAR MEMBERSHIP GROWTH**



**APEGBC MEMBERSHIP AS AT JUNE 30, 2009**

Professional Engineers	18,611
Professional Geoscientists	1,345
Dual Registration (PEng/PGeo)	71
Provisional Members (Eng)	12
Engineers-in-Training	2,990
Geoscientists-in-Training	199
Non-Resident Licence (PEng)	219
Non-Resident Licence (PGeo)	25
Limited Licences (EngL)*	45
Limited Licence (Geol)	2
<b>TOTAL MEMBERSHIP**</b>	<b>23,519</b>

\* Does not include Professional Geoscientists who also hold a Limited Licence in Engineering  
 \*\* Not including student members



## PROFESSIONAL STANDARDS | REGULATING ENGINEERING AND GEOSCIENCE PRACTICE

High standards of practice set BC's professional engineers and professional geoscientists apart from the crowd. APEGBC maintains these standards by regulating the professional practice of engineers and geoscientists for the safety of the public and protection of the environment through proactive regulatory tools. These include practice review, practice guideline development and professional development. We also work collaboratively with government and other organizations to address the issues and standards that affect engineering and geoscience practice in BC.

### Practice Review Program

The Association's Practice Review Program is a valuable tool for quality assurance, as well as an educational and professional development process for the benefit of the membership. A practice review involves a general review of a member's practice including scope of practice, technical competence, quality assurance, use of seal and record keeping. Council determines the proportion of reviews to be conducted in specific disciplines, from which members are randomly selected. This makes up over 97% of practice reviews carried out; the remaining may be performed as a result of a discipline hearing.

Since the program's inception, 80% of reviewed members have been found in compliance and 16% have required practice improvement. The remaining 4% have been directed to the Investigation Committee and/or the member signed a letter of undertaking to address the issues raised in the practice review.

The most common practice deficiencies identified in practice reviews continue to relate to matters involving compliance with the quality assurance requirements under the Engineers and Geoscientists Act including maintenance of appropriate design and review files, formalized in-house checking procedures, use of seal, and following the appropriate practice guidelines.

This year, 186 members were randomly selected for practice review. The committee approved 17 requests for exemption and refused 3. The number of files adjudicated by the Committee totaled 141. The remaining files were carried forward for further review. For the third year, Limited Licensees were practice reviewed. Of the five reviewed this year, one required practice improvement. Of the 18 limited licensees practice reviewed to date, all except two were found in compliance and of those two both required practice improvement. Since 1995, practice reviews have been completed for 1,393 members and 18 limited licensees.

### Practice Guideline Development

Professional practice guidelines set out the standards of practice that engineers and geoscientists should uphold in providing professional services in a particular field of expertise. This year, four new guidelines were approved:

- *APEGBC Technical and Practice Bulletin – Structural, Fire Protection and Building Envelope Professional Engineering Services for 5 and 6*

*Storey Wood-frame Residential Building Projects (Mid-Rise Buildings)*

- *Bulletin 34: Building Envelope Services – Appropriate Professional Practice and Model Schedules C and C–D (Joint initiative with AIBC)*
- *APEGBC/CEBC Guidelines on Intellectual Property*
- *APEGBC/CEBC Budget Guidelines for Consulting Engineering Services – 2009.*

Updates to the following guidelines were made:

- *APEGBC Guidelines for Professional Structural Engineering Services for Part 3 Building Projects*
- *Bulletin 1: Use of Seal (updated to recognize use of digital signature and electronic seal)*
- *APEGBC/CEBC Guidelines on Intellectual Property (updated for use by AIBC).*

### Working Collaboratively

The Association works extensively with government and other professional associations to address a wide range of issues related to engineering and geoscience practice that have an impact on both the public, and APEGBC members and licensees.

This year, APEGBC:

- Continued its work under a \$2.1 million contract with the Ministry of Education towards the development of technical guidelines for the performance-based seismic assessment and retrofit of BC schools
- Continued development of the APEGBC/ABCFFP (Association of BC Forest Professionals) *Guidelines for Professional Practice in the Forest Sector – Forest Roads* with the \$100,000 in funding received from the Ministry of Forests.
- Received \$100,000 in funding from the provincial government's Building and Safety Policy Branch for the development of the *APEGBC Technical and Practice Bulletin – Structural, Fire Protection and Building Envelope Professional Engineering Services for Mid-Rise Buildings*
- Submitted a detailed proposal requesting \$100,000 in funding to develop an APEGBC practice guideline for flood hazard and risk assessments at request of the BC Ministry of Environment
- Approved and implemented a secure digital signature and electronic seal technology system jointly with AIBC (to date 48 licenses for this technology have been purchased by APEGBC members)
- Prepared a detailed submission regarding on-site sewerage system regulations at the request of Health Protection, BC Ministry of Healthy Living and Sport
- At the request of the BC Coroner's office, submitted a detailed response to the recommendations made by the coroner's office regarding the Blue Ridge landslide which occurred in the District of North Vancouver
- Provided written submissions to the National Building Code Working Group reviewing lateral design requirements for Part 9 Buildings
- Responded to proposed changes to the National Building Code which are part of the code change process for NBC 2010

- Provided to the Applied Science Technologists and Technicians of BC (ASTTBC) required revisions to the ASTTBC Guide to Professional Practice in Fire Protection Engineering Technology Services for Building Projects so that they are consistent with the Engineers and Geoscientists Act.

## Continuing Professional Development - Member Requirements

For the past two and a half years APEGBC has had a Continuing Professional Development (CPD) Guideline in place whereby members could voluntarily participate and report their compliance. For the 2008 reporting year, 40.9% of practising members declared that they were voluntarily complying with the CPD Guideline. This is slightly lower than the 41.4% of members who reported compliance in 2007. The question of whether to institute a mandatory CPD program has been under consideration by a number of committees, task forces, and Councils over the past two decades, and has been extensively reviewed by the Professional Renewal Task Force. In the spring of 2009, APEGBC Council passed a motion to support the implementation of a program of mandatory reporting and compliance with CPD Guideline. In the fall of 2009, members will be asked to ratify a bylaw committing practising members to undertake a minimum amount of professional development each year and to report annually that this requirement has been met. If passed, this will bring BC professional engineers and geoscientists into line with the vast majority of self-regulated professions as well as with their counterparts across the country.

## Quality Assurance in Professional Practice

Throughout the year, APEGBC has continued to develop strategies to address the two fundamental levels of influence that impact how the professions of engineering and geoscience are performed in British Columbia. These two levels of influence occur at the individual level through the practice of the professions by APEGBC members, and at the organizational level through the entities that employ professional engineers and geoscientists and provide products and services requiring the application of professional engineering or geoscience.

As a part of the Professional Renewal initiative—a program assessing how APEGBC's programs are meeting the expectation of effective and responsible self-regulation—the Professional Renewal Task Force carried out a fundamental review of the regulatory tools APEGBC has in place to deal with how the practice of the professions are influenced at both the individual and organizational levels.

The review found that while APEGBC has a number of regulatory tools in place to deal with how professional engineering and geoscience is practiced by individuals (practice review, practice guidelines, continuing professional development, investigation and discipline), the Association has not yet implemented programs that promote high standards in the use of professional risk management and quality assurance by organizations, which in turn have a direct influence on how the professions of engineering and geoscience are



*Bob Gerath PGeo*

### CONTRIBUTING TO EXCELLENCE IN PROFESSIONAL PRACTICE

With the support of staff and numerous volunteers, APEGBC upholds and protects the public interest respecting the practices of professional engineers and professional geoscientists through the development of practice guidelines, technical bulletins, agreements with other professions, the Practice Review Program and various Committees.

Bob Gerath PGeo has been a dedicated volunteer since 1992. He has served on the Practice Review Committee since 1997 and as chair since 2004. Bob has volunteered countless hours and has also co-authored a number of APEGBC guidelines.

The work of many volunteers enable APEGBC to maintain the high standards of professional practice that British Columbians have come to expect, through a comprehensive peer review system.

*"I first volunteered because I'd worked for geotechnical engineering firms before and after my degree programs and I was attracted to our dual-discipline organization. I've gained many professional insights during volunteer activities and urge others to devote their time."*

**BOB GERATH PGeo**

practised. It became clear that APEGBC could more effectively deliver on the primary mandate "to uphold and protect the public interest respecting the practice of professional engineering and the practice of professional geosciences" by advancing professional risk management and quality assurance programs in organizations that provide products and/or services requiring the application of professional engineering or geoscience.

As a result of this review, APEGBC Council approved four recommendations regarding practice guidelines and standards which include:

- Developing a national compendium of practice guidelines
- Developing a strategic approach in working with government to prioritize areas of practice for which practice guidelines should be prepared
- Developing professional risk management and quality assurance guidelines for use by BC organizations providing engineering/geoscience services
- Making APEGBC guidelines available through various media (workshops, web-based materials, etc)

In addition Council approved three major recommendations regarding the Practice Review Program:

- Use a detailed analysis of results from completed practice reviews to identify demographic elements within the membership whose practices are in greatest need of support
- Implement a mandatory process whereby members are required to provide APEGBC, on an annual basis, specific information on the nature of their practice so the Association can better direct professional development and guidance to those demographic elements within a given field of practice which are in greatest need of support
- Proceed with the implementation of a voluntary professional risk management and quality assurance program by first establishing a working group that will guide the development of a pilot program and include representatives from different sectors involving the practice of professional engineering and geoscience.

The most significant component of these recommendations is the move into developing a voluntary professional risk management and quality assurance program for organizations. As a first step, a quality assurance manual will be developed to address the basic quality management requirements under the Engineers and Geoscientists Act and Bylaws including: maintenance of design and review files; in-house checking procedures and peer review; concept review procedures for structural designs; use of seal; liability insurance; the application within the organization of “direct supervision” as defined in the Engineers and Geoscientists Act; field review procedures; and application of relevant APEGBC practice guidelines.

## Sustainability

APEGBC is committed to supporting and encouraging sustainability—the concept of meeting the needs of the present without compromising the ability of future generations to meet their needs. APEGBC’s Sustainability Committee works to increase members’ knowledge of sustainable best practices and supports Council’s efforts to incorporate sustainability into Association operations. This year, the Association undertook a greenhouse gas study to explore ways to reduce emissions from its offices. Recommendations from the study are in the process of being implemented. APEGBC also presented several professional development courses on topics related to sustainability and will be presenting a sustainability stream at the Annual Conference.

## Climate Change Task Force

In early 2009, Council established a Climate Change Task Force to recommend to Council a strategic plan for this issue that identifies risks and describes opportunities within APEGBC’s regulatory role. The plan will be presented to Council for approval in December 2009.



## ETHICAL CONDUCT | DISCIPLINE AND ENFORCEMENT

The Association has the duty to maintain the public's trust in the professions. It does this by investigating complaints against members<sup>1</sup>, disciplining members where warranted, and taking enforcement action against unauthorized practice or use of restricted titles by non-members. APEGBC's investigation, discipline and enforcement processes are designed so that all parties are treated fairly.

### The Complaint Process

Complaints against members may come from the public, other regulatory bodies or other members. APEGBC's Investigation Committee can also commence an investigation whenever it considers it appropriate. APEGBC has the duty to investigate allegations that a member has fallen below the standards of acceptable conduct.

When a complaint against a member is filed, it is reviewed by staff to determine if the matter is within the jurisdiction of the Association and if adequate information and documentation has been provided. If so, an investigation is initiated and a response to the complaint is requested from the member. The complaint, the member's response, and comments on the response from the complainant are reviewed by a member appointed by the Registrar. This "designated reviewer" decides whether the matter should be investigated further or the complaint file closed. If further investigation is warranted, the matter proceeds to the Investigation Committee, which comprises senior members of the professions.

After it has completed its investigation, the Investigation Committee must decide whether there are reasonable and probable grounds to believe that the member has breached the Act, Bylaws or Code of Ethics, in which case it must recommend to the Discipline Committee that an inquiry be held. If there are not "reasonable and probable grounds" the Investigation Committee must close the file. When closing the file, the Investigation Committee can, and often does, make recommendations to the member as to how his or her practice could be improved.

### Complaint Resolution

On average, about 10 – 20% of complaints proceed to an inquiry. The remainder are closed by either the designated reviewer or the Investigation Committee. Only those cases where the Investigation Committee feels there is sufficient evidence of unprofessional conduct proceed to discipline.

Before an inquiry is held, a panel of Discipline Committee members reviews the investigation file and the Notice of Inquiry, and based on that review a Consent Order offer is made. In the majority of cases the Consent Order is accepted by the member. If the offer is rejected, an inquiry will be held before a different panel of Discipline Committee members, who will determine if the member is liable or not. If a member is found liable, the panel will impose an appropriate penalty and may also assess legal costs against the member.



Clint Low PEng StructEng

### A DUTY TO THE PUBLIC TRUST

A key function of the Association is to establish, monitor and enforce standards of conduct for its members. Members of the Investigation and Discipline Committees are instrumental in this aspect of the Association's regulatory role. As a self-regulating body, the participation of professional members in this work is key to maintaining public trust.

Clint Low PEng StructEng has been a member of the Investigation Committee for a number of years, and has testified at inquiries on behalf of APEGBC. Additionally, Clint has made a significant contribution to the Seismic Risk Assessment and Retrofitting of schools. Even with numerous career demands, Clint is always willing to take initiative and volunteer his time.

*"Volunteer work within the engineering profession seems like a natural thing to do given the opportunities and rewards professional engineering has provided me. Volunteer activities at APEGBC have been an excellent opportunity to learn, meet fellow engineers, and to give back to the profession that has served me so well."*

CLINT LOW PENG STRUCTENG

### Transparency and Accountability

If a complaint file is closed by the designated reviewer or the Investigation Committee, the member and the complainant are provided with the reasons for that decision. If a matter proceeds to discipline and the member is found liable, APEGBC publishes the decision of the Discipline Committee on its website and summaries are published in the Association's e-newsletter and print magazine. Municipalities and relevant government agencies throughout the province are notified of disciplinary actions against members, as is every engineering and geoscience regulator in Canada.

<sup>1</sup> The power to investigate extends to current and former members and licensees

## Enforcement

Section 22 of the Engineers and Geoscientists Act provides Association members with the right to practice engineering or geoscience and the right to use certain professional titles. The Association has an enforcement procedure to take action against individuals who are not licensed members, or companies that do not employ members and are providing or offering to provide professional engineering or geoscience services, or are using a restricted title.

If a company or individual is found to be in violation of Section 22 of the Act, and refuses to accept the Association's suggested resolution, legal action may be sought to prevent that company or individual from continuing unauthorized practice or use of a restricted title. Damages of up to \$25,000 may be assessed.

## Current Progress

In June, Council approved a number of recommendations related to enforcement presented by the Professional Renewal Task Force. Unfortunately, although the cost of the options is modest, the Association does not currently possess the financial resources to implement them. Annual Enforcement Reports will be presented to Council to allow it to set priorities in accordance with available resources.

The Professional Renewal Task Force is also reviewing a number of issues relating to investigation and discipline and will be making its recommendations to Council in September 2009.

## Investigation and Discipline Activities

Investigation Files	
Files carried forward from previous years	27
New Files Opened in this year	29
Investigation Files Closed in this year	34
Files sent to Discipline	6
<b>Total files open at end of this year</b>	<b>16</b>

Discipline Files	
Files carried forward from previous years	2
Files from Investigation	6
Discipline Files Closed in this year	5
<b>Total files open at end of this year</b>	<b>3</b>

## Incoming Complaints for 2008/2009

Nature of Complaint		
Practice	Competency - Where it is alleged that the member was not qualified by training or experience to do the work	19
	Care - Where it is alleged that the member provided an opinion without adequate knowledge and honest conviction of the facts.	7
	Capacity - Where the allegations or facts suggest that the member's ability to practice may be compromised	0
Ethics	Conflict - Where it is alleged that the member had a conflict of interest.	1
	Courtesy - Where it is alleged that the member has been discourteous	2
Other		0
<b>Total</b>		<b>29</b>

## Outcomes from Complaints

Investigation Files	
Files closed by Designated Reviewer	18
Files closed by Investigation Committee	16
<b>Total investigation files closed</b>	<b>34</b>

Discipline Files	
Member found not liable at inquiry	0
Member found liable at inquiry	3
Consent Order accepted by member	0
Agreement accepted by member	2
<b>Total discipline files closed</b>	<b>5</b>

## Dispositions

*Discipline	
Not Liabile	0
Revoke	0
Suspend	1
Practice Restrictions	0
Practice Review	3
Upgrade (courses, exams, etc.)	0
Fine	0
Other	1
Pending Files	3
<b>Total</b>	<b>8</b>

\* Only the most serious penalty is listed.

### Investigation Committee

Letter of Recommendation (Investigation Committee)	11
Closed without Letter of Recommendation (Designated Reviewer or Investigation Committee)	23
<b>Total</b>	<b>34</b>

## Enforcement Activities

### Summary

Files Carried Forward from Previous Years	29
Files Opened in this year	33
Files Closed in this year	44
<b>Total files open at end of this year</b>	<b>18</b>

### Enforcement Cases

Use of Title - Individual	13
Practice by non-member	15
Company practicing without members on active staff	4
Company name includes a restricted word	1
Other	0
<b>Total</b>	<b>33</b>

### Enforcement Outcomes

Files closed by Staff	41
Injunctions granted	3
<b>Total</b>	<b>44</b>



## COMMUNICATIONS AND MEMBER SERVICES | ENGAGING AT ALL LEVELS

### Communications

The Association has a number of key audiences—the over 26,000 professional engineers, geoscientists, licensees and students who constitute APEGBC’s membership; industry; government at all levels; and the public at large. We work in a number of ways to promote the professions, foster career awareness and build positive relationships with stakeholders.

#### Member Engagement

One of Council’s key objectives this year was to find ways to better engage members of APEGBC—getting members to vote, provide feedback on important regulatory issues and participate in association governance. Staff was directed to review current member engagement initiatives and explore options for improvement. Council also determined that all policies brought for their approval will be decided first with the public interest in mind but where possible, member support and engagement will be a key consideration. To ensure that member engagement is a focus for decisions, Council agreed to appoint a Council member in the role of “member advocate” for each Council meeting.

APEGBC currently has a number of media through which members are kept informed about the activities of the Association:

- *Innovation* magazine – Print journal published bi-monthly
- *Connections* E-newsletter – Monthly e-mail newsletter
- *The Link* – E-mail newsletter circulated to committee, board, task force, division and branch chairs following each Council meeting.
- Professional Development Events e-mail.

This year, a number of new member engagement services were introduced including:

**Electronic voting** - In the spring of 2008, government amended the Engineers and Geoscientists Act enabling electronic voting. Now, voting for Council elections and bylaw amendments no longer needs to occur through a letter mail ballot, and can instead be conducted via the internet. This may be a contributing factor in improving member participation for bylaw amendments with 39.3% of members voting in the spring fee bylaw amendment ballot. In the past decade, voter participation has ranged from 18 – 32%.

**Member Handbook** – This print handbook, provided to all new members, explains APEGBC processes, services and opportunities. It is available for download on the APEGBC website through the member portal.

**New Member Convocation** – Previously, new professional members were mailed their certificates and invited to their local branch to meet with colleagues and to take the invocation oath. This year, a new ceremony was introduced where new members were invited to Vancouver to receive their certificates from APEGBC’s president and to confirm their commitment to the profession through their invocation oath. This has been a wonderful opportunity to meet and engage new members.

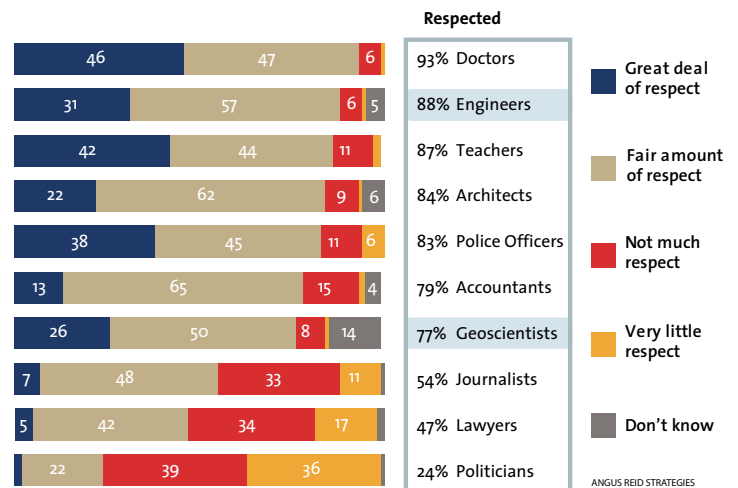
**Employment Opportunities E-mail** – Weekly career listing e-mails advising members of current opportunities now supplement

employment postings found on the APEGBC website. On average over 80 postings are on the employment site at any given time making this a valuable resource for members and employers.

**Online Member Portal** – This year the member portal on the APEGBC website has undergone some enhancements in addition to being linked to the new member database. The member portal allows members to link to current, member-only information. Also found in the portal is a communications preferences tool where members can indicate what type of information they would like to receive from APEGBC and how they would like to receive it.

#### Public Relations

Last fall, APEGBC worked with Angus Reid Strategies to conduct a public opinion survey with the purpose of gauging public perception of engineers and geoscientists—determining public awareness of what engineers and geoscientists do, assessing public awareness of APEGBC and what it does, and ascertaining what APEGBC activities are most important to the public. This survey was very informative to APEGBC, demonstrating that the public have a high level of respect for engineers (88%) ranking them second only to doctors. Respondents were also able to demonstrate a good understanding of the broad spectrum of what engineers do. Familiarity with the geoscience profession was much lower than for engineers, which likely is the reason for a lower respect rating of 77%. Only 25% of those surveyed indicated awareness of APEGBC and its role. However, the public was clear on what they believed the role of a regulatory body to be, ranking investigation and discipline of members, and assessment of qualifications of new members highest on the list. This survey has helped to inform much of the work the association does to instill public confidence.

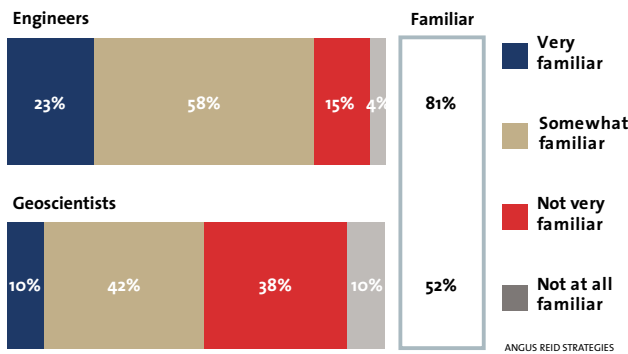


Public Respect for Engineers and Geoscientists

Early in the year APEGBC purchased advertising to help raise the profile of professional engineers and geoscientists and to raise awareness of the association. Building on the campaign that began in 2007, radio advertisements on News 1130 ran from July to December and were well received by members and the public. Unfortunately, these

advertisements were discontinued due to lack of funding. In addition to the radio campaign, print advertisements were also purchased in the *Vancouver Sun*, *Okanagan Daily Courier*, *Prince George Citizen*, *North Shore News*, *Alaska Highway News* and *Salmon Arm Observer* to showcase APEGBC award winners and to promote National Engineering and Geoscience Week.

There have also been a number of media interactions during the year where APEGBC worked with media outlets to connect them to members who could provide engineering and geoscience expertise. A few examples include: the *Georgia Straight* regarding six-storey wood-frame buildings, *Business in Vancouver* on bridge construction, the *Vancouver Sun* on regulatory matters, and Global TV, CTV and the *Vancouver Sun* on the Sea to Sky Landslide.



*Familiarity with Professional Engineers & Geoscientists*

**Stakeholder Engagement**

APEGBC has a number of stakeholders that impact our members’ practices. Some of these stakeholders regulate the practice of professions that work closely with professional engineers and professional geoscientists such as the Architectural Institute of British Columbia, the Association of BC Forest Professionals, and the Applied Science Technologists and Technicians of BC. APEGBC works with these organizations to build on areas of common interest and to represent our members on issues of concern such as scope of practice overlap.

APEGBC has also continued its close relationship with the Consulting Engineers of BC, working together on issues such as ultimate limitation period reform, and organizational professional risk management and quality assurance, as well as jointly producing guidelines on intellectual property and budgeting for engineering services.

APEGBC has also made a concerted effort to better engage employers of engineers and geoscientists over the past year. Members of Council and staff met with senior executives of a number of consulting firms as well as organizations such as BC Hydro and government ministries to discuss ways that we can work together to improve the practices of professional engineering and professional geoscience. APEGBC also provided speakers and attended company events to facilitate increased face to face interactions with members.



*Kevin Riederer PEng*

**BUILDING A PROFESSIONAL COMMUNITY**

Association membership spans the province and is grouped into 15 geographical areas with an Association branch organization led by member volunteers.

Demonstrating leadership, initiative and a willingness to give back, Kevin Riederer PEng furthers the goals of the Association and promotes engineering and geoscience in his community. Kevin is involved in organizing seminars and branch events such as the Vancouver Branch’s annual E-Fest as part of National Engineering and Geoscience Week. As a branch member, he helps to organize and refine branch manuals and guidelines, and provides feedback and constructive criticism on topics that matter to the professions.

APEGBC’s branches play an important role in the Association’s communication with members and with the public at large.

*“Volunteering with the Vancouver Branch has been extremely valuable to me. It has given me a much broader view of the role professional engineers and geoscientists play in our society; it has strengthened my understanding of how to work effectively as part of a team and it has introduced me to some truly amazing people. It has also provided me with an opportunity to be active in, and an advocate for my profession which I believe is an important aspect of being a member of APGEBC.”*

**KEVIN RIEDERER PENG**

### **Career Awareness**

Development of a strategy to interest youth in careers in engineering and geoscience has been a key focus of Council in 2008/2009. A number of new tools have been created to support members when they participate in school visits including:

- A career awareness video (online at [www.apeg.bc.ca/students/ShapingOurWorld/](http://www.apeg.bc.ca/students/ShapingOurWorld/) and available on YouTube or in DVD format)
- A brochure promoting careers in the professions with information on what high school courses are required to enter a post-secondary program in engineering or geoscience
- A sample agenda and Powerpoint presentation
- Prize packs and promotional material
- An updated career awareness website.

While unable to contribute financially to Engineers Canada's national media campaign to encourage youth to take up careers in engineering and geoscience, APEGBC has participated on the campaign advisory committee and provides assistance as resources allow.

APEGBC also provides grants to external organizations whose purpose is to encourage kids to take up careers in science and engineering. This year grants were given to several organizations, including engineering and geoscience-focused summer camps across the province, Destination Imagination, and the Science Fair Foundation of BC.

## **Member Services**

In addition to its primary role of regulating the professions, APEGBC provides value-added services for members. APEGBC programs offer mentoring, resources for job seeking, professional development opportunities, and resources for students.

### **Mentoring**

The mentoring committee has been very active throughout the year making the largest number of matches ever. This year, 25 mentor/member-in-training matches were made. The mentoring committee also expanded their terms of reference to include assisting applicants for registration to find mentors. In the past, this service was available only to those who had member-in-training (EIT, GIT) or provisional member status. This is intended to provide a better support mechanism to applicants, particularly those who are internationally trained, as they go through the application process to obtain full registered professional member status. Development of an online matching service was also undertaken as a tool to reduce the length of time between application and matching with a suitable mentor. This service will be available in the summer of 2009.

### **Student Program**

Recruitment of today's students into the engineering and geoscience professions will allow us to build for the future. APEGBC has a strong student program in which students from engineering and geoscience programs at post secondary institutions across the province participate. There are also a number of students from other provinces who have chosen to become members of APEGBC's Member Advantage Program for Students (MAPS). Formal relationships exist with the engineering and earth science student societies for the University of British Columbia, Simon Fraser University, the University of Victoria. To continue to build the relationship between students, industry and APEGBC a number of presentations were given and events hosted throughout the province including student/industry networking sessions at UBC.

APEGBC has also found new ways to reach out to students this year including an online presence on the social networking site, Facebook, which gives students the opportunity to connect with each other and to dialogue with APEGBC members and staff. Also created this year is a student-specific job board where APEG-MAPS members can post their resumes and employers can post student job opportunities free of charge. Recognizing that finding Co-op job placements is one of the biggest challenges that students face, APEGBC has been working with each of the school Co-op programs to find ways that we can help build co-op opportunities with firms that employ APEGBC members.

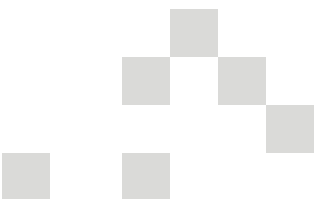
### **Affinity Program**

APEGBC's Affinity Program continues to grow with the addition of MEDOC Travel Insurance to the portfolio as well as further hotel, attraction and service discounts available through Club APEGBC. Engineers Canada has also enhanced their affinity program with the addition of Petsecure, a pet insurance service. Thousands of APEGBC members take advantage of the discounts offered through the APEGBC and Engineers Canada affinity programs, which allows members to benefit from cost savings and produces needed revenue for the Association. In 2008/2009, revenue generated for APEGBC from these programs was over \$200,000.

Another service, back by popular demand this year was our bi-yearly compensation survey which was done in the summer of 2008. Over 2,300 members participated in the survey which showed that on average, median compensation for these members had increased 7.4% between 2006 and 2008.

### **Professional Development Program**

APEGBC's professional development program continues to grow. In 2008/2009, 190 seminars and 17 webcasts were offered. Seminars were offered in many technical specialties from electrical and electronics, mining, and forestry to structural, mechanical, and geotechnical. Live sessions were offered in communities in every region of the province from Fort St John and Rossland, to Nanaimo and Cranbrook. Approximately 2,300 professionals participated in APEGBC's professional development events, generating approximately \$1 million in gross revenue.



### Annual Conference and AGM

The 2007/2008 Annual Conference and Annual General Meeting was hosted in Kelowna this year and over 700 delegates participated in eight professional development streams and other conference activities. Over 200 members attended the Annual General Meeting where the business items such as reports of the president and executive director are given, financial statements are received, selection of the association's auditors is confirmed, and new Council members are sworn in. This is also an opportunity for members to raise issues for Council consideration through motions from the floor.

### APEGBC's Branches

Upon registration, all APEGBC members are assigned to one of 15 regional branches—geographical areas in the province represented by member volunteers. Branches play a vital role in the Association's communication with members and the public. They serve as members' regional representation to APEGBC leadership, organize networking and professional enrichment events, and participate in valuable community outreach.

#### Branch Events – Opportunities for Networking and Learning

APEGBC Branches celebrated another successful year that was filled with interesting and educational events. The Branches engaged the members in their area by hosting a variety of events, from breakfast seminars to tours of local engineering and geoscience project sites. Branches enriched the professional lives of local members with a broad variety of activities this year.

Many Branches explored localized topics of interest during dinner presentations. The Sea to Sky Branch hosted a presentation that focused on the large rock slide that blocked the Sea to Sky Highway in July 2008. The Central Interior Branch hosted talks by BC Hydro representatives on the Site C project as well as bioenergy opportunities in the region. Other localized topics that were explored included the technology behind the quick pass electronic tolling on the Golden Ears Bridge from the Fraser Valley Branch.

As in years past, the branches organized several tours of the project construction sites throughout the province. Once again, these tours were highly popular, attracting many APEGBC members. The Vancouver Branch hosted two sold out tours of the nearly completed Canada Line, the Okanagan Branch visited the Fortis BC Black Mountain Substation and the West Kootenay Branch held a tour of the BC Hydro Seven Mile Dam. The Sea to Sky Branch organized a tour of Ocean Works International where they were able to observe high-tech under water equipment. Also, the Northern Branch organized a Kemano Powerhouse tour which included an adventurous day filled with boats, campsites and other interesting items.



Ash Abhyankar PEng

### GROWING THE NEXT GENERATION OF PROFESSIONALS

APEGBC works in a variety of ways to ensure the sustainability of the professions—promoting careers in engineering and geoscience to youth, helping engineering and geoscience program students to transition to professional life, and supporting EITs and GITs to become full professional members.

APEGBC's mentoring program sets up members-in-training with professional members who act as mentors who help them work towards the goal of professional registration. Commitment, efficiency and perseverance are valuable assets Ash Abhyankar PEng brings to his role as Chair of the Mentoring Committee. This past year, Ash matched numerous members-in-training with professional members. He consistently demonstrated strong leadership qualities and provided support and guidance to Committee members to ensure mentees were soon matched with suitable mentors.

Committed volunteers like Ash ensure that the future is bright for successive generations of professional engineers and geoscientists.

*"APEGBC has an important role to play in the development and growth of our communities in British Columbia as well as to ensure the future engineers in BC. will be ready and prepared to take the baton from its experienced membership. I was fortunate to have great mentors through my 45-year career and have found mentoring and volunteering to be an exciting, growing, learning and enjoyable experience. It is truly gratifying to serve a cause, practise one's ideals, work with people, solve problems, see benefits and know one had a hand in them.*

ASH ABHYANKAR P ENG



**Community Outreach**

APEGBC's branches continued to work within their communities to encourage awareness of the engineering and geoscience professions. This role is especially important as the Association increases its focus on bringing awareness of engineering and geoscience careers to children, teens and young adults.

Several Branches reached out to undergraduate students by hosting events on campus. The Vancouver Branch hosted their annual Cheeze mixer at UBC and the Victoria Branch sent member representatives to the University of Victoria's Industry Social where they participated in several networking activities. The Fraser Valley Branch helped promote the engineering and geoscience professions to younger children by participating in the Fraser Valley Regional Science Fair as judges and sponsors. The Richmond/Delta branch was also involved in several career awareness and outreach events, which included Kwantlen Polytechnic University's Annual Science Challenge.



**National Engineering and Geoscience Week**

National Engineering and Geoscience Week (NEGW) is an excellent opportunity for members throughout the province to showcase the important roles that engineers and geoscientists play. Once again, very successful events were held in every region in BC. This year, during the month around NEGW several Branches hosted popsicle stick bridge building competitions, and the Vancouver Branch also held their 13th annual E-Fest at the Vancouver Public Library, promoting engineering and geoscience by engaging the public with interactive displays and exhibits. Also, the Okanagan Branch held its 2nd annual speaker series where a number of interesting presentations were given to an audience of students, APEGBC members and the public. Throughout NEGW, Peace River Branch members visited several classes to grow awareness about engineering and geoscience as a part of their Engineers in Schools Initiative.

Branch activities and events are open to all members. To learn more about your local Branch, visit [www.apeg.bc.ca/services/branchesdivisions.html](http://www.apeg.bc.ca/services/branchesdivisions.html).



## DIVISIONS | DEGIRS, DAWEG, DEP, MED

APEGBC has a number of special interest groups that allow members who have common technical or other interests to share and disseminate information, and to review and develop policies in specific areas. Division membership is open to any member of the Association upon payment of a nominal annual fee.

### ***Division of Engineers and Geoscientists in the Resource Sector***

The Division of Engineers and Geoscientists in the Resource Sector (DEGIRS) has a membership of over 200 professionals who work in the forest sector for various public and private sector organizations throughout BC.

Over the past year, the Division of Engineers and Geoscientists in the Resource Sector changed their name from the Division of Engineers and Geoscientists in the Forest Sector to help better portray the scope of our members' practice area. DEGIRS continued to work with the Joint Practice Board in developing professional practice guidelines and skillset documents.

Last October, the Division participated in the APEGBC Annual Conference in Kelowna with a field tour into the Chase Creek Watershed. This field tour explored numerous issues facing Chase Creek including the implications of the current mountain pine beetle infestation with regards to watershed hydrology, slope stability and downstream development.

In the upcoming year, the Division will be producing four issues of our newsletter, *Aspect*. The executive will continue to focus on expanding the Division's membership and mandate beyond the forest sector to include development activities in a variety of resource industries operating on the forested landbase.

DEGIRS encourages all engineers and geoscientists working in the forested landscape to join the Division and participate.

### ***Division for the Advancement of Women in Engineering and Geoscience***

The Division for the Advancement of Women in Engineering and Geoscience (DAWEG) was founded to promote and encourage women in engineering and geoscience, and to enhance their participation in these fields.

DAWEG participated in several public events such as E-Fest and the PMC Sierra Fun Run, presenting an image of engineering and geoscience that includes women who are practising in all fields and at all levels of the profession. DAWEG volunteers also promoted engineering and geoscience to young girls by offering DAWEG awards at four BC Regional Science Fairs. A cash award was given to a junior and senior competitor in each region: South Fraser, Fraser Valley, Greater Vancouver and Vancouver Island.

The Division will continue to promote leadership and relationship-building opportunities in the future. Through communication and collaboration, the value of and respect for the professions will grow.



*Bryan Brassington PGeo*

### **HELPING TO GROW THE PROFESSIONS**

APEGBC's divisions provide a forum for the exchange of ideas in a particular field or area of interest. Division volunteers work to organize professional development seminars, tours and special events.

Bryan Brassington PGeo is an active APEGBC volunteer. As chair of the Division of Environmental Professionals he works with his professional colleagues to achieve the division's overall goals of advancing environmental engineering and environmental geoscience and promoting education and high standards of practice in the field. Bryan was also instrumental in the development of the division's Terms of Reference.

By participating in a division, members with common technical or other interests can share and disseminate information and to review and develop policy in that specific area.

*"It is my belief that volunteering is intrinsic to being a professional geoscientist. Whether it is volunteering with a professional association, a community program or another avenue—we all must do it. Through volunteering with APEGBC, I have realized that when we approach our professions as responsibilities and not just jobs it becomes clear that all members have a duty of care to maintain the high standards of practice, the public's trust in our professions and our ability to self regulate. Moreover, by volunteering with APEGBC, I can be the change I wish to see in the Association."*

**BRYAN BRASSINGTON PGeo**

### ***Division of Environmental Practitioners***

The Division of Environmental Professionals' (DEP) overall goals are to promote education and high standards of practice in the field of environmental engineering and geoscience, and to advise Council on issues concerning practitioners.

During the 2008/2009 year, the Division of Environmental Professionals executive concentrated on working on the goals determined by their October 2008 strategic planning meeting. These goals were to: promote environmental engineering and environmental geoscience practice; provide comment on and assist in preparation of guidelines or standards of practice for environmental engineering and environmental geoscience; and provide networking/learning opportunities for our members and liaison with other environmental organizations. With these goals in mind, this year DEP has undertaken a review of the Engineers Canada *Model Guide for Constituent Members: Site Remediation for Professional Engineers* and has summarized member comments and provided recommendations to APEGBC Council.

DEP has also worked on designing a website structure that allows us to provide resources and information to our membership. We will be initiating this new website this upcoming year.

### ***Municipal Engineers Division***

The Municipal Engineers Division (MED) has been in existence since 1943 to provide a forum for engineers serving the municipal sector where they can exchange ideas, debate issues, and be a catalyst for improvement, innovation, and sustainability as they provide services to the communities of British Columbia.

This year's activities included a series of papers at the APEGBC 2008 Annual Conference in Kelowna showcasing some of the projects taking place in the Okanagan region. The annual joint MED/MMCD AGM was held in November with a series of papers on transportation. In March, MED held a seminar which focused on Climate Change where they discussed our record snowfall this past year. In June, MED held a tour of the Vancouver Landfill which included presentations regarding Solid Waste activities in the region.

MED continued to update their strategic plan that will include launching a new website in early 2010. The site will serve as a focal point for announcements, municipal news, and provide a forum for members to solicit feedback from other members on a variety of topics.

Engineers in both the private and public sectors involved in municipal infrastructure are encouraged to join the Division and participate.



## OUR VOLUNTEERS | CARE OF THE PROFESSIONS

Mazeed Abdulla PEng	Roy Bartholomew PEng	Bruce Richard Burns PEng	Craig Crooks EIT	Orrin Ennis PEng
Ash Abhyankar PEng	Dilip Barua PEng	Pierre Busque PEng	George Csanyi-Fritz PEng	James Erickson PEng
Narayan Abhyankar PEng/ PGeo	Leonard Basaraba PEng	Richard Butler PEng	Neil Cumming PEng	Pedro Escobar Fayad PEng
Sean Abram PEng	Michelle Bast	Gordon Butt PGeo	Phillip Cunnington PEng	Peggy Evans PGeo
Paul Adams PEng	Gerry Bawol PEng	Gordon Butterfield PEng	Tomer Curiel EIT	Lee Failing PEng
Michael Adkins PEng	Brian Beck PEng	Thomas Calvert PEng	Jason Currie	Robin Fairservice PEng
Robert Affleck PEng	Roger Beckie PEng	Matt Cameron PEng	Bernadette Currie EIT	Martin Fandrich PEng
Mohamed Alasaly PEng	Kenneth Bell PEng	Robert Campbell PEng	Mike Currie PEng	Xiaoqi Fang PEng
Tamer Alev PEng	Leon Bell PEng	James Canova PEng	Barbara Dabrowski PEng	Payam Farahbakhsh- Aghabalai PEng
Michael Allan PEng	Michael Belter PEng	Michelangelo Carlino PEng	Robert Dakin PEng	Peter Fell PEng
Robert Allan PEng	Janet Benjamin PEng	Shiloh Carlson PEng	Allan Dakin PEng	Heinz Fenske PEng
Janice Allen EIT	Nicole Bennett	Mark Casidy PEng	Aran Dalal PEng	Neil Ferguson PEng
Hugh Alley PEng	Timothy Bennett PEng	Romilly Cavanaugh PEng	Jagdish Daswani PEng	Delbert Ferguson PGeo
Richard Alpin PEng	Douglas Bennett PEng	George Cavey PGeo	Emily Davidson PEng	Ronald Fernandes PEng
Mohammad Aminzadeh PEng	Raymond Bergen PEng	Zeljko Cecic PEng	John Davidson PEng	Mike Fillipoff PEng
Sarah Anderson EIT	Marcel Bernier PEng	Darryl Chambers PEng	Michael Davies PEng	Trevor Fitzell PEng
Paul Anderson PEng	David Bevan PEng	Ken Chan PEng	Harold Robert Davis PEng	Dick Fletcher PEng
Douglas Anderson PEng	Xiaotao Bi PEng	David Chan PEng	Harold Davis PEng	Robert Flipse PEng
John Anderson PEng	Linda Bily PEng	Samson Chan PEng	Matthew Davis PEng	Vilem Foit PEng
Bjorn Andersson PEng	Fred Bjork PEng	Bob Charlton PEng	Richard Dawson PEng	Hugh Fraser PEng
Slobodan Andic PEng	Alexander Black PEng	Robert Charlton PEng	Brian De Montbrun PEng	Robert Freimanis PEng
Caroline Andrewes PEng	Michael Blackman PEng	Fei Chen PEng	David Dennis PEng	Pierre Friele PGeo EngL
Gordon Apperlay PEng	Gruja Blagojevic PEng	Wei Chen PEng	Frank Denton PEng	Rodney Friesen PEng
Jeremy Araki PEng	David Blain PEng	Jian Guo Chen PEng	Bruce Der PEng	Catherine Fritter PEng
Claudio Arato PEng	James Blake PEng	Emily Cheung PEng	Sandra Devcic PEng	Peter Friz PGeo
Rob Arden PEng	Paul Blanchard PEng	Joseph Cheung PEng	Norman Deverney PEng	Thomas Froese PEng
Herbert Argent PEng	Ernesto Bollo PEng	Bill Cheung PEng	Boubacar Diallo PEng	Ed Fujii PEng
Boriana Arguirova PEng	Ollie Bonham PGeo	Irene Chien EIT	Robert Dickin PEng	Sara Fumagalli PEng
Ramon Arias PEng	George Boorman PEng	Laxminarayana Chikatamarla PEng	Dieter Diedericks PEng	William Gaherty PEng
Robert Armour PEng	Kathleen Booth	Ka-Lai Ching EIT	Nelson Dion PEng	Livio Gambone PEng
Pamela Astbury PEng	Wayne Borrowman PEng	Stella Chiu PEng	Thomas Diszhazy EIT	Mike Gannon PEng
Joel Atwater EIT	Mike Boss PEng	Celestine Chow PEng	Colin Dix EngL	Walter Gaskin PEng
James Wesley Atwater PEng	Pieter Botman PEng	George Chow PEng	Emmanuel Domingo PEng	Nigel Geach PEng
Troy Atyeo PEng	Lindsay Bottomer PGeo	George Chow PEng	Charles Downie PGeo	Robert Gedge PEng
Mieczyslaw Babkowski PEng	Stuart Bourhill PEng	Kent Christensen PEng	Bruce Downing PGeo	Mihai Georgescu PEng
Lars Bach PEng	Darryl Bowers PEng	David Chwacklinski PEng	David Bruce Dreisinger PEng	Bob Gerath PGeo
Burhan Bagran PEng	James Bowler PEng	Marius Ciornei PEng	Kevin Driedger PEng	Martin Gevers PEng
David Bailey PGeo	Ward Bowman PEng	Kenneth Clark PEng	Oleh Dubek PEng	Farmand Ghafari PEng
Vijay Bains PEng	James Branson PEng	Jennifer Clarke PGeo	David Duckworth PEng	Fadi Ghorayeb PEng
David Baker PEng	Matthew Brassard PEng	Kenneth Clayton PEng	William George Dunford PEng	Allan Gibb PEng
Victor Baker PEng	Bryan Brassington PGeo	Susan Clift PEng	Linda Eastcott PEng	George Giles PEng
Finley Bakker PEng	Neil Brazier PEng	James Clouston PEng	John Eaton PEng	Roderick Giles PEng
Mike Bakst PEng	Allan Bronsro PEng	Anca Cojocararu PEng	Brett Eaton PGeo	Gregor Gilks PEng
Mikhail Bakst PEng	Mitchell Brook EIT	Nigel Cole-Morgan PEng	Kjell Eggen EIT	Patrick Gillan PEng
Michael Bapty PEng	Sean Brophy PEng	Shane Cook PEng	Peter Egyir PEng	Bill Gilmartin PEng
Michael Bapty PEng	Roelof Kars Brouwer PEng	Stephen Cook PGeo	Donald Ehrenholz PEng	Radu Gnasienco PEng
Darren Barlow PEng	Robin Brown PEng	Jeremy Cooke PEng	Terry Eldridge PEng	Victor Goncalves PEng
Belwinder Barn PEng	Donald Brundrett PEng	Jeffrey Corbett PEng	Robert Elgie PEng	David Gooding PEng
Andrew Barr PEng	Donald Brynildsen PEng	Dean Corkill PEng	Leslie Elliott PEng	Lynton Gormely PEng
Douglas Barry PEng	Vern Buchholz PEng	Peter Corless PEng	Mark Emanuel PEng	Greg Gosson PGeo
	Donald Buckland PEng	Robert Cowan PEng	Clifford Eng PEng	Dale Goudie PEng
	Jan Buermans PEng	Barrie Creelman PEng	Carole Eng PEng	Charles Gould PEng
	Petrus Buermans PEng	Neil Creighton PEng		
	Arnd Burgert PGeo			

Robert Graham PEng	Neil Hemrajani PEng	Helmut Johannsen PEng	Carolyn Kuiper PEng	Wing Leung EIT
Michael Graham PEng	Julien Henley PEng	Todd Johnson PEng	Ashok Kukreja PEng	Edmond Leung PEng
James Grant PEng	Jens Henriksen PEng	Lynn Johnson PEng	Anil Kumar PEng	Thomas Leung PEng
Douglas Green PEng	Shahin Hessami PEng	Dennis Johnson PEng	James Kung PEng	StructEng
Mark Grindlay PEng	Rick Heuft PEng	Ronald Joseph PEng	Daniel Kunimoto PEng	Gregory Lever PEng
William Gunning PEng	Graham Hill PEng	Dean Kaardal PEng	Hkun-Yu Ezra Kwok PEng	Svetlana Levitskaia
Jane Guo PEng	Andrew Hind PEng	Dharam Kajor PEng	Harry Kwok PEng	Daniel Lewis PEng
Rishi Gupta PEng	Lai Ping Koon Hing PEng	Vijay Kallur PEng	Robert Kwong PEng	Margaret Li PEng
Christine Gustafon PEng	Karim Hirji PEng	Alan Karges PEng	Craig Labas PEng	Simon Li PEng
Steven Gustavson PEng	David Hislop PEng	Shafiq Karmali PEng	Vincent LaHaye EIT	Vincent Li PEng
Karl Gygax PEng	Angela Ho EIT	Mojgan Kavooosi	Winnie Lai-Fong PEng	Kok Kuen Li PEng
Haitham Hakeem PEng	Henry Ho PEng	Nataliya Kazakova PEng	Jules Lajoie PEng	Margaret Li PEng
Thomas Haksi PEng	Ki-Cheong Ho PEng	Bowie Keefer PEng	Eric Lalli PEng	Sean Liaw PEng
Cassandra Hall PGeo	Melanie Hobbs PEng	Anthony Keen PEng	Tom Lam PEng	Simon Lightbody PEng
Edward Hamaguchi PEng	John Hofman PEng	Maureen Kelly PEng	Robert Lam PEng	Choon Jim Lim PEng
Gary Hamata PEng	John Holland PEng	Joe Kenny PEng	Thomas Lam PEng	Jerry Lim PEng
Gary Hamer PEng	Jeff Holm PEng	Alistair Kent PEng	Patrick Lam PEng	Ed Lin PEng
Richard Hancock PEng	Christopher Holmes PEng	Randa Khalil PEng	StructEng	Kuo Lin PEng
Ernest Hancock PEng	Yetvart Hosepyan PEng	Akbar Khan PEng	Dan Lambert PEng	Martin Lindquist EIT
Joseph Hanna PEng	Jarrold House EIT	John Kiernan PEng	Barry Lambert PEng	Gordon Lindsay PEng
Joan Hansen OD	Larry Hrabchuk PEng	Ward Kilby PGeo	Robin Lapointe PEng	Amil Lindsay PEng



Robert Hare PEng	Sharlie Huffman PEng	Geoffrey King PEng	Robin Lapointe PEng	Jean Liu PEng
Kenneth Harford PEng	Herman Hui PEng	Russ Kinghorn PEng	Charles Laszlo PEng	Jie Liu PEng
Richard Harms PEng	Stefan Humphries PGeo	Garth Kirkham PGeo	James Lau PEng	Kwang Victor Lo PEng
Andrew Harmsworth PEng	Oldrich Hungr PEng/PGeo	Anna Klimek PEng	Anthony Ka-Pong Lau	David Lock PEng
Geoffrey Harrison PEng	Michael Hurworth PEng	Richards Kline PEng	PEng	Lane Logan PEng
Michael Hart PEng	John Hutchins PEng	Nicole Kohnert PEng	Kwok-Wah Lau PEng	Kevin Loken PEng
David Harvey PEng	John Ingram PEng	Ivo Kokan PEng	Samuel Lau PEng	Scott Loptson PEng
StructEng	Carlos Iriondo PEng	Matthew Kokan PEng	Peter Lawrence PEng	Tommy Louie PEng
Darryl Hatch PEng	A-K-M Islam PEng	Arpad Koltai PEng	Mark Lawton PEng	Christy Love EIT
Paul Hatton PEng	Bob Ito PEng	Kathy Kompauer PEng	Fridrich Lederer PEng	Clinton Low PEng
Michael Hatzinikolas PEng	Dave Jackson PEng	Charles Kotzo PEng	Ken-Beck Lee PEng	StructEng
Darryl Hawkes PEng	Walter Janzen PEng	Randall Kovacs PEng	Brian Lee PEng	Brent Lyon PEng
Herbert Hawson PEng	Monica Jaramillo Velez	Eugene Kowch PEng	Michael Lee PEng	Haakon MacCallum PEng
Joshua Hayes	PGeo	Erno Krajczar PEng	Paul Lee PEng	Phyllis MacIntyre PEng
John Haythorne PEng	Kara Jefford EIT	Ron Krpan PEng	Yin Ming Lee PEng	Lianna Mah PEng
Bob Heikkila PEng	Dave Jenkins PGeo	Philippe Kruchten PEng	John Lenahan PEng	Ed Mah PEng
Jason Heinrich	Zhi Xian Jiao PEng	Steven Kuan PEng	Megan Leslie PEng	Soo Mah PEng StructEng

Shail Mahanti PEng	Glenn McDonnell PEng	Jim Montgomery PEng	Claudia Ng PEng	Kevin Parsonage PEng
Mahmoud Mahmoud PEng	Magnus McElroy EIT	StructEng	Jimmy Ng PEng	Bob Patrick PEng
Michelle Mahovich PGeo	Pat McGrath PEng	James Moors PGeo	Henry Ng PEng	Robert Patrick PEng
Kenneth Major PEng	Alan McIntyre PEng	John Morgan PEng	Kwok Ng PEng	Michael Patterson PEng
Adam Majorkiewicz PEng	Dennis McJunkin PEng	Christopher Morris PEng	Stephen Ngo PEng	Marilyn Pattison
David Makepeace PEng	Douglas McKenzie PEng	Brandon Morrison EIT	Bruce Nicholson PEng	Brett Patrick EIT
William Malcolm PEng	John McKenzie PEng	Thomas Morrison PEng	Robin Norman EIT	Michael Payne PEng/PGeo
Robert Malczyk PEng	Bill McKeivitt PEng	Richard Mossakowski PEng	William Norquist PEng	Murray Peart PEng
Jamie Malthus EIT	Martha McLean PEng	Paul Moy PEng	Michael Noseworthy PGeo EngL	Leslie Peer PEng
John Manson PEng	Bruce McLeod PEng	Dan Mozel PEng	John Nunn PEng	Glenn Pellegrin PEng
Masoud Mansouri PEng	John McManus PEng	Hans Muhlert PEng	Neil Nyberg PEng	Henry Pelzer PEng
Adam Marck PEng	Eric McQuarrie PEng	Christopher Mulder PEng	Jim O'Brien PEng	Francisco Perello-Aracena PEng
John Markulin PEng StructEng	Stephen McTaggart PEng	Mark Mulligan PEng	Gerald O'Hara PEng	Gordon Perry PEng
James Marlow PEng	Richard McWilliam PEng	Richard Munroe PGeo	William Kaye Oldham PEng	John Perry PGeo
Catherine Marr PEng	David Mehner PEng	Gerald Murenbeeld PEng	Tim O'Meara PEng	Marija Persoglia PEng
Duane Marriner PEng	Behzad Mehrabadi PEng	Lisa Murray EIT	Dorothy Ong PEng	Mirjana Petrovic PEng
David Marriott PEng	Colin Meldrum PEng	Peter Mussallem PEng	Julie Orban PGeo	Eric Pettit PEng
Peter Marsh PEng	George Melo PEng	Eric Nadin PEng	Donald Osing PEng	Brian Pewsey PEng
Rob Marsland PEng	Surrendar Menrai PEng	Ernest Naesgaard PEng	Donald Osman PEng	Nicholas Pfeiffer PEng
	Craig Merkl PEng	Brian Nakai PEng		Marvin Pflug PEng
	Robert Merritt PEng			



Joe Martignago	Andrew Metten PEng	Godfrey Nash PEng	Goran Ostojic PEng	Danny Phillips PEng
Robert Martin PEng	StructEng	Nahal Nassiri	Josef Otto PEng	Leonard Pinalto PEng
Todd Martin PEng/PGeo	Robert Metz PEng	Peter Navratil PEng	Gregard Ovstaas PEng	Ian Pilkington PEng
Arash Masbough PEng	Adrian Michielsen PEng	Muhammad Nawaz PEng	Stanley Owen PEng	Jude Pillainayagam PEng
Boyd Mason PEng	Antonin Mikes PEng	Mehran Nazeman PEng	Nathan Ozog EIT	Kenneth Pinder PEng
Gerald Masuda PEng	Greg Miller PEng	Jean Nehera PEng	Christopher Page PEng	Luzia Pires
Betsy Matamoros PEng	Thomas Miller PEng	James Neill PEng	Rimas Pakalnis PEng	George Plant PEng
Thomas Mathison PEng	David Miller PEng	Bradley Nelson PEng	Steven Panz PEng	Marian Podlovsky PEng
Deven Matkowski PEng	Brendan Miller PGeo	Mandy Nelson PEng	John Pao PEng StructEng	David Pollock PEng
Bill Maudsley PEng	Wanda Miller PGeo	Leslie Nemeth PEng	Demetrios Papadoulis PEng	Stefan Popovici PEng
Bill May PEng	Michael Milroy PEng	Rhonda Netzel PEng	Sandro Papile PEng	Gordon Porritt PEng
Kenneth Maycock PEng	Jeff Mitchell PEng	Ronald Neufeld PEng	Nancy Paris PEng	Mark Porter PEng
Emilia Mazzonna PEng	Ronald Mitchell PEng	Robert Neville PEng	Todd Parker PEng	Ernest Portfors PEng
Robert McCandless PGeo	Roy Mitton PEng	StructEng	Philip Parker PEng	Alen Postolka PEng
Terris McColl PEng	Robert Molnar PEng	Ken Newbert PEng	Bob Parolin PEng	Ronald Pousette PEng
Peter McCreath PEng	Terry Molstad PEng	Christopher Newton PEng	Kenneth Parr PEng	Meiric Preece PEng
Neil McDonald PEng	Gordon Monk PEng	David Newton PEng		Kathy Preston PEng

Ian Price PEng	Norman Schmidt PEng	Siegfried Stiemer PEng	Jack Vanier PEng	Michael Williams PEng
George Prince PEng	Rolf Schmitt PGeo	Susan Stocker PEng	Luiz Vargas PEng	Ken Williams PEng
Eric Pringle PEng	Johannes Scholte PEng	Stanley Strilchuk PEng	Gabor Vasarhelyi PEng	David Williams PEng
Jiang Qi PEng	Ronald Schroeder PEng	Charles Stuart PEng	Nebojsa Vasic PEng	J Doug Williams PEng
Rob Quiring PEng	Joel Schwartz PEng	Gregory Stuart PEng	Troy Vassos PEng	Donald Williams PEng
StructEng	Malcolm Scoble PEng	Thomas Stubens PEng	Sudubanda	Mike Wilson PEng
Kenneth Randall PEng	Graeme Scott PEng	Alady Sukumar PEng	Vatagodakumbura	Christopher Wilson PEng
Vidya Rangayyan EIT	John Scott PEng	Phil Sunderland PEng	PEng	Paul Wilson PGeo EngL
John Rapson PEng	Sharon Scott PGeo	Bill Susak PEng	William Vaughan PEng	Arthur Winckers PEng
Hugh Reed PEng	Phil Seabrook PEng	Elroy Switlishoff PEng	Carl Verley PGeo/PEng	Michael Wise PEng
Irfan Rehmanji PEng	Eric Sears EIT	Frank Szeto PEng	David Vincent PEng	Paul Wojdak PGeo
Peter Reid PEng	Johan Seckel PEng	Leslie Taggart PEng	Venkatarama Vinnakota	Maggie Wojtarowicz PEng
Lesley Reid PEng	Ramin Seifi PEng	Jude Talbot PEng	PEng	Sherman Wong PEng
Gregory Reid PEng/PGeo	Jack Sekhon PEng	Philip Tam EIT	Jan Vipler PEng	Tom Wong PEng
Paul Remillard PEng	David Semczyszyn PEng	Mario Tancredi PEng	Jason Vissers PEng	Wing-Wo Henry Wong
Conor Reynolds PEng	Bob Sexsmith PEng	Katherina Tarnai-Lokhorst	Andy Vizer PEng	PEng
Douglas Rhodes PEng	Peter Shand PEng	PEng	Shawn Vokey PEng	Tom Wong PEng
Gregory Richards PEng	Henry Shawk PEng	Tom Tasaka PEng	Edward von Euw PEng	Sherman Wong PEng
Laurel Richl PEng	Bruce Sheedy PEng	Andy Teasell PEng	Khash Vorel PEng	Carlos Wong PEng
Dave Ricketts PEng	Rizwin Sheergar EIT	Paris Tehrani	John Vos PEng	Joe Wong PEng
Kevin Riederer PEng	Patrick Shek PEng	Barry Thate PEng	Richard Voyer PEng	Clarence Wong PEng
Grant Ritchie PEng	George Shikaze PEng	Michael Thompson PEng	Mike Waberski BCLS	Rob Wridgway PEng
Alexander Rivers-	David Shillabeer PEng	Bruce Thomson PGeo	Rhett Wade PEng	Christopher Wright PEng
Bowerman PEng	Bryan Shoji PEng	Barry Thorson PEng	Peter Walcott PEng	Colin Wright PEng
Helene Roberge PEng	Mankajee Shrestha PEng	Drasko Ticeric PEng	Craig Wallace PEng	Mike Wrinch PEng
Scott Roberts PEng	Gary Shtokalko PEng	Duane Tilden PEng	John Wallace PEng	Michael Wrinch PEng
John Robertson PEng	Mubashir Siddiqui PEng	James Tinson PEng	StructEng	Ming Wo Wu PEng
Andrew Robertson PEng	Cheong Siew PEng	Shiva Tiwari EIT	Christopher Waltham	Shi Ping Wu PEng
James Robertson PGeo	Michael Simons EIT	Emil Tomescu PEng	PEng	Greg Wylie PEng
William Robinson PEng	Ian Simpson PEng	Janine Toneff PEng	Terence Walton PEng	StructEng
Erin Robson PEng	Nancy Sims PEng	Henry Touwslager PEng	Hansel Wang PEng	Wen Xiao PEng
Steve Rogak PEng	Doug Sinclair PEng	Sasa Trajkovic PEng	Brent Ward PGeo	Qing Hua Xu PEng
Ronald Rogers PEng	Raveen Singh PEng	Dmitri Traktovenko PEng	Walter Wardrop PEng	Cary Yan PEng
Ian Rokeby PEng	Glen Singleton PGeo	Roland Trenaman PEng	Roy Wares PEng	Ziwen Yao PEng
Mark Roozbahani PEng	Mark Sirges PEng	Will Trythall PEng	Eugene Wat PEng	Gholam-Hossein Yavari
Lee Rowley PEng	Ernst Sjoholm PEng	Danny Tsang PEng	Yuko Watai EIT	PEng
Bernard Roy PEng	Simon Skey PEng	Richard Tse PEng	John Watson PEng	Edward Yeadon PEng
Clive Rush PEng	Geoffrey Smallwood EIT	Kee Sun Tse PEng	Michael Watson PEng	Edmond Yeh EIT
Emily Sabo PEng	Colin Smith PEng	Siu Tse PEng	Andrew Watson PEng	Eugene Yeung PEng
Muhammad Saeed PEng	Tim Smith PGeo	Geoffrey Tsuyuki PEng	StructEng	Ding Yi EIT
Donna Salahub PEng	Soheyl Soltani PEng	Darryl Tunnicliffe PEng	Steven Weatherall PEng	Robert Yoneda PEng
Hamid Samani PEng	Dana Soong PEng	Raymond Turenne PEng	Gordon Webb PEng	Francis Yuen PEng
Harindra Samarasekera	James Sosiak PEng	Kevin Turner PEng	Rene Wedding PEng	Victor Zachanko PEng
PEng	William Spilchen PEng	Ruben Ugarte PEng	Irena Weiland PGeo EngL	Allan Zackodnik PEng
Brian Samuels PEng	Roland Spornicu PEng	Met Ulker PEng	Gerald Weiler PEng	S Carl Zanon PEng
Doug Sanders PEng	Douglas Spratt PEng	Horst Unger PEng	Ronald Weismiller PEng	Settimo Zanon PEng
Gerd Sandrock PEng	Gordon Springate PEng	Joseph Valentinuzzi PEng	Patricia Wells PEng	Ghassem Zarbi PEng
John Sansom PEng	Peter Stacey PEng	Stefan van der Boom PEng	Long Xiu Wen PEng	Eric Zhang PEng
Farrokh Sassani PEng	Michael Stamhuis PEng	Theodore Van der Gulik	James West PEng	Xichi Zheng PEng
Thomas Saunders PEng	Glenn Statler PEng	PEng	Dennis West PEng	Adam Zielinski PEng
Karen Savage PEng	Edwin Steele PEng	Nicholas Vander Kwaak	Scott Weston PGeo	
Ronald Sawatzky PEng	Gerald Stensgaard PEng	PEng	Thomas Whalen PEng	
Paul Saxton PEng	Ljubomir Stevanovic PEng	Robert Vander Steen PEng	Jim White PEng	
Gerry Sayers PEng	Roy Stewart PEng	Doug VanDine PEng/PGeo	Jack Whittles PGeo EngL	

## MINUTES OF THE 2008 ANNUAL GENERAL MEETING

The meeting was held at the Grand Okanagan Lakefront Resort in Kelowna, BC on Saturday, October 18, 2008. After determining that quorum of members was present, the Chair, President Janet Benjamin PEng, convened the meeting.

### *Message from the Premier*

A message from The Honourable Gordon Campbell, Premier of British Columbia was read aloud welcoming everyone to the AGM and congratulating APEGBC for maintaining the highest standards of entry and practice for professional engineers and geoscientists in British Columbia. The Chair also acknowledged Ralph Sultan PEng, MLA for West Vancouver/Capilano, and thanked him for attending.

### *Introduction of 2007/2008 Council*

The 2007/ 2008 members of Council were introduced to those assembled.

### *Introduction of Parliamentarian*

Robert Hunter LLB of Bull, Housser and Tupper LLP was introduced as the parliamentarian for the meeting.

### *Adoption of Meeting Rules*

The Meeting Rules circulated prior to the meeting were adopted by general consent.

### *Thank you to Branch, Committee, Division, and Task Force Volunteers*

President Benjamin recognized the many members who contribute their time in the care of the professions to serve on branch and division executives as well as those who serve committees, boards and task forces.

### *Introduction of Deans and Students*

The Deans and students present from UBC, UBC Okanagan, SFU, UVIC, UNBC, and BCIT were recognized.

### *Recognition of Deceased Members*

President Benjamin asked Mark Sirges PEng to come forward to read aloud the names of members who had passed away over the last year.

### *Approval of Minutes of 88th (2007) Annual General Meeting*

**MOTION:** It was moved and seconded (John Watson PEng, Linda Thorstad PGeo) that the minutes of the 2007 Annual General Meeting be accepted as printed. **CARRIED.**

### *Results of the 2008/2009 Council Election and Bylaw Amendments*

Phil Sunderland PEng, Chief Election Scrutineer, explained the process followed to receive and count the electronic ballots for the 2008/2009 council election and bylaw vote. Mr Sunderland stated that he and fellow scrutineers, Paul Blanchard PEng and Bill Gilmartin PEng were satisfied that the election was conducted in a confidential, fair and impartial manner.

This year response from our membership was comparable with other years with 19.7% of members returning ballots. 3,841 members returned their vote online. Ten paper ballots were returned.

The council election and bylaw amendment results were announced as follows:

President: Margaret Li PEng

Vice President: Russ Kinghorn PEng

Councillors elected to a two-year term: Emily Cheung PEng, Claudia Ng PEng, Bob Patrick PEng, Kevin Turner PEng, Michael Wrinch PEng

### *Bylaw Results*

**Bylaw 10(b)(i)** - The annual fee for registered members shall be as established by a resolution supported by 2/3 of the members of council voting.

Bylaw Amendment Not Ratified (65.36% for; 34.64% against)

**Bylaw 10(c)** - Council may grant non-practicing membership to a member who:

- 1) is out of the workforce with no income from employment or self-employment and
- 2) commits in writing not to engage in the practice of professional engineering or professional geoscience until released from the commitment.

Members granted non-practicing status shall retain voting privileges. They may also use the title PEng (Non-Practicing) or PGeo (Non-Practicing). Non-Practicing members who apply for practice status shall be required to pay the applicable fees set by council and to demonstrate compliance with the current requirements in the Act and Bylaws for registration as a member. Bylaw Amendment Ratified (81.25% for; 18.75% against)

### *Destruction of Council Election and Bylaw Ballots*

**MOTION:** It was moved and seconded (Phil Sunderland PEng, Bill Gilmartin PEng) to destroy in three months the electronic and paper ballots for the 2008/2009 Council election and bylaw amendments.

**CARRIED**



### **Annual Report and Financial Statements**

The Chair directed the assembly's attention to the 2007/2008 Annual Report, which included reports from the President and Executive Director, and APEGBC's financial statements. President Benjamin and Executive Director Derek Doyle PEng each verbally reported on highlights and achievements over the past year. The Chair called upon Mike Bapty PEng, Chair of the Audit Committee to explain the auditing process and to respond to questions from the membership on the Financial Statements before calling for the following motions:

**MOTION:** It was moved and seconded (Linda Thorstad PGeo, Bill Gilmartin PEng) that the audited financial statements for the 12 months ending June 30, 2008 be received. **CARRIED**

**MOTION:** It was moved and seconded (Dick Fletcher PEng, Frank Denton PEng) that the appointment of PriceWaterhouse Coopers LLP, Chartered Accountants, as the Association's auditors for the fiscal year ending June 30, 2009 be ratified. **CARRIED.**

### **Introduction of Guests from Other Associations**

Guests from related provincial, national and US associations were asked to stand and be recognized. President Dick Fletcher, PEng on behalf of Engineers Canada and President Bruce Broster, PGeo on behalf of the Canadian Council of Professional Geoscientists, brought greetings to the assembly.

### **Floor Motions**

The following motions for consideration by Council were made from the floor by APEGBC members:

**MOTION 1.** It is moved that Council give consideration to establishing an electronic forum which would allow members the opportunity to comment and discuss matters important to our association.  
Moved by Phil Sunderland PEng, seconded by Ed Hauptmann PEng. **CARRIED.**

**MOTION 2.** It is moved that Council give consideration to meeting the funding request of Engineers Canada for their National Communications Campaign. Moved by Phil Sunderland PEng, seconded by Linda Thorstad PGeo. **CARRIED.**

**MOTION 3.** It is moved that Council give consideration to finding a means by which engineers and geoscientists could both be represented on the Engineers Canada national communications program described by Dick Fletcher PEng. Moved by Phil Sunderland PEng, seconded by Roy Wares PEng. **CARRIED.**

**MOTION 4.** Whereas the Association has in previous years printed individual committee reports including committee members as a major part of the annual report, and whereas for the first time individual committee reports were essentially omitted from this year's annual report, it is moved that Council give consideration to publishing approximately one month prior to the AGM an annual report which includes the traditional committee reports. Moved by Roy Bartholomew PEng, seconded by Norm Johnson PEng.

An amendment to this motion was moved by Colin Smith PEng, seconded by Claudio Arato PEng.

Whereas the Association has in previous years printed individual committee reports including committee members as a major part of the annual report, and whereas for the first time individual committee reports were essentially omitted from this year's annual report, it is moved that Council give consideration to publishing approximately one month prior to the AGM an electronic addendum to the annual report which includes the traditional committee report. **CARRIED.**

### **Induction of President and 2008/2009 Council**

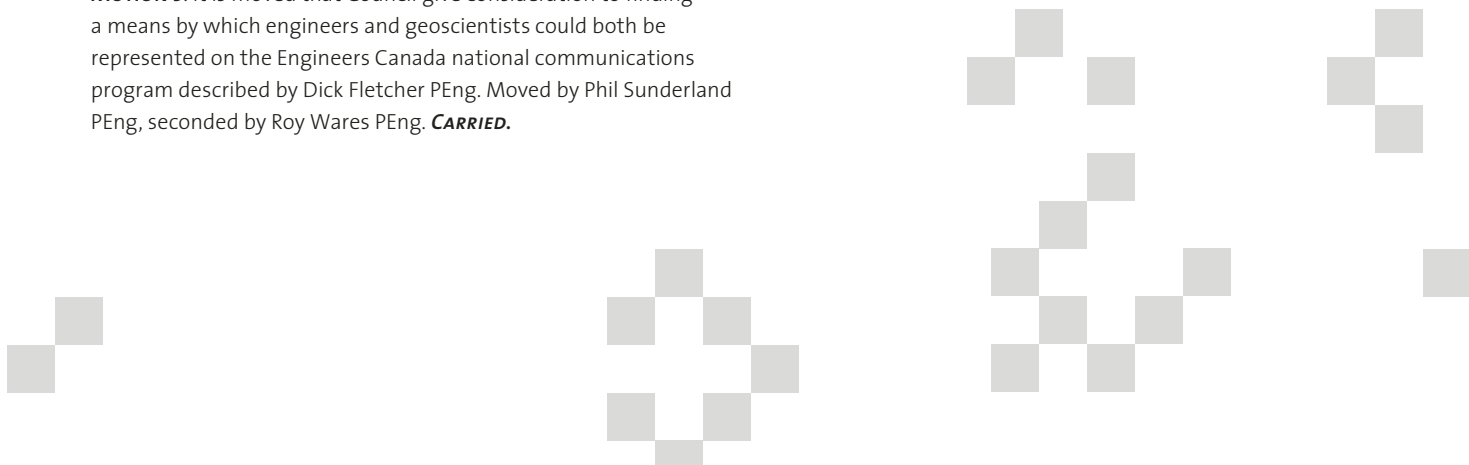
President Benjamin introduced the incoming President for 2008/2009 Council, Margaret Li PEng. Dr Li read aloud and signed the President's Declaration of Office. President Li then called on the newly elected Councillors to recite the Councillor's Declaration of Office. Following was the presentation of the Gold Foil Life Member disc to Past President Janet Benjamin PEng by the new President with thanks for her efforts over the past year.

### **2009 Annual Conference and 90th AGM – Victoria Conference Centre, Victoria, BC**

The Chair announced that the 2009 Annual Conference and 90th AGM will be held at the Victoria Conference Centre in Victoria, BC from October 15-17, 2009.

### **Adjournment**

The Chair declared the meeting adjourned at 11:10 am.



## 2008 ANNUAL GENERAL MEETING MOTIONS | ACTIONS TAKEN BY COUNCIL

The following motions from the floor were approved for Council's consideration by APEGBC members during the New Business Session of the Annual General Meeting held on October 18, 2008 in Kelowna, BC. The actions taken by Council are noted below each motion.

**MOTION 1.** It is moved that Council give consideration to establishing an electronic forum which would allow members the opportunity to comment and discuss matters important to our association.

Moved by Phil Sunderland PEng, seconded by Ed Hauptmann PEng.

**THE MOTION WAS CARRIED.**

Action Taken: Council determined that at the present time there are insufficient resources available to implement and manage an electronic forum. This issue will be reassessed when the resources become available.

**MOTION 2.** It is moved that Council give consideration to meeting the funding request of Engineers Canada for their National Communications Campaign.

Moved by Phil Sunderland PEng, seconded by Linda Thorstad PGeo.

**THE MOTION WAS CARRIED.**

Action Taken: Council will monitor APEGBC's ability to fund this program.

**MOTION 3.** It is moved that Council give consideration to finding a means by which engineers and geoscientists could both be represented on the Engineers Canada national communications program described by Dick Fletcher PEng.

Moved by Phil Sunderland PEng, seconded by Roy Wares PEng.

**THE MOTION WAS CARRIED.**

Action: Council forwarded this recommendation to APEGBC's Engineers Canada representatives.

**MOTION 4:** Whereas the Association has in previous years printed individual committee reports including committee members as a major part of the annual report, and whereas for the first time individual committee reports were essentially omitted from this year's annual report, it is moved that Council give consideration to publishing approximately one month prior to the AGM an annual report which includes the traditional committee reports.

Moved by Roy Bartholomew PEng, seconded by Norm Johnson PEng.

An amendment to this motion was moved by Colin Smith PEng, seconded by Claudio Arato PEng.

Whereas the Association has in previous years printed individual committee reports including committee members as a major part of the annual report, and whereas for the first time individual committee reports were essentially omitted from this year's annual report, it is moved that Council give consideration to publishing approximately one month prior to the AGM an electronic addendum to the annual report which includes the traditional committee report.

**THE AMENDED MOTION WAS CARRIED.**

Action Taken: Council assessed the current annual report format and noted that activities of committees were included throughout the report. This has been the practice since the 2006/2007 reporting year. It was therefore decided that as the current format gives greater prominence to the work of committees and allows the integration and overlap of various committees' activities to be more clearly demonstrated, that the annual report would continue to be published in its current format without a separate electronic addendum.



## APEGBC FOUNDATION

The Association of Professional Engineers and Geoscientists Foundation is a registered charity that promotes education in engineering and geoscience through the granting of bursaries and scholarships. The Foundation is administered by a board of trustees and operates at arm's-length from the Association. It encourages the involvement of external donors and partners, including branches, in establishing and funding other bursaries and scholarships.

The Foundation has had a very successful year, receiving just over \$71,000 to help support student engineering and geoscience education scholarships. The donations received mark a significant increase from the previous fiscal year that has allowed the Foundation to support more students than ever before. BC Hydro remains committed to the Foundation and the students in BC by generously donating \$22,500, which will provide 15 scholarships valued at \$1,500 each to deserving fourth-year engineering and geoscience students. Also the Foundation and the Central Interior Branch were able to establish a new scholarship that will support the Engineering Program at the University of Northern BC.

For the 2008/2009 fiscal year, many students received financial support through the Foundation's annual

program, which granted a total of 52 scholarships including the \$1,000 South Central Branch scholarship, seven \$1,500 undergraduate, fifteen \$2,500 university entrance, three \$1,000 university transfer, and eleven \$1,000 APEG-MAPS scholarships to aspiring engineers and geoscientists, as well as fifteen \$1,500 APEGBC/BC Hydro scholarships to fourth-year students. Total grant disbursements this year equalled over \$85,000.

The APEGBC Foundation's capital base currently stands at just over \$500,000, a small decrease from this time last year. Annual member contributions to the Foundation remain integral to the success of the Foundation's scholarship programs, and it is important that annual donations continuously increase in order to support the maintenance and expansion of the Foundation's ambitious scholarship programs. The Foundation would like to thank all contributing APEGBC members whose generosity has made this program possible. Contributions help ensure that the Foundation can continue to fund these important engineering and geoscience scholarships throughout the province.

Donations to the Foundation are tax deductible under Canada Revenue Agency regulations. Donations are welcome year-round and can be forwarded to the APEGBC Foundation c/o 200 - 4010 Regent Street, Burnaby, BC V5C 6N2. For more information, or to discuss giving a charitable gift, please contact Jennifer Cho at (604) 412-4870.

### Foundation Trustees

Ken Williams PEng, Chair  
Phil Seabrook PEng, Vice Chair  
Dan Lambert PEng  
George Csanyi-Fritz PEng  
John Watson PEng

## ENGINEERS AND GEOSCIENTISTS BENEVOLENT FUND

The Engineers and Geoscientists Benevolent Fund is a registered charity that assists APEGBC members in financial distress to overcome short term cash-flow difficulties, usually resulting from a loss of employment.

The Benevolent Fund is administered by a board of trustees and operates completely at arm's-length from the Association. Applications for assistance from the Benevolent Fund are reviewed by the board of trustees and the confidentiality of these applications is strictly maintained. Assistance can take the form of one-time grants, access to financial, career or personal counseling services, or access to other services as necessary.

The Benevolent Fund has had a reasonably active year with the recent economic recession having some bearing on the applications. The trustees had seven applications for assistance and dispensed a total of \$21,803 in funds to six of the applicants. Fund trustees continue to look for ways in which they can assist applicants to better promote their experience and qualifications to a prospective employer through counseling and training in good resume preparation.

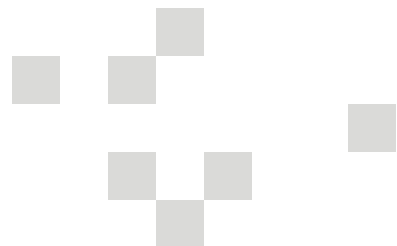
### Benevolent Fund Trustees

Bob Martin PEng, Chair  
Bob Affleck PEng  
Paul Blanchard PEng  
Kathy Kompauer PEng  
Bill Gilmartin PEng

The Fund's capital is healthy, and total donations for the period were \$5,455. Members who provide donations to support the Fund are issued with tax receipts for donations over \$10.

Many of those members who have received assistance from the Fund have felt that someone still cared, providing a boost to their self esteem when they were experiencing a very depressing time. Most recipients have managed to get their lives back in order after finding appropriate work.

Those members who feel they need assistance are reminded that they can discuss their particular situation in confidence by contacting APEGBC Member Service Coordinator Tim Verigin at [tverigin@apeg.bc.ca](mailto:tverigin@apeg.bc.ca) or (604) 412-4872.



## ASSOCIATION FINANCES | FINANCIAL OVERVIEW

As a self-regulatory body, it is important that members have a good understanding of the financial status of the Association in order to observe how it has fulfilled its mandate and achieved its strategic goals and objectives. This report provides a comprehensive overview of the financial status of the Association that can be read separately or in conjunction with the audited financial statements and notes.

### Financial Status

The following areas encompass the financial status of the Association as at June 30, 2009:

AREA	COMMENTS
1 Assets and Liabilities	What the Association owns and what it owes
2 Net Assets	Also known as "Net Worth," Net Assets is the difference between Assets and Liabilities.
3 Major inflows and outflows of cash during the year	Major items increasing or decreasing cash and short term investments
4 Revenues and Expenses for the year	Also known as "Operating Income Before Appropriations"

## 1 ASSETS AND LIABILITIES

### SUMMARY BALANCE SHEET AS AT JUNE 30 (\$000s)

ASSETS	2009	2008	CHANGE
Cash and Short Term Investments	\$5,419	\$5,586	(\$167)
Other Assets	535	535	0
Property and Equipment	3,738	3,268	470
<b>Total Assets</b>	<b>9,692</b>	<b>9,389</b>	<b>303</b>
LIABILITIES			
Accounts Payable and Accrued Liabilities	895	1,618	(723)
Deferred Fees	2,862	2,640	222
Deferred Revenue	938	457	481
Mortgage	74	126	(52)
<b>Total Liabilities</b>	<b>4,769</b>	<b>4,841</b>	<b>(72)</b>
NET ASSETS			
Liabilities and Net Assets	\$9,692	\$9,389	\$303

As at June 30, 2009, APEGBC had total liabilities of \$4.769 million compared to total assets of \$9.692 million, or liabilities totalling 49% of assets. The difference between total assets and total liabilities is equal to the Association's Net Assets (an accounting measure for the Association's "net worth" discussed below).

**STATUS:** The Association has total liabilities of \$4.769 million to total assets \$9.692 million or 49%. Liabilities are comprised of Deferred Fees/ Revenue of \$3.8 million for 2009/2010 operations and liabilities owed to external parties of \$969K.

## 2 NET ASSETS

### SUMMARY OF NET ASSETS AS AT JUNE 30 (\$'000s)

NET ASSETS	2009	2008	CHANGE
General Funds:			
Operating	\$199	\$346	(\$147)
Invested in Property and Equipment	3,664	\$3,142	522
Appropriated Funds:			
Property, Equipment and Systems Replacement Fund	800	800	-
Legal and Insurance Fund	260	260	-
<b>Total Net Assets</b>	<b>\$4,923</b>	<b>\$4,548</b>	<b>\$375</b>

It is important for not-for-profit professional associations to maintain reasonable reserves appropriate to their mandate and strategic goals to fund general operating and business activities, enhanced regulatory oversight, and any extraordinary circumstances that may arise.

#### General Funds

The “*Operating*” net asset fund decreased by \$147K from \$346K to \$199K during the year primarily due to investment in required computer systems upgrading and building improvements. It is the fund that is available for future operating activities, enhanced regulatory oversight, and any extraordinary circumstances that may arise.

The “*Invested in the property and equipment*” balance of \$3.664 million represents the amortized cost of capital asset purchases less the mortgage balance and is not available for future operating activities. This fund increased by \$522K during the year primarily due to investment in computer systems upgrading and building improvements.

#### Appropriated Funds

Building up reasonable reserves in “Appropriated” funds such as the “*Property, Equipment and Systems Replacement Fund*” is a prudent practice. Otherwise, there is a possibility that a required investment in property, equipment and systems may drive the General Operating Fund into a negative balance and further impact the ability to fund operations.

The “*Property, Equipment and Systems Replacement Fund*” represents an appropriation by Council, which serves the long-term objective of setting aside funds each year in a rational manner to ensure adequate resources are available to replace all property, equipment and systems when required. The balance of \$800K is adequate for the short term to complete the IT upgrading project and for building requirements, but not sufficient for the medium to longer term needs for the capital maintenance of the building and ongoing computer system needs.

The “*Legal and Insurance Fund*” balance of \$260K is adequate to cover two consecutive years of extraordinary legal and/or insurance costs.

**STATUS:** While some similar professional organizations target having an “Operating” net asset balance of six months of operating expenses, Council has set a target of a minimum of 1.5 months operating expenses or \$1.2 million to be held in the “Operating” net asset fund as an adequate general reserve given the stability of annual membership fee revenues and the Association’s ability to access an existing line of credit as a last resort. At \$199K, the current shortfall in the “Operating” net asset fund is approximately \$1.0 million.

### 3 CHANGES IN CASH AND SHORT TERM INVESTMENTS

#### SUMMARY OF CHANGES IN CASH AND SHORT TERM INVESTMENTS FOR THE YEAR ENDED JUNE 30 (\$000s)

		2009
Cash and Short Term Investments – Beginning of Year		\$5,586
Cash From Operating Activities	592	
Cash Used For Financing and Investing Activities:		
Investment In Property and Equipment	(707)	
Mortgage Repayments	(52)	(167)
Cash and Short Term Investments – End of Year		\$5,419

The Association's cash and short term investments decreased by \$167K from \$5,586 million to \$5,419 million during the year as required investments in computer systems upgrading, building improvements, and mortgage repayments more than offset cash generated from operating activities.

**STATUS:** The cash flows were close to expectations for 2009. Of the \$5,419 million cash and short term investments balance at June 30, 2009, \$3.8 million is from deferred membership fees and deferred revenue on government grant funding. These deferred revenue amounts have been collected and will in part pay for operating expenses to December 31, 2009, related to membership fees and upwards of 12 months related to deferred revenue on provincial government grant funding to develop guidelines such as Seismic Risk Assessment, Forest Roads, and Six-Storey Wood-Frame Buildings.

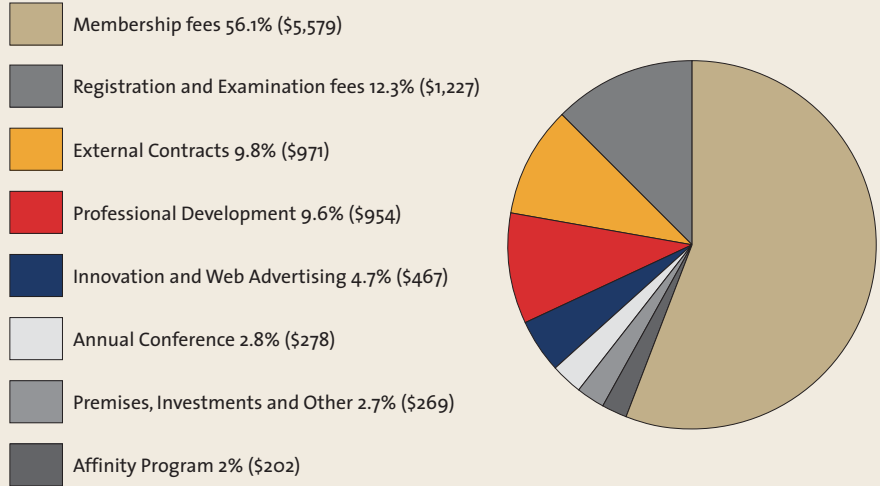
### 4 REVENUES AND EXPENSES FOR THE YEAR

#### REVENUE AND EXPENSES SUMMARY FOR THE YEAR ENDED JUNE 30 (\$000s)

	ACTUAL 2009	ACTUAL 2008	\$ CHANGE	% CHANGE
Revenue				
Fees	\$6,806	\$6,286	\$520	8.3%
Other revenue	3,141	2,859	282	9.9%
	9,947	9,145	802	8.8%
Expenses before amortization	9,335	8,887	448	5.0%
	612	258	354	137.2%
Amortization	237	200	37	18.5%
Operating Income Before Appropriations	\$375	\$58	\$317	546.6%

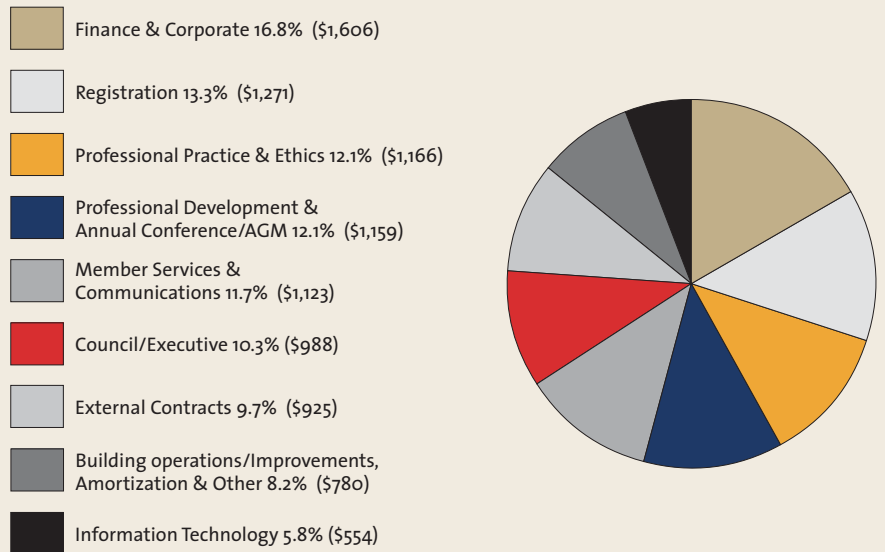
The "Operating Income Before Appropriations" of \$375K was \$317K above the \$58K Operating Income from last year and \$75K higher than the approved budget of \$300K for 2008/2009.

**APEGBC DISTRIBUTION 2008/2009 REVENUES OF \$9.947 MILLION (\$000's)**



Revenue increased by 8.8% or \$802K from the prior year to \$9.947 million. Annual membership fees increased by \$342K due to it being the first full year of the 2008 fee increase along with membership growth. Higher grant and project administration fees contributed \$380K. There were also smaller increases in other revenues including ancillary fees, professional development, annual conference, and affinity programs. However, due in part to the economic downturn a number of revenues decreased including investment income and *Innovation* advertising.

**APEGBC 2008/2009 EXPENSES BY PROGRAM AREA OF \$9.572 MILLION (\$000's)**



Expenses before amortization increased by 5.0% or \$448K from the prior year to \$9.335 million. The majority of this increase was due to an increase of \$390K from higher grant and project administration activities funded by external grant revenue. Excluding the increase from grant projects, expenses before amortization increased by only 0.7% due to cost control initiatives implemented by management in response to challenging economic conditions. Amortization increased by \$37K to \$237K due to investments in computer systems and building improvements.

**STATUS:** The "Operating Income Before Appropriations" of \$375K was a satisfactory result for the fiscal year. However, given the current requirement to invest in computer systems upgrading and building improvements, the "General Operating" net asset fund actually decreased by \$147K as discussed above. In general, annual "Operating Income Before Appropriations" of at least \$300K is required in order to be able to invest in capital assets and to replenish fund balances required for future operating activities, enhanced regulatory oversight, and capital asset purchases.

**IT 2020 - IT Transformation Project**

In September 2007, Council approved an investment of \$1.2 million in new information systems to implement an integrated platform with real-time web services to provide more effective and timely service delivery for the next decade. The first phase of the project was successfully implemented in September of 2008 to upgrade core member database, web services, and accounting systems functionality and transaction processing capabilities.

During the year, capital costs of \$399K (2008 – \$379K) were incurred on the project under software purchase agreements and fixed price implementation agreements. These agreements were negotiated with three implementation consultants to significantly reduce the financial risk of the project. Additional phases of the project will be completed over the next two fiscal years including the online application system to automate the registration intake process.

**Application of Sustainable Financial Policy**

In May 2007, Council approved the Sustainable Financial Policy that provides linkage and alignment between the Strategic Service Plan, Council’s Priorities, and the Annual Operating Budget.

Fiscal 2008/2009 was the second full year under this strategic framework. The purpose of the policy is to guide the Association in attaining its goals and objectives while maintaining a financially viable organization for the long-term. The table below shows the policies and outcomes for the year:

POLICY	OUTCOME
1. Annual review of economies, efficiencies and effectiveness of current expenditures and revenue strategies	Six initiatives were included in the operating budget approved for 2008/2009. These initiatives produced a total reduction in expenditures of approximately \$80K due primarily to the application of technology and new processes such as enabling members to opt out of receiving communication that can be viewed electronically.
2. The Applications and Registration program (the intake process) are financially self-sustaining	For 2008/2009, a margin of \$314K was generated before allocation of corporate costs and overhead.
3. The Continuing Professional Development instructional and service delivery are financially self-sustaining	For 2008/2009, a margin of \$105K was generated before allocation of corporate costs and overhead.
4. Non-core programs are generally financially self-sustaining	For 2008/2009, all non-core programs such as affinity and student programs were self-sustaining recovering all direct costs including salaries and benefits.
5. The annual member fees fund only core programs	Membership fees account for only 56% of total revenues while core programs account for at least 85% of total expenditures.
6. Membership growth is actively pursued	Membership growth is funded in the operating budget which includes the allocation of staff time to registration outreach programs. The APEG MAPS program, in place since 2000, has also increased the intake of students as members-in-training.
7. The annual member fee is reviewed each year	As reviewed during the annual planning and budgeting process, a fee bylaw increase to the professional member fee of \$56, from \$279 to \$335, was requested in April of 2009. With 59.8% support, the bylaw did not receive the required 66.7% approval from members.

## FINANCIAL STATEMENTS

### FINANCIAL STATEMENTS OF THE ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF BRITISH COLUMBIA AS AT JUNE 30, 2009

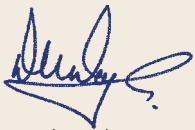
#### Management's Responsibility

The financial statements of the Association of Professional Engineers and Geoscientists of the Province of British Columbia have been prepared by management in accordance with generally accepted accounting principles in Canada and have been approved by Council. The statements include amounts based on informed judgments and estimates of the expected effects of current events and transactions.

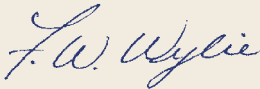
To meet its responsibility for preparing reliable financial information, management maintains and relies on comprehensive internal accounting, operating and system controls. These controls are designed to provide reasonable assurance that the financial records are reliable for preparing financial statements and safeguarding the assets of the organization.

Council has appointed an Audit Committee, comprising four members of Council (two non-elected members of Council and two members of Council who are not on the Executive Committee), that has reviewed the statements with management and the external auditors in detail.

PricewaterhouseCoopers LLP have been appointed by the membership as independent auditors to examine and report on the financial statements. They have had full and free access to the records of the Association, management staff and the Audit Committee. Their report appears at right.



Derek Doyle PEng MBA  
Executive Director and Registrar



Fred Wylie CGA CMA CHRP  
Director, Internal Affairs

#### Auditors' Report

To the Members of **The Association of Professional Engineers and Geoscientists of the Province of British Columbia**

We have audited the balance sheet of The Association of Professional Engineers and Geoscientists of the Province of British Columbia as at June 30, 2009 and the statements of changes in net assets, revenue and expenses and cash flows for the year then ended. These financial statements are the responsibility of the Association's management. 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 plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In our opinion, these financial statements present fairly, in all material respects, the financial position of the Association as at June 30, 2009 and the results of its operations and its cash flows for the year then ended in accordance with Canadian generally accepted accounting principles.



Chartered Accountants

September 11, 2009

## FINANCIAL STATEMENTS

### BALANCE SHEET AS AT JUNE 30, 2009

	2009	2008
	\$	\$
<b>ASSETS</b>		
<b>Current assets</b>		
Cash and cash equivalents	193,280	36,140
Short-term investments	5,226,111	5,550,225
Accounts receivable (note 3)	118,312	146,517
Interest receivable	8,311	21,492
Prepaid expenses	390,251	319,690
Inventory	18,239	46,727
	5,954,504	6,120,791
Property and equipment (note 4)	3,737,601	3,267,941
	9,692,105	9,388,732
<b>LIABILITIES AND NET ASSETS</b>		
<b>Current liabilities</b>		
Accounts payable and accrued liabilities	895,313	1,617,783
Deferred fees	2,862,121	2,640,183
Deferred revenue	937,598	456,832
Current portion of mortgage (note 5)	54,760	51,969
	4,749,792	4,766,767
<b>Mortgage (note 5)</b>	18,899	73,659
	4,768,691	4,840,426
<b>Net assets (note 2)</b>		
<b>General fund</b>		
Operating	199,472	345,993
Invested in property and equipment	3,663,942	3,142,313
Property, equipment and systems replacement fund	800,000	800,000
Legal and insurance fund	260,000	260,000
	4,923,414	4,548,306
	9,692,105	9,388,732
<b>Commitments (note 6)</b>		

## FINANCIAL STATEMENTS

### STATEMENT OF CHANGES IN NET ASSETS FOR THE YEAR ENDED JUNE 30, 2009

	GENERAL FUND				2009	2008
	Invested in property and equipment \$	Operating \$	Property, equipment and systems replacement fund \$	Legal and insurance fund \$	Total \$	Total \$
<b>Net assets - Beginning of year</b>	3,142,313	345,993	800,000	260,000	4,548,306	4,490,551
Excess of revenue over expenses	(237,392) <sup>(1)</sup>	612,500 <sup>(2)</sup>	-	-	375,108	57,755
Investment in property and equipment	707,052	(707,052)	-	-	-	-
Repayment of mortgage principal	51,969	(51,969)	-	-	-	-
<b>Net assets - End of year</b>	<b>3,663,942</b>	<b>199,472</b>	<b>800,000</b>	<b>260,000</b>	<b>4,923,414</b>	<b>4,548,306</b>

**Note:**

- (1) Amortization for year
- (2) Excess of revenue over expenses before amortization

## FINANCIAL STATEMENTS

### STATEMENT OF REVENUE AND EXPENSES FOR THE YEAR ENDED JUNE 30, 2009

		2009	2008
		\$	\$
<b>REVENUE</b>			
<b>Fees</b>	Annual membership fees	5,578,476	5,236,482
	Application, registration and certification fees	874,086	719,356
	Professional and academic examinations	352,997	329,780
		<u>6,805,559</u>	<u>6,285,618</u>
<b>Other revenue</b>	Affinity programs	202,060	134,366
	Annual conference	278,419	231,787
	Grant and project administration	970,998	590,701
	Innovation magazine and other advertising	466,919	497,469
	Investment income	73,585	191,728
	Miscellaneous	53,961	93,759
	Premises	141,440	195,873
	Professional development	953,988	923,236
		<u>3,141,370</u>	<u>2,858,919</u>
<b>Total revenue</b>		<u>9,946,929</u>	<u>9,144,537</u>
<b>EXPENSES</b>			
	Advertising	26,325	126,063
	Annual conference - facilities and meals	146,544	133,962
	Canadian Councils of Professional Engineers and Geoscientists	220,664	248,122
	Contract and consulting services	1,043,800	1,110,960
	Contract and consulting services on grants	881,754	524,653
	Examinations and examination books	198,651	188,856
	Grants and awards	36,161	78,962
	Innovation magazine printing	115,267	154,158
	Interest on mortgage	5,408	10,082
	Legal	384,448	341,889
	Meetings, seminar room rentals and special events	414,118	406,585
	Miscellaneous	59,833	38,220
	Office and general	614,343	519,429
	Premises and operating costs	520,780	305,931
	Printing, publication and distribution costs	427,559	519,582
	Salaries and employee benefits	3,663,039	3,687,266
	Secondary professional liability insurance premiums	145,804	141,228
	Telecommunications	75,065	70,192
	Travel	354,866	280,721
		<u>9,334,429</u>	<u>8,886,861</u>
<b>Total expenses before amortization</b>		<u>9,334,429</u>	<u>8,886,861</u>
<b>Excess of revenue over expenses before amortization</b>		612,500	257,676
<b>Amortization</b>		237,392	199,921
<b>Excess of revenue over expenses for the year</b>		<u>375,108</u>	<u>57,755</u>

## FINANCIAL STATEMENTS

### STATEMENT OF CASH FLOWS FOR THE YEAR ENDED JUNE 30, 2009

	2009	2008
	\$	\$
<b>Cash flows from operating activities</b>		
Excess of revenue over expenses for the year	375,108	57,755
Item not affecting cash - amortization of property and equipment	237,392	199,921
	612,500	257,676
(Decrease) increase in working capital accounts (see below)	(20,453)	924,563
	592,047	1,182,239
<b>Cash flows from financing and investing activities</b>		
Investment in property and equipment	(707,052)	(452,710)
Decrease (increase) in short-term investments	324,114	(1,474,957)
Mortgage repayments	(51,969)	(130,238)
	(434,907)	(2,057,905)
<b>Increase (decrease) in cash and cash equivalents</b>	157,140	(875,666)
<b>Cash and cash equivalents - Beginning of year</b>	36,140	911,806
<b>Cash and cash equivalents - End of year</b>	193,280	36,140

### SUPPLEMENTARY INFORMATION

<b>Increase (decrease) in working capital accounts</b>		
Accounts receivable	28,205	85,595
Interest receivable	13,181	50,984
Prepaid expenses	(70,561)	(261,299)
Inventory	28,488	(31,626)
Accounts payable and accrued liabilities	(722,470)	505,318
Deferred fees	221,938	357,618
Deferred revenue	480,766	217,973
	(20,453)	924,563
<b>Interest paid</b>	5,408	10,082

# NOTES TO FINANCIAL STATEMENTS

## 1 Mandate

The Association of Professional Engineers and Geoscientists of the Province of British Columbia (the Association or APEGBC) is incorporated under the provisions of the Engineers and Geoscientists Act. The Association's mandate is to protect public safety, health and well-being through the application of engineering and geoscience, as well as to ensure the responsible self-governance and vitality of the professions.

## 2 Significant accounting policies

These financial statements include the financial activities of the Association exclusive of the net assets of the Association of Professional Engineers and Geoscientists Foundation and Engineers and Geoscientists Benevolent Fund (note 8). The Association also collects funds on behalf of member supported branches and divisions that are considered separate entities from the Association. Therefore, the operations of these branches and divisions are not included in these financial statements.

### *Net assets*

The "General fund" comprises two components. "Operating" represents funds used in the general operating and business activities including any extraordinary circumstances that may arise and "Invested in property and equipment" represents the investment in property and equipment used in those activities.

"Property, equipment and systems replacement fund" represents an appropriation by Council, which serves the long-term objective of setting aside funds each year in a rational manner to ensure adequate resources are available to replace all property, equipment and systems when required. Council reviews the method and the amount appropriated each year to ensure that the appropriation provides a reasonable basis for property, equipment and systems replacement. All property, equipment and systems acquisitions are approved by Council as part of the annual budgeting process.

"Legal and insurance fund" relates to an appropriation by Council to set up a legal and insurance reserve to allow for extraordinary cases and situations over and above annual expectations. This allows the Association to be prepared for future realistic contingencies. The amount appropriated for legal and insurance is reviewed by Council annually.

### *Managing capital*

The Association defines its capital as the amount included in its net asset balances. The Association's objective when managing its capital is to safeguard its ability to continue as a going concern so that it can continue to fulfill its mandate as described in note 1. While there are no external restrictions on any of the net assets, Council has appropriated certain of the funds for specific purposes as described in net assets.

### *General Fund*

As at June 30, 2009, the General Fund comprises \$3,663,942 that is invested in the property and equipment and is not available for other future operating activities and \$199,472 that is available for future operating activities including any extraordinary circumstances that may arise. While some similar professional organizations target having an "Operating" net asset balance of six months of operating expenses, Council has set a target of a minimum of 1.5 months operating expenses or \$1,200,000 to be held in the "Operating" net asset fund as an adequate general reserve given the stability of annual membership fee revenues and the Association's ability to access an existing line of credit as a last resort. The current shortfall in the "Operating" net asset fund is approximately \$1,000,000.

In 2007, Council approved the Sustainable Financial Policy that provides linkage and alignment between the Strategic Service Plan, Council's Priorities and Annual Operating Budget. Through this strategic framework, the Association will move methodically in future years to address the issues of adequate financial resources to attain its goals and objectives while maintaining a financially viable organization in the long-term.

### *Appropriated Funds*

As at June 30, 2009, the Property, Equipment and Systems Replacement Fund balance is \$800,000. Council considers this amount adequate for the short-term upgrading and replacement of computer systems, but not sufficient for the medium to longer term needs for the capital maintenance of the building and ongoing computer system needs.

As at June 30, 2009 the Legal and Insurance Fund balance is \$260,000. Council considers this amount adequate to cover two consecutive years of extraordinary legal and/or insurance costs.

## NOTES TO FINANCIAL STATEMENTS

### **Revenue recognition**

The Association follows the deferral method of accounting for annual fees and other revenues which are received, but for which services have not yet been performed. Membership and other fees are billed and received in advance on a calendar-year basis. Accordingly, a portion of these fees received prior to June 30, 2009, have been deferred for financial reporting purposes and will be recognized as revenue over the remainder of the current calendar year.

The Association enters into certain engineering contracts for which it subcontracts the required services. These contracts are accounted for on the percentage of completion basis.

All other revenues are recognized when receivable if the amount to be received can be reasonably estimated and collection is reasonably assured.

### **Amortization**

Amortization is recorded by using the following annual rates calculated on a straight-line basis:

Building, 3.3%

Computer, 10% - 33.3%

Software and development, 10%

Furniture and fixtures, 10%

### **Donated services**

The Association and its members benefit from donated services in the form of volunteer time for various committees. Donated services are not recognized in these financial statements.

### **Cash and cash equivalents**

Cash and cash equivalents consist of cash on deposit with banks and money market deposits having a term of less than 90 days.

### **Short-term investments**

Short-term investments may consist of federal and provincial government bonds, T-bills and financial institution guaranteed securities consistent with the Association's investment policy. The investments are designated as held-to-maturity and are recorded at amortized cost. Interest income is recognized over the life of the instruments using the effective interest rate method. As at June 30, 2009, short-term investments consist only of treasury bills with terms of under six months.

### **Inventory**

Inventories relate principally to exam books and professional development CD-ROMs. Inventories are recorded at the lower of cost and net realizable value. Cost is determined on a specific item, actual cost basis.

### **Controlled funds**

#### *The Association of Professional Engineers and Geoscientists Foundation (the Foundation)*

The Foundation provides financial support to fund, facilitate and promote activities and programs related to education in engineering and geoscience. The Foundation was incorporated on May 11, 1993 under the British Columbia Society Act and is a registered charity under the Income Tax Act.

The Association controls the operations of the Foundation through its ability to appoint the Trustees, who direct all activities of the Foundation. The Association does not consolidate the financial results of the Foundation.

#### *Engineers' and Geoscientists' Benevolent Fund (the Benevolent Fund)*

The Benevolent Fund provides financial assistance to members of the Association and their dependants who qualify for assistance. The Benevolent Fund is a registered charity under the Income Tax Act.

The Association controls the operations of the Benevolent Fund through its ability to appoint the Trustees, who direct all activities of the Benevolent Fund. The Association does not consolidate the financial results of the Benevolent Fund.

Financial information for the controlled funds is provided in note 8.

## NOTES TO FINANCIAL STATEMENTS

### *Use of estimates*

The preparation of financial statements in accordance with Canadian generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and revenues and expenses during the year. Significant areas requiring the use of estimates relate to determining the useful life of property and equipment and deferral of membership fees. Financial results, as determined by actual events, may differ from those estimates.

### *Accounting changes*

The Association continues to apply Canadian Institute of Chartered Accountants Handbook Section 3861, *Financial Instruments - Disclosure and Presentation* instead of Section 3862, *Financial Instruments - Disclosures* and Section 3863, *Presentation*.

### 3 Accounts receivable

The accounts receivable balance of \$118,312 (2008 - \$146,517) does not include the balance of full annual fees of \$25,449 (2008 - \$35,997) from members who qualify for reduced fee status (those unemployed, on parental leave, or attending university full time). Should these members not qualify for reduced fee status at any time during the year, the balance of the full annual membership fee becomes receivable by the Association.

### 4 Property and equipment

			2009	2008
	<b>COST</b>	<b>ACCUMULATED</b>	<b>NET</b>	<b>NET</b>
	<b>\$</b>	<b>AMORTIZATION</b>	<b>\$</b>	<b>\$</b>
		<b>\$</b>		
Land	874,011	-	874,011	874,011
Building	3,251,166	1,516,951	1,734,215	1,842,643
Computer	1,312,107	1,146,654	165,453	153,228
Software and development	754,164	31,125	723,039	355,077
Furniture and fixtures	667,116	426,233	240,883	42,982
	<b>6,858,564</b>	<b>3,120,963</b>	<b>3,737,601</b>	<b>3,267,941</b>

The APEGBC building is insured for \$5,196,000 based on recently appraised replacement costs.

## NOTES TO FINANCIAL STATEMENTS

### 5 Mortgage

	INTEREST	2009	2008
	%	\$	\$
Mortgage, repayable in monthly blended principal and interest payments of \$4,802, maturing in October 2010	5.31	73,659	125,628
Less: Current portion		54,760	51,969
		<b>18,899</b>	<b>73,659</b>

A first charge on the land and building has been provided as security for the loan.

Principal payments required are as follows:

	\$
2010	54,760
2011	18,899
	<b>73,659</b>

### 6 Commitments

The Association has operating lease commitments for office equipment for the next five years and a property management fee for fiscal 2010 requiring the following minimum payments:

	\$
YEAR ENDING JUNE 30	
2010	93,117
2011	26,938
2012	12,565
2013	12,565
2014	5,235
	<b>150,420</b>

The Association has entered into various fixed-price information technology implementation contracts. The total commitments under these contracts are \$262,750.

### 7 Pension plan

The Association has established a defined-contribution pension plan for its employees, under which the Association matches annually the amount contributed by the employees up to 7.85% of qualifying employees' gross earnings. Pension expense for the year was \$190,859 (2008 - \$186,829).

## NOTES TO FINANCIAL STATEMENTS

### 8 Controlled funds

The Association controls the operations of the Benevolent Fund and the Foundation.

Summary financial information on each of the controlled funds is as follows:

	2009	2008
	\$	\$
<b>BENEVOLENT FUND</b>		
Total assets	236,624	248,975
Total liabilities	1,400	2,550
Net assets	235,224	246,425
Revenue - contributions and investment income	12,002	26,228
Expenses and grants	23,203	7,775
<b>FOUNDATION</b>		
Total assets	510,160	513,561
Total liabilities	1,400	2,550
Net assets	508,760	511,011
Revenue - contributions and investment income	85,017	81,956
Expenses and grants	87,268	70,600

Information on cash flows from operating, financing and investing activities for the year ended June 30, 2009 for the Benevolent Fund and the Foundation has not been presented as it would not provide any additional meaningful information that is not already provided in the information disclosed above.

### 9 Financial instrument risks

#### *Market and credit risk exposure*

The Association is not exposed to significant market and credit risk as short-term investments consist of only treasury bills with terms less than six months and with fixed interest terms.

#### *Credit concentration risk exposure*

The Association is not exposed to credit concentration risk as its accounts receivable are due from numerous parties.

#### *Interest rate risk exposure*

The Association is not exposed to significant interest rate risk as interest expense on the mortgage payable is calculated based on a fixed rate.

#### *Foreign exchange risk exposure*

The Association is not exposed to significant foreign exchange risk as revenues and expenditures denominated in foreign currencies are nominal.

**PROGRAM STATEMENTS (UNAUDITED)**  
FOR THE YEAR ENDED JUNE 30

	2010 BUDGET	2009 ACTUAL	2009 BUDGET
	\$	\$	\$
<b>REVENUE</b>			
<b>FEES</b>			
Annual membership fees	5,833,999	5,578,476	5,664,459
Application, registration and certification fees	946,265	874,086	801,033
Professional and academic examinations	354,795	352,997	288,608
	7,135,059	6,805,559	6,754,100
<b>OTHER REVENUE</b>			
Affinity programs	142,900	202,060	190,800
Annual conference	234,720	278,419	235,000
Grant and project administration	559,000	970,998	1,200,000
Innovation magazine and other advertising	430,000	466,919	480,000
Investment income	70,000	73,585	160,000
Miscellaneous	127,581	53,961	64,465
Premises	97,627	141,440	147,000
Professional development	961,975	953,988	950,635
	2,623,803	3,141,370	3,427,900
<b>TOTAL REVENUE</b>	<b>9,758,862</b>	<b>9,946,929</b>	<b>10,182,000</b>

**PROGRAM STATEMENTS (UNAUDITED)**  
FOR THE YEAR ENDED JUNE 30

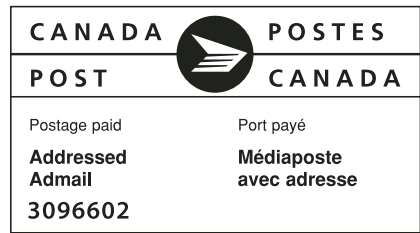
	2010 BUDGET	2009 ACTUAL	2009 BUDGET
	\$	\$	\$
<b>EXPENDITURES</b>			
<b>REGISTRATION</b>			
Applications/ Registration	131,300	174,610	121,475
Competency Assessment Grant Project	144,000	-	-
EIT/GIT Professional Certification	12,790	1,738	12,790
Limited License	14,790	5,409	14,790
Professional and Academic Examinations	195,250	205,920	194,250
Structural Qualifications	17,550	24,143	28,500
Non-Program Specific	11,500	11,045	11,500
Salaries & Benefits	943,970	848,418	885,080
	1,471,150	1,271,283	1,268,385
<b>PROFESSIONAL STANDARDS &amp; DEVELOPMENT</b>			
External Grant Projects	375,000	924,851	1,110,000
Practice Review	136,200	164,597	199,200
Professional Practice	141,500	16,692	78,500
Professional Renewal	90,000	13,328	64,000
Quality Assurance	20,000	-	-
Non-Program Specific	3,300	4,832	3,300
Salaries & Benefits	419,551	320,334	383,262
	1,185,551	1,444,634	1,838,262
<b>PROFESSIONAL ETHICS</b>			
Discipline	273,500	327,236	232,500
Enforcement	20,000	7,081	50,000
Investigations	29,560	31,211	30,110
Non-Program Specific	300	13,517	-
Salaries & Benefits	280,439	267,211	220,894
	603,799	646,256	533,504

**PROGRAM STATEMENTS (UNAUDITED)**  
 FOR THE YEAR ENDED JUNE 30

	2010 BUDGET \$	2009 ACTUAL \$	2009 BUDGET \$
<b>COMMUNICATIONS &amp; ENGAGEMENT</b>			
<b>Communications</b>			
Annual Report	35,500	20,846	19,000
Awards	43,750	29,404	43,200
Elections	11,200	23,916	48,000
Innovation Magazine	336,050	288,904	348,350
Stakeholder Engagement	298,226	214,537	295,408
<b>Member Services</b>			
Affinity programs	3,800	664	3,800
Annual Conference & AGM	340,934	309,588	339,750
Professional Development	578,352	518,321	602,509
Employment Services	50,000	48,830	38,000
Mentoring	5,750	3,466	5,001
Non-Program Specific	20,626	9,587	12,628
Salaries & Benefits	951,863	814,114	902,130
	2,676,051	2,282,177	2,657,776
<b>COUNCIL &amp; EXECUTIVE</b>			
Canadian Council of Professional Engineers & Geoscientists	420,545	378,168	427,067
Council/Executive	133,100	159,440	104,100
Non-Program Specific	4,100	706	4,100
Salaries & Benefits	516,809	449,358	512,857
	1,074,554	987,672	1,048,124
<b>FINANCIAL AND CORPORATE</b>			
Annual Invoicing	47,000	38,600	48,000
Building Operations & Renovations	311,600	536,369	259,500
Information Systems & Development	381,000	361,326	337,000
Human Resources, Training, & Development	144,000	193,749	131,500
Non-Program Specific	508,040	606,119	507,260
Salaries & Benefits	1,029,067	963,602	925,639
	2,420,707	2,699,765	2,208,899
<b>SPECIAL PROGRAMS</b>			
Benevolent Fund	150	86	150
Foundation	1,900	2,556	1,900
Contingency	100,000	-	50,000
	102,050	2,642	52,050
<b>TOTAL EXPENDITURES BEFORE AMORTIZATION</b>			
	9,533,862	9,334,429	9,607,000
Amortization	350,000	237,392	275,000
<b>TOTAL EXPENDITURES</b>			
	9,883,862	9,571,821	9,882,000
<b>Excess of Revenue Over Expenditure for the Year</b>	(125,000)	375,108	300,000

## APEGBC BY THE NUMBERS 2008/2009

25	Members-in-Training were paired with mentors
186	Practice Reviews were initiated
634	Individuals became PEng and PGeo members this year
628	Professional engineers and geoscientists transferred from other provinces/territories
814	New members-in-training joined APEGBC
1,590	Applications for professional registration were received
10	Awards were given to recognize outstanding members or projects
190	Professional development seminars were organized
17	Professional development webcasts were broadcast
2,365	People attended APEGBC professional development seminars
744	People attended the 2008 Annual Conference
19.7%	Of eligible members voted in the Council election
39.3%	Of eligible members voted in the bylaw amendment vote
60	Association committees, task forces, divisions and branches were active this year
896	Members were volunteers on committees, boards, task forces, divisions or branches
67	APEGBC Branch events were held throughout BC
11	National Engineering and Geoscience Week events were held by APEGBC Branches
52	Scholarships were awarded this year
11	Student events
9	Career Awareness presentations
13	Affinity programs offered
11,040	Members accessed the APEGBC online member portal
12	Editions of Connections E-newsletter were produced and sent to members
6	Issues of Innovation magazine were published
\$76,548	Was donated to the Foundation and the Benevolent Fund by members
\$21,803	Was disbursed to Benevolent Fund Applicants



The Association of Professional  
Engineers and Geoscientists of BC  
200 - 4010 Regent Street, Burnaby  
British Columbia, Canada V5C 6N2

Telephone: 604-430-8035  
Toll-free Canada-wide: 1-888-430-8035  
Facsimile: 604-430-8085  
General e-mail: [apeginfo@apeg.bc.ca](mailto:apeginfo@apeg.bc.ca)  
Web: [www.apeg.bc.ca](http://www.apeg.bc.ca)