**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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Front Cover Photo: Yuko Watai
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).

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 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.
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

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.apeg.bc.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

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 policies 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

Professional Renewal - Review of Association programs and mechanisms
• Task force recommendations for public interest, ethics, registration and professional standards examined and approved

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:
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

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

<table>
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<tr>
<th>Year</th>
<th>Professional Engineers</th>
<th>Professional Geoscientists</th>
<th>Dual Registration (PEng/PGeo)</th>
<th>Provisional Members (Eng)</th>
<th>Engineers-in-Training</th>
<th>Geoscientists-in-Training</th>
<th>Non-Resident Licence (PEng)</th>
<th>Non-Resident Licence (PGeo)</th>
<th>Limited Licences (EngL)*</th>
<th>Limited Licence (GeoL)</th>
<th>TOTAL MEMBERSHIP**</th>
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<td>2004/2005</td>
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* 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

Updates to the following guidelines were made:
- APEGBC Guidelines for Professional Structural Engineering Services for Part 3 Building Projects
- Bulletin I: Use of Seal (updated to recognize use of digital signature and electronic seal)

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/ABCFP (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

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

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• 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
• 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 practised 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 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.

**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
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, 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. If further investigation is warranted, the matter proceeds to the Investigation Committee, which comprises senior members of the professions.

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.

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.

1 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

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

<table>
<thead>
<tr>
<th>Discipline Files</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Files carried forward from previous years</td>
<td>2</td>
</tr>
<tr>
<td>Files from Investigation</td>
<td>6</td>
</tr>
<tr>
<td>Discipline Files Closed in this year</td>
<td>5</td>
</tr>
<tr>
<td>Total files open at end of this year</td>
<td>3</td>
</tr>
</tbody>
</table>

Incoming Complaints for 2008/2009

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

Outcomes from Complaints

<table>
<thead>
<tr>
<th>Investigation Files</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Files closed by Designated Reviewer</td>
<td>18</td>
</tr>
<tr>
<td>Files closed by Investigation Committee</td>
<td>16</td>
</tr>
<tr>
<td>Total investigation files closed</td>
<td>34</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Discipline Files</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Member found not liable at inquiry</td>
<td>0</td>
</tr>
<tr>
<td>Member found liable at inquiry</td>
<td>3</td>
</tr>
<tr>
<td>Consent Order accepted by member</td>
<td>0</td>
</tr>
<tr>
<td>Agreement accepted by member</td>
<td>2</td>
</tr>
<tr>
<td>Total discipline files closed</td>
<td>5</td>
</tr>
</tbody>
</table>
### Dispositions

<table>
<thead>
<tr>
<th>Disposition</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Liable</td>
<td>0</td>
</tr>
<tr>
<td>Revoke</td>
<td>0</td>
</tr>
<tr>
<td>Suspend</td>
<td>1</td>
</tr>
<tr>
<td>Practice Restrictions</td>
<td>0</td>
</tr>
<tr>
<td>Practice Review</td>
<td>3</td>
</tr>
<tr>
<td>Upgrade (courses, exams, etc.)</td>
<td>0</td>
</tr>
<tr>
<td>Fine</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
</tr>
<tr>
<td>Pending Files</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>8</strong></td>
</tr>
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</table>

* Only the most serious penalty is listed.

### Investigation Committee

<table>
<thead>
<tr>
<th>Disposition</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letter of Recommendation (Investigation Committee)</td>
<td>11</td>
</tr>
<tr>
<td>Closed without Letter of Recommendation (Designated Reviewer or Investigation Committee)</td>
<td>23</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>34</strong></td>
</tr>
</tbody>
</table>

### Enforcement Activities

#### Summary

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Files Carried Forward from Previous Years</td>
<td>29</td>
</tr>
<tr>
<td>Files Opened in this year</td>
<td>33</td>
</tr>
<tr>
<td>Files Closed in this year</td>
<td>44</td>
</tr>
<tr>
<td><strong>Total files open at end of this year</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

#### Enforcement Cases

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use of Title - Individual</td>
<td>13</td>
</tr>
<tr>
<td>Practice by non-member</td>
<td>15</td>
</tr>
<tr>
<td>Company practicing without members on active staff</td>
<td>4</td>
</tr>
<tr>
<td>Company name includes a restricted word</td>
<td>1</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>33</strong></td>
</tr>
</tbody>
</table>

#### Enforcement Outcomes

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Files closed by Staff</td>
<td>41</td>
</tr>
<tr>
<td>Injunctions granted</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>44</strong></td>
</tr>
</tbody>
</table>
Communications and Member Services

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 voter participation. In the past decade, voter 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

<table>
<thead>
<tr>
<th>Professionals</th>
<th>Respect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctors</td>
<td>95%</td>
</tr>
<tr>
<td>Engineers</td>
<td>88%</td>
</tr>
<tr>
<td>Teachers</td>
<td>87%</td>
</tr>
<tr>
<td>Architects</td>
<td>84%</td>
</tr>
<tr>
<td>Police Officers</td>
<td>83%</td>
</tr>
<tr>
<td>Accountants</td>
<td>79%</td>
</tr>
<tr>
<td>Geoscientists</td>
<td>77%</td>
</tr>
<tr>
<td>Journalists</td>
<td>54%</td>
</tr>
<tr>
<td>Lawyers</td>
<td>47%</td>
</tr>
<tr>
<td>Politicians</td>
<td>24%</td>
</tr>
<tr>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>

### Survey Results

<table>
<thead>
<tr>
<th>Profession</th>
<th>Don't know</th>
<th>Very little respect</th>
<th>Not much respect</th>
<th>Fair amount of respect</th>
<th>Great deal of respect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lawyers</td>
<td>26</td>
<td>50</td>
<td>8</td>
<td>16</td>
<td>11</td>
</tr>
<tr>
<td>Journalists</td>
<td>7</td>
<td>42</td>
<td>33</td>
<td>11</td>
<td>7</td>
</tr>
<tr>
<td>Geoscientists</td>
<td>13</td>
<td>65</td>
<td>15</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Police Officers</td>
<td>22</td>
<td>62</td>
<td>9</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Teachers</td>
<td>38</td>
<td>45</td>
<td>11</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>Architects</td>
<td>26</td>
<td>50</td>
<td>8</td>
<td>16</td>
<td>11</td>
</tr>
<tr>
<td>Engineers</td>
<td>31</td>
<td>57</td>
<td>9</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>Doctors</td>
<td>46</td>
<td>47</td>
<td>6</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

ANGUS REID STRATEGIES
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.

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 APEGBC.”

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/ 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.

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.

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 PEng
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.
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.

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
Ash Abhyankar PEng
Narayan Abhyankar PEng/PEng
Sean Abram PEng
Paul Adams PEng
Michael Adkins PEng
Robert Affleck PEng
Mohamed Alasaly PEng
Tamer Alev PEng
Michael Allan PEng
Robert Allan PEng
Janice Allen EIT
Hugh Alley PEng
Richard Alpin PEng
Mohammad Aminzadeh PEng
Sarah Anderson EIT
Paul Anderson PEng
Douglas Anderson PEng
John Anderson PEng
Bjorn Andersson PEng
Slobodan Andic PEng
Donald Buckland PEng
Vern Buchholz PEng
Donald Brynildsen PEng
Donald Brundrett PEng
Robin Alev PEng
Mikhail Bakst PEng
Bruce Richard Burns PEng
Pierre Busque PEng
Richard Butler PEng
Gordon Butt PGeo
Gordon Butterfield PEng
Thomas Calvert PEng
Matt Cameron PEng
Robert Campbell PEng
James Canova PEng
Michelangelo Carlino PEng
Shiloh Carlson PEng
Mark Casidy PEng
Romilly Cavanaugh PEng
George Cavery PGeo
Zeljko Cecic PEng
Darryl Chambers PEng
Ken Chan PEng
David Chan PEng
Samson Chan PEng
Bob Charlton PEng
Robert Charlton PEng
Fei Chen PEng
Wei Chen PEng
Jian Guo Chen PEng
Emily Cheung PEng
Joseph Cheung PEng
Bill Cheung PEng
Irene Chien EIT
Laxminarayana
Chikatamarla PEng
Ka-Lai Ching EIT
Stella Chiu PEng
Celestine Chow PEng
George Chow PEng
Kent Christensen PEng
David Chwaklinski PEng
Marius Ciornei PEng
Kenneth Clark PEng
Jennifer Clarke PGeo
Kenneth Clayton PEng
Susan Clift PEng
James Clouston PEng
Anca Cojocaru PEng
Nigel Cole-Morgan PEng
Shane Cook PEng
Stephen Cook PGeo
Jeremy Cooke PEng
Jeffrey Corbett PEng
Stuart Eng
Dean Corkill PEng
Peter Corless PEng
Robert Cowan PEng
Barrie Creelman PEng
Neil Creighton PEng
Craig Crooks EIT
George Csanyi-Fritz PEng
Neil Cumming PEng
Phillip Cunningham PEng
Tomer Curiel EIT
Jason Currie
Bernadette Currie EIT
Mike Currie PEng
Barbara Dabrowski PEng
Robert Dakin PEng
Allan Dabin PEng
Aran Dalal PEng
Jagdish Daswani PEng
Emily Davidson PEng
John Davidson PEng
Michael Davies PEng
Harold Robert Davis PEng
Harold Davis PEng
Matthew Davis PEng
Richard Dawson PEng
Brian De Montbrun PEng
David Dennis PEng
Frank Denton PEng
Bruce Der PEng
Sandra Devcic PEng
Norman Deverney PEng
Boubacar Diallo PEng
Robert Dickin PEng
Dieter Diedericks PEng
Nelson Dion PEng
Thomas Diszhazy EIT
Colin Dix Eng
Emmanuel Domingo PEng
Charles Downie PGeo
Bruce Downing PGeo
David Bruce Dreisinger PEng
Kevin Driedger PEng
Oleh Dubek PEng
David Duckworth PEng
William George Dunford PEng
Linda Eastcott PEng
John Eaton PEng
Brett Eaton PGeo
Kjell Eggen EIT
Peter Egryr PEng
Donald Ehrenholz PEng
Terry Eldridge PEng
Robert Elgie PEng
Leslie Elliott PEng
Mark Emanuel PEng
Clifford Eng PEng
Carole Eng PEng
Orrin Ennis PEng
James Erickson PEng
Pedro Escobar Fayad PEng
Peggy Evans PGeo
Lee Failing PEng
Robin Fairclough PEng
Martin Fandrich PEng
Xiaoqi Fang PEng
Payam Farahbaksh-Aghabai PEng
Peter Feli PEng
Heinz Fenske PEng
Neil Ferguson PEng
Delbert Ferguson PGeo
Ronald Fernandes PEng
Mike Fillipoff PEng
Trevor Fitzell PEng
Dick Fletcher PEng
Robert Flipse PEng
Vilem Foi PEng
Hugh Fraser PEng
Robert Freimanis PEng
Pierre Friele PGeo Eng
Rodney Friesen PEng
Catherine Fritter PEng
Peter Fries PGeo
Thomas Froese PEng
Ed Fujii PEng
Sara Fumagalli PEng
William Gaherty PEng
Livio Gambone PEng
Mike Gannon PEng
Walter Gaskin PEng
Nigel Geach PEng
Robert Gedge PEng
Mihai Geogescu PEng
Bob Gerath PGeo
Martin Gevers PEng
Tim Ghielmetti PEng
Farmand Ghafari PEng
Fadi Ghayeb PEng
StructEng
Allan Gibb PEng
George Giles PEng
Roderick Giles PEng
Gregor Gilks PEng
Patrick Gillan PEng
Bill Gilmartin PEng
Radu Gnasienoi PEng
Victor Goncalves PEng
David Gooding PEng
Lynton Gormley PEng
Greg Gosson PGeo
Dale Goudie PEng
Charles Gould PEng
Shail Mahanti PEng
Mahmoud Mahmoud PEng
Michelle Mahovlich PGeo
Kenneth Major PEng
Adam Majorkiewicz PEng
David Makepeace PEng
William Malcolm PEng
Robert Malczyk PEng
Jamie Malthus EIT
John Manson PEng
Masoud Mansouri PEng
Adam Marck PEng
John Markulin PEng
StructEng
James Marlow PEng
Catherine Marr PEng
Duane Marriner PEng
David Marrriott PEng
Peter Marsh PEng
Rob Marsland PEng
Glenn McDonnell PEng
Magnus McElroy EIT
Pat McGrath PEng
Alan McIntyre PEng
Dennis McJunkin PEng
Douglas McKenzie PEng
John McKenzie PEng
Bill McKevitt PEng
Martha McLean PEng
Bruce McLeod PEng
John McManus PEng
Eric McQuarrie PEng
Stephen McTaggart PEng
Richard McWilliam PEng
David Mehner PEng
Behzad Mehrabadi PEng
Colin Meldrum PEng
George Melo PEng
Surrender Menrai PEng
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Robert Merritt PEng
Jim Montgomery PEng
StructEng
James Moors PGeo
John Morgan PEng
Christopher Morris PEng
Brandon Morrison EIT
Thomas Morrison PEng
Richard Mossakowski PEng
Paul Moy PEng
Dan Mozell PEng
Hans Muhler PEng
Christopher Mulder PEng
Mark Mulligan PEng
Richard Munroe PGeo
Gerald Murenbeeld PEng
Lisa Murray EIT
Peter Mussalem PEng
Eric Nadir PEng
Ernest Naesgaard PEng
Brian Nakai PEng
Claudia Ng PEng
Jimmy Ng PEng
Henry Ng PEng
Kwok Ng PEng
Stephen Ngo PEng
Bruce Nicholson PEng
Robin Norman EIT
William Norquist PEng
Michael Noseworthy PGeo EngL
John Nunn PEng
Neil Nyberg PEng
Jim O’Brien PEng
Gerald O’Hara PEng
William Kaye Oldham PEng
Tim O’Meara PEng
Dorothy Ong PEng
Julie Orban PGeo
Donald Oving PEng
Donald Osman PEng
Kevin Parsonage PEng
Bob Patrick PEng
Robert Patrick PEng
Michael Patterson PEng
Marilyn Pattison
Brett Patrck EIT
Michael Payne PEng/PGeo
Murray Peart PEng
Leslie Peer PEng
Glenn Pellegrin PEng
Henry Pelzer PEng
Francisco Perello-Aracena PEng
Gordon Perry PEng
John Perry PGeo
Marija Persoglia PEng
Mirjana Petrovic PEng
Eric Pettit PEng
Brian Pewsey PEng
Nicholas Pfeiffer PEng
Marvin Pflug PEng
Joe Martignago
Robert Martin PEng
Todd Martin PEng/PGeo
Arash Masbough PEng
Boyd Mason PEng
Gerald Masuda PEng
Betsy Matamoros PEng
Thomas Mathison PEng
Deven Matkowski PEng
Bill Maudsley PEng
Bill May PEng
Kenneth Maycock PEng
Emilia Mazzonina PEng
Robert McCandless PGeo
Terris McColl PEng
Peter McCreath PEng
Neil McDonald PEng
Andrew Metten PEng
StructEng
Robert Metz PEng
Adrian Michielsen PEng
Antonin Mikes PEng
Greg Miller PEng
Thomas Miller PEng
David Miller PEng
Brendan Miller PGeo
Wanda Miller PGeo
Michael Milroy PEng
Jeff Mitchell PEng
Ronald Mitchell PEng
Roy Mitton PEng
Robert Molnar PEng
Terry Molsad PEng
Gordon Monk PEng
Godfrey Nash PEng
Nahal Nasserli
Peter Navratil PEng
Muhammad Nawaz PEng
Mehran Nazeman PEng
Jean Nehera PEng
JamesNeill PEng
Bradley Nelson PEng
Mandy Nelson PEng
Leslie Nemeth PEng
Rhonda Netzel PEng
Ronald Neufeld PEng
Robert Neville PEng
StructEng
Ken Newbert PEng
Christopher Newton PEng
David Newton PEng
Goran Ostojic PEng
Josef Otto PEng
Gregard Ovsataas PEng
Stanley Owen PEng
Nathan Ozog EIT
Christopher Page PEng
Rimas Pakalnis PEng
Steven Panz PEng
John Pao PEng
StructEng
Demetrios Papadoulis PEng
Sandro Papile PEng
Nancy Paris PEng
Todd Parker PEng
Philip Parker PEng
Bob Parolin PEng
Kenneth Parr PEng
Danny Phillips PEng
Leonard Pianalto PEng
Ian Pilkington PEng
Jude Pillainayagam PEng
Kenneth Pinder PEng
Luzia Pires
George Plant PEng
Marian Podlovsky PEng
David Pollock PEng
Stefan Popovici PEng
Gordon Porritt PEng
Mark Porter PEng
Ernest Portfors PEng
Alen Postolka PEng
Ronald Pousette PEng
Meric Preece PEng
Kathy Preston PEng
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 form 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.

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.

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 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:

<table>
<thead>
<tr>
<th>Area</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Assets and Liabilities</td>
</tr>
<tr>
<td>2</td>
<td>Net Assets</td>
</tr>
<tr>
<td>3</td>
<td>Major inflows and outflows of cash during the year</td>
</tr>
<tr>
<td>4</td>
<td>Revenues and Expenses for the year</td>
</tr>
</tbody>
</table>

1 Assets and Liabilities

Summary Balance Sheet
As at June 30 ($000s)

<table>
<thead>
<tr>
<th>Area</th>
<th>2009</th>
<th>2008</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and Short Term Investments</td>
<td>$5,419</td>
<td>$5,586</td>
<td>($167)</td>
</tr>
<tr>
<td>Other Assets</td>
<td>535</td>
<td>535</td>
<td>0</td>
</tr>
<tr>
<td>Property and Equipment</td>
<td>3,738</td>
<td>3,268</td>
<td>470</td>
</tr>
<tr>
<td><strong>Total Assets</strong></td>
<td>9,692</td>
<td>9,389</td>
<td>303</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Liabilities</th>
<th>2009</th>
<th>2008</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounts Payable and Accrued Liabilities</td>
<td>895</td>
<td>1,618</td>
<td>(723)</td>
</tr>
<tr>
<td>Deferred Fees</td>
<td>2,862</td>
<td>2,640</td>
<td>222</td>
</tr>
<tr>
<td>Deferred Revenue</td>
<td>938</td>
<td>457</td>
<td>481</td>
</tr>
<tr>
<td>Mortgage</td>
<td>74</td>
<td>126</td>
<td>52</td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td>4,769</td>
<td>4,841</td>
<td>(72)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Net Assets</th>
<th>2009</th>
<th>2008</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liabilities and Net Assets</td>
<td>$9,692</td>
<td>$9,389</td>
<td>$303</td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Net Assets</th>
<th>2009</th>
<th>2008</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Funds:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>$199</td>
<td>$346</td>
<td>($147)</td>
</tr>
<tr>
<td>Invested in Property and Equipment</td>
<td>3,664</td>
<td>3,142</td>
<td>522</td>
</tr>
<tr>
<td>Appropriated Funds:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Property, Equipment and Systems Replacement Fund</td>
<td>800</td>
<td>800</td>
<td>-</td>
</tr>
<tr>
<td>Legal and Insurance Fund</td>
<td>260</td>
<td>260</td>
<td>-</td>
</tr>
<tr>
<td>Total Net Assets</td>
<td>$4,923</td>
<td>$4,548</td>
<td>$375</td>
</tr>
</tbody>
</table>

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)

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)

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 Annual Report 2008/2009 | Financial Overview

APEGBC Distribution 2008/2009 Revenues of $9.947 Million ($000’s)

- Membership fees 56.1% ($5,579)
- Registration and Examination fees 12.3% ($1,227)
- External Contracts 9.8% ($971)
- Professional Development 9.6% ($954)
- Innovation and Web Advertising 4.7% ($467)
- Annual Conference 2.8% ($278)
- Premises, Investments and Other 2.7% ($269)
- Affinity Program 2% ($202)

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)

- Finance & Corporate 16.8% ($1,606)
- Registration 13.3% ($1,271)
- Professional Practice & Ethics 12.1% ($1,166)
- Professional Development & Annual Conference/AGM 11.2% ($1,159)
- Member Services & Communications 11.7% ($1,123)
- Council/Executive 10.3% ($988)
- External Contracts 9.7% ($925)
- Building operations/Improvements, Amortization & Other 8.2% ($780)
- Information Technology 5.8% ($554)

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:

<table>
<thead>
<tr>
<th>Policy</th>
<th>Outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Annual review of economies, efficiencies and effectiveness of current expenditures and revenue strategies</td>
<td>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.</td>
</tr>
<tr>
<td>2. The Applications and Registration program (the intake process) are financially self-sustaining</td>
<td>For 2008/2009, a margin of $314K was generated before allocation of corporate costs and overhead.</td>
</tr>
<tr>
<td>3. The Continuing Professional Development instructional and service delivery are financially self-sustaining</td>
<td>For 2008/2009, a margin of $105K was generated before allocation of corporate costs and overhead.</td>
</tr>
<tr>
<td>4. Non-core programs are generally financially self-sustaining</td>
<td>For 2008/2009, all non-core programs such as affinity and student programs were self-sustaining recovering all direct costs including salaries and benefits.</td>
</tr>
<tr>
<td>5. The annual member fees fund only core programs</td>
<td>Membership fees account for only 56% of total revenues while core programs account for at least 85% of total expenditures.</td>
</tr>
<tr>
<td>6. Membership growth is actively pursued</td>
<td>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.</td>
</tr>
<tr>
<td>7. The annual member fee is reviewed each year</td>
<td>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.</td>
</tr>
</tbody>
</table>
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.

PricewaterhouseCoopers LLP
Chartered Accountants

September 11, 2009
## Financial Statements

### Balance Sheet
As at June 30, 2009

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

### Commitments (note 6)
# Financial Statements

## Statement of Changes in Net Assets
For the year ended June 30, 2009

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Invested in property and equipment $</td>
<td>3,142,313</td>
<td>3,459,993</td>
</tr>
<tr>
<td>Operating $</td>
<td>345,993</td>
<td>800,000</td>
</tr>
<tr>
<td>Property, equipment and systems replacement fund $</td>
<td>260,000</td>
<td>260,000</td>
</tr>
<tr>
<td>Legal and insurance fund $</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Total $</td>
<td>4,548,306</td>
<td>4,490,551</td>
</tr>
<tr>
<td>Total $</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Net assets - Beginning of year

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excess of revenue over expenses (1)</td>
<td>(237,392)</td>
<td>612,500</td>
</tr>
<tr>
<td>Investment in property and equipment (2)</td>
<td>707,052</td>
<td>(707,052)</td>
</tr>
<tr>
<td>Repayment of mortgage principal (2)</td>
<td>51,969</td>
<td>(51,969)</td>
</tr>
<tr>
<td>Net assets - End of year</td>
<td>3,663,942</td>
<td>199,472</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td><strong>Revenue</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fees</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual membership fees</td>
<td>5,578,476</td>
<td>5,236,482</td>
</tr>
<tr>
<td>Application, registration and certification fees</td>
<td>874,086</td>
<td>719,356</td>
</tr>
<tr>
<td>Professional and academic examinations</td>
<td>352,997</td>
<td>329,780</td>
</tr>
<tr>
<td></td>
<td>6,805,559</td>
<td>6,285,618</td>
</tr>
<tr>
<td>Other revenue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Affinity programs</td>
<td>202,060</td>
<td>134,366</td>
</tr>
<tr>
<td>Annual conference</td>
<td>278,419</td>
<td>231,787</td>
</tr>
<tr>
<td>Grant and project administration</td>
<td>970,998</td>
<td>590,701</td>
</tr>
<tr>
<td>Innovation magazine and other advertising</td>
<td>466,919</td>
<td>497,469</td>
</tr>
<tr>
<td>Investment income</td>
<td>73,585</td>
<td>191,728</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>53,961</td>
<td>93,759</td>
</tr>
<tr>
<td>Premises</td>
<td>141,440</td>
<td>195,873</td>
</tr>
<tr>
<td>Professional development</td>
<td>953,988</td>
<td>923,236</td>
</tr>
<tr>
<td></td>
<td>3,141,370</td>
<td>2,858,919</td>
</tr>
<tr>
<td><strong>Total revenue</strong></td>
<td>9,946,929</td>
<td>9,144,537</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td><strong>Expenses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advertising</td>
<td>26,325</td>
<td>126,063</td>
</tr>
<tr>
<td>Annual conference - facilities and meals</td>
<td>146,544</td>
<td>133,962</td>
</tr>
<tr>
<td>Canadian Councils of Professional Engineers and Geoscientists</td>
<td>220,664</td>
<td>248,122</td>
</tr>
<tr>
<td>Contract and consulting services</td>
<td>1,043,800</td>
<td>1,110,960</td>
</tr>
<tr>
<td>Contract and consulting services on grants</td>
<td>881,754</td>
<td>524,653</td>
</tr>
<tr>
<td>Examinations and examination books</td>
<td>198,651</td>
<td>188,866</td>
</tr>
<tr>
<td>Grants and awards</td>
<td>36,161</td>
<td>78,962</td>
</tr>
<tr>
<td>Innovation magazine printing</td>
<td>115,267</td>
<td>154,158</td>
</tr>
<tr>
<td>Interest on mortgage</td>
<td>5,408</td>
<td>10,082</td>
</tr>
<tr>
<td>Legal</td>
<td>384,448</td>
<td>341,889</td>
</tr>
<tr>
<td>Meetings, seminar room rentals and special events</td>
<td>414,118</td>
<td>406,585</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>59,833</td>
<td>38,220</td>
</tr>
<tr>
<td>Office and general</td>
<td>614,343</td>
<td>519,429</td>
</tr>
<tr>
<td>Premises and operating costs</td>
<td>520,780</td>
<td>305,931</td>
</tr>
<tr>
<td>Printing, publication and distribution costs</td>
<td>427,559</td>
<td>519,582</td>
</tr>
<tr>
<td>Salaries and employee benefits</td>
<td>3,663,039</td>
<td>3,687,266</td>
</tr>
<tr>
<td>Secondary professional liability insurance premiums</td>
<td>145,804</td>
<td>141,228</td>
</tr>
<tr>
<td>Telecommunications</td>
<td>75,065</td>
<td>70,192</td>
</tr>
<tr>
<td>Travel</td>
<td>354,866</td>
<td>280,721</td>
</tr>
<tr>
<td><strong>Total expenses before amortization</strong></td>
<td>9,334,429</td>
<td>8,886,861</td>
</tr>
<tr>
<td><strong>Excess of revenue over expenses before amortization</strong></td>
<td>612,500</td>
<td>257,676</td>
</tr>
<tr>
<td><strong>Amortization</strong></td>
<td>237,392</td>
<td>199,921</td>
</tr>
<tr>
<td><strong>Excess of revenue over expenses for the year</strong></td>
<td>375,108</td>
<td>57,755</td>
</tr>
</tbody>
</table>
### Financial Statements

#### Statement of Cash Flows
**For the year ended June 30, 2009**

<table>
<thead>
<tr>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td><strong>Cash flows from operating activities</strong></td>
<td></td>
</tr>
<tr>
<td>Excess of revenue over expenses for the year</td>
<td>375,108</td>
</tr>
<tr>
<td>Item not affecting cash - amortization of property and equipment</td>
<td>237,392</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>612,500</td>
</tr>
<tr>
<td><strong>(Decrease) increase in working capital accounts (see below)</strong></td>
<td>(20,453)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>592,047</td>
</tr>
<tr>
<td><strong>Cash flows from financing and investing activities</strong></td>
<td></td>
</tr>
<tr>
<td>Investment in property and equipment</td>
<td>(707,052)</td>
</tr>
<tr>
<td>Decrease (increase) in short-term investments</td>
<td>324,114</td>
</tr>
<tr>
<td>Mortgage repayments</td>
<td>(51,969)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>(434,907)</td>
</tr>
<tr>
<td><strong>Increase (decrease) in cash and cash equivalents</strong></td>
<td>157,140</td>
</tr>
<tr>
<td><strong>Cash and cash equivalents - Beginning of year</strong></td>
<td>36,140</td>
</tr>
<tr>
<td><strong>Cash and cash equivalents - End of year</strong></td>
<td>193,280</td>
</tr>
</tbody>
</table>

#### Supplementary information

**Increase (decrease) in working capital accounts**

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounts receivable</td>
<td>28,205</td>
<td>85,595</td>
</tr>
<tr>
<td>Interest receivable</td>
<td>13,181</td>
<td>50,984</td>
</tr>
<tr>
<td>Prepaid expenses</td>
<td>(70,561)</td>
<td>(261,299)</td>
</tr>
<tr>
<td>Inventory</td>
<td>28,488</td>
<td>(31,626)</td>
</tr>
<tr>
<td>Accounts payable and accrued liabilities</td>
<td>(722,470)</td>
<td>505,318</td>
</tr>
<tr>
<td>Deferred fees</td>
<td>221,938</td>
<td>357,618</td>
</tr>
<tr>
<td>Deferred revenue</td>
<td>480,766</td>
<td>217,973</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>(20,453)</td>
<td>924,563</td>
</tr>
<tr>
<td>Interest paid</td>
<td>5,408</td>
<td>10,082</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cost $</td>
<td>Accumulated amortization $</td>
</tr>
<tr>
<td>Land</td>
<td>874,011</td>
<td>-</td>
</tr>
<tr>
<td>Building</td>
<td>3,251,166</td>
<td>1,516,951</td>
</tr>
<tr>
<td>Computer</td>
<td>1,312,107</td>
<td>1,146,654</td>
</tr>
<tr>
<td>Software and development</td>
<td>754,164</td>
<td>31,125</td>
</tr>
<tr>
<td>Furniture and fixtures</td>
<td>667,116</td>
<td>426,233</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6,858,564</strong></td>
<td><strong>3,120,963</strong></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Interest</th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>%</td>
<td>$</td>
</tr>
</tbody>
</table>
| 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 |
| | | **18,899** | **73,659** |

A first charge on the land and building has been provided as security for the loan. Principal payments required are as follows:

<table>
<thead>
<tr>
<th>Year ending June 30</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>54,760</td>
</tr>
<tr>
<td>2011</td>
<td>18,899</td>
</tr>
<tr>
<td></td>
<td><strong>73,659</strong></td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Year ending June 30</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>93,117</td>
</tr>
<tr>
<td>2011</td>
<td>26,938</td>
</tr>
<tr>
<td>2012</td>
<td>12,565</td>
</tr>
<tr>
<td>2013</td>
<td>12,565</td>
</tr>
<tr>
<td>2014</td>
<td>5,235</td>
</tr>
<tr>
<td></td>
<td><strong>150,420</strong></td>
</tr>
</tbody>
</table>

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).
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:

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Benevolent Fund</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total assets</td>
<td>236,624</td>
<td>248,975</td>
</tr>
<tr>
<td>Total liabilities</td>
<td>1,400</td>
<td>2,550</td>
</tr>
<tr>
<td>Net assets</td>
<td>235,224</td>
<td>246,425</td>
</tr>
<tr>
<td>Revenue - contributions and investment income</td>
<td>12,002</td>
<td>26,228</td>
</tr>
<tr>
<td>Expenses and grants</td>
<td>23,203</td>
<td>7,775</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Foundation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total assets</td>
<td>510,160</td>
<td>513,561</td>
</tr>
<tr>
<td>Total liabilities</td>
<td>1,400</td>
<td>2,550</td>
</tr>
<tr>
<td>Net assets</td>
<td>508,760</td>
<td>511,011</td>
</tr>
<tr>
<td>Revenue - contributions and investment income</td>
<td>85,017</td>
<td>81,956</td>
</tr>
<tr>
<td>Expenses and grants</td>
<td>87,268</td>
<td>70,600</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>2010 Budget $</th>
<th>2009 Actual $</th>
<th>2009 Budget $</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Revenue</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FEES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual membership fees</td>
<td>5,833,999</td>
<td>5,578,476</td>
<td>5,664,459</td>
</tr>
<tr>
<td>Application, registration and certification fees</td>
<td>946,265</td>
<td>874,086</td>
<td>801,033</td>
</tr>
<tr>
<td>Professional and academic examinations</td>
<td>354,795</td>
<td>352,997</td>
<td>288,608</td>
</tr>
<tr>
<td><strong>TOTAL FEES</strong></td>
<td>7,135,059</td>
<td>6,805,559</td>
<td>6,754,100</td>
</tr>
<tr>
<td><strong>OTHER REVENUE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Affinity programs</td>
<td>142,900</td>
<td>202,060</td>
<td>190,800</td>
</tr>
<tr>
<td>Annual conference</td>
<td>234,720</td>
<td>278,419</td>
<td>235,000</td>
</tr>
<tr>
<td>Grant and project administration</td>
<td>559,000</td>
<td>970,998</td>
<td>1,200,000</td>
</tr>
<tr>
<td>Innovation magazine and other advertising</td>
<td>430,000</td>
<td>466,919</td>
<td>480,000</td>
</tr>
<tr>
<td>Investment income</td>
<td>70,000</td>
<td>73,585</td>
<td>160,000</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>127,581</td>
<td>53,961</td>
<td>64,465</td>
</tr>
<tr>
<td>Premises</td>
<td>97,627</td>
<td>141,440</td>
<td>147,000</td>
</tr>
<tr>
<td>Professional development</td>
<td>961,975</td>
<td>953,988</td>
<td>950,635</td>
</tr>
<tr>
<td><strong>TOTAL OTHER REVENUE</strong></td>
<td>2,623,803</td>
<td>3,141,370</td>
<td>3,427,900</td>
</tr>
<tr>
<td><strong>TOTAL REVENUE</strong></td>
<td>9,758,862</td>
<td>9,946,929</td>
<td>10,182,000</td>
</tr>
</tbody>
</table>
## Program Statements (Unaudited)
For the year ended June 30

### Expenditures

<table>
<thead>
<tr>
<th>Category</th>
<th>2010 Budget $</th>
<th>2009 Actual $</th>
<th>2009 Budget $</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REGISTRATION</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applications/ Registration</td>
<td>131,300</td>
<td>174,610</td>
<td>121,475</td>
</tr>
<tr>
<td>Competency Assessment Grant Project</td>
<td>144,000</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>EIT/GIT Professional Certification</td>
<td>12,790</td>
<td>1,738</td>
<td>12,790</td>
</tr>
<tr>
<td>Limited License</td>
<td>14,790</td>
<td>5,409</td>
<td>14,790</td>
</tr>
<tr>
<td>Professional and Academic Examinations</td>
<td>195,250</td>
<td>205,920</td>
<td>194,250</td>
</tr>
<tr>
<td>Structural Qualifications</td>
<td>17,550</td>
<td>24,143</td>
<td>28,500</td>
</tr>
<tr>
<td>Non-Program Specific</td>
<td>11,500</td>
<td>11,045</td>
<td>11,500</td>
</tr>
<tr>
<td>Salaries &amp; Benefits</td>
<td>943,970</td>
<td>848,418</td>
<td>885,080</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,471,150</td>
<td>1,271,283</td>
<td>1,268,385</td>
</tr>
</tbody>
</table>

| **PROFESSIONAL STANDARDS & DEVELOPMENT**                 |               |               |               |
| 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       |
| **Total**                                                 | 1,185,551     | 1,444,634     | 1,838,262     |

| **PROFESSIONAL ETHICS**                                   |               |               |               |
| 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       |
| **Total**                                                 | 603,799       | 646,256       | 533,504       |
## Program Statements (Unaudited)

For the year ended June 30

### Communications & Engagement

<table>
<thead>
<tr>
<th></th>
<th>2010 Budget</th>
<th>2009 Actual</th>
<th>2009 Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Communications</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual Report</td>
<td>35,500</td>
<td>20,846</td>
<td>19,000</td>
</tr>
<tr>
<td>Awards</td>
<td>43,750</td>
<td>29,404</td>
<td>43,200</td>
</tr>
<tr>
<td>Elections</td>
<td>11,200</td>
<td>23,916</td>
<td>48,000</td>
</tr>
<tr>
<td>Innovation Magazine</td>
<td>336,050</td>
<td>288,904</td>
<td>348,350</td>
</tr>
<tr>
<td>Stakeholder Engagement</td>
<td>298,226</td>
<td>214,537</td>
<td>295,408</td>
</tr>
<tr>
<td><strong>Member Services</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Affinity programs</td>
<td>3,800</td>
<td>664</td>
<td>3,800</td>
</tr>
<tr>
<td>Annual Conference &amp; AGM</td>
<td>340,934</td>
<td>309,588</td>
<td>339,750</td>
</tr>
<tr>
<td>Professional Development</td>
<td>578,352</td>
<td>518,321</td>
<td>602,509</td>
</tr>
<tr>
<td>Employment Services</td>
<td>50,000</td>
<td>48,830</td>
<td>38,000</td>
</tr>
<tr>
<td>Mentoring</td>
<td>5,750</td>
<td>3,466</td>
<td>5,001</td>
</tr>
<tr>
<td>Non-Program Specific</td>
<td>20,626</td>
<td>9,587</td>
<td>12,628</td>
</tr>
<tr>
<td>Salaries &amp; Benefits</td>
<td>951,863</td>
<td>814,114</td>
<td>902,130</td>
</tr>
</tbody>
</table>

### Council & Executive

<table>
<thead>
<tr>
<th></th>
<th>2010 Budget</th>
<th>2009 Actual</th>
<th>2009 Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canadian Council of Professional Engineers &amp; Geoscientists</td>
<td>420,545</td>
<td>378,168</td>
<td>427,067</td>
</tr>
<tr>
<td>Council/Executive</td>
<td>133,100</td>
<td>159,440</td>
<td>104,100</td>
</tr>
<tr>
<td>Non-Program Specific</td>
<td>4,100</td>
<td>706</td>
<td>4,100</td>
</tr>
<tr>
<td>Salaries &amp; Benefits</td>
<td>516,809</td>
<td>449,358</td>
<td>512,857</td>
</tr>
</tbody>
</table>

### Financial and Corporate

<table>
<thead>
<tr>
<th></th>
<th>2010 Budget</th>
<th>2009 Actual</th>
<th>2009 Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Invoicing</td>
<td>47,000</td>
<td>38,600</td>
<td>48,000</td>
</tr>
<tr>
<td>Building Operations &amp; Renovations</td>
<td>311,600</td>
<td>536,369</td>
<td>259,500</td>
</tr>
<tr>
<td>Information Systems &amp; Development</td>
<td>381,000</td>
<td>361,326</td>
<td>337,000</td>
</tr>
<tr>
<td>Human Resources, Training, &amp; Development</td>
<td>144,000</td>
<td>193,749</td>
<td>131,500</td>
</tr>
<tr>
<td>Non-Program Specific</td>
<td>508,040</td>
<td>606,119</td>
<td>507,260</td>
</tr>
<tr>
<td>Salaries &amp; Benefits</td>
<td>1,029,067</td>
<td>963,602</td>
<td>925,639</td>
</tr>
</tbody>
</table>

### Special Programs

<table>
<thead>
<tr>
<th></th>
<th>2010 Budget</th>
<th>2009 Actual</th>
<th>2009 Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benevolent Fund</td>
<td>150</td>
<td>86</td>
<td>150</td>
</tr>
<tr>
<td>Foundation</td>
<td>1,900</td>
<td>2,556</td>
<td>1,900</td>
</tr>
<tr>
<td>Contingency</td>
<td>100,000</td>
<td>-</td>
<td>50,000</td>
</tr>
<tr>
<td></td>
<td>102,050</td>
<td>2,642</td>
<td>52,050</td>
</tr>
</tbody>
</table>

### Total Expenditures Before Amortization

<table>
<thead>
<tr>
<th></th>
<th>2010 Budget</th>
<th>2009 Actual</th>
<th>2009 Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Expenditures</strong></td>
<td>9,533,862</td>
<td>9,334,429</td>
<td>9,607,000</td>
</tr>
</tbody>
</table>

### Amortization

<table>
<thead>
<tr>
<th></th>
<th>2010 Budget</th>
<th>2009 Actual</th>
<th>2009 Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Expenditures</strong></td>
<td>350,000</td>
<td>237,392</td>
<td>275,000</td>
</tr>
</tbody>
</table>

### Excess of Revenue Over Expenditure for the Year

<table>
<thead>
<tr>
<th></th>
<th>2010 Budget</th>
<th>2009 Actual</th>
<th>2009 Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Excess of Revenue</strong></td>
<td>(125,000)</td>
<td>375,108</td>
<td>300,000</td>
</tr>
</tbody>
</table>
**APEGBC by the Numbers 2008/2009**

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