

SUPPLEMENTARY REPORT

2005 AGM MINUTES • AGM MOTIONS: ACTIONS TAKEN
COMMITTEES • TASK FORCES • BOARDS • DIVISIONS • BRANCHES

YEAR IN
REVIEW

2005-2006

The Association of Professional Engineers and Geoscientists of British Columbia

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2005/2006 COUNCIL

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Bob Ito PEng PhD

Vice President

Tim Smith PGeo

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Dennis McJunkin PEng

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Janet Benjamin PEng
Lindsay Bottomer PGeo
Lee Failing PEng
Steve Graham PEng/PGeo PhD
Jeff Holm PEng
Russ Kinghorn PEng
Philippe Kruchten PEng PhD
Margaret Li PEng PhD
Andy Mill PEng StructEng
George Prince PEng

Government Appointees

Roy Emperingham MPA CHRP
Joan Hansen OD
Marilyn Pattison PhD
Lawrence Woo CA

Back, l to r: Jeff Holm PEng, Lee Failing PEng, Philippe Kruchten PEng PhD, Margaret Li PEng PhD, George Prince PEng, Andy Mill PEng StructEng, Russ Kinghorn PEng.
Front, l to r: Anne Garrett PEng (Executive Director and Registrar), Lindsay Bottomer PGeo, Janet Benjamin PEng, Dennis McJunkin PEng (Past President), Bob Ito PEng PhD (President), Tim Smith PGeo (Vice President), Joan Hansen OD, Steve Graham PEng/PGeo PhD. (Absent: Roy Emperingham MPA CHRP, Marilyn Pattison PhD, Lawrence Woo CA)



Canadian Council of Professional Engineers (CCPE) Directors

Dick Fletcher PEng
Colin Smith PEng (Past President)

Canadian Council of Professional Geoscientists (CCPG) Director

Tim Smith PGeo

2005/2006 Year in Review Printed Report

APEGBC's primary *Year in Review* report containing reports from the President and Executive Director, along with APEGBC's audited financial statements, was published in the September/October 2006 issue of *Innovation* and is available online at www.apeg.bc.ca

APEGBC Senior Staff

Executive Director and Registrar
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Gillian Pichler PEng

Associate Director, Internship and Licensing
Martin MacGregor ASCT

Director, Professional Practice and Ethics
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Associate Director, Finance and Information Technology
Peter So CMA

Associate Director, Member Services
Janet Sinclair

For a complete list of APEGBC staff contact information, see www.apeg.bc.ca/aboutus/contactus.html

APEGBC MANDATE

The provincial government delegates legislative and judicial functions to the Association of Professional Engineers and Geoscientists of BC to set the standards for, and regulate the practices of, professional engineering and professional geoscience in British Columbia. Under the powers conferred by the Engineers and Geoscientists Act, APEGBC carries out those functions to protect the health, safety and welfare of the public as it relates to the practice of the engineering and geoscience professions.

As the governing body and board of directors of APEGBC, Council is accountable to its members and the provincial government, through the Ministry of Advanced Education, to administer the affairs of APEGBC and fulfill the requirements of the Act.

MINUTES OF THE 85TH (2005) ANNUAL GENERAL MEETING

The meeting was held at the Vancouver Airport Conference Centre in Richmond, BC on Saturday, October 15, 2005. After determining a quorum the Chair, President Dennis McJunkin PEng, convened the meeting at 8:40 am.

Message from the Premier

Messages from The Honourable Gordon Campbell, Premier of British Columbia and The Honourable Kevin Falcon, Minister of Transportation were read aloud.

Recognition of Deceased Members

President McJunkin asked for a moment of silence in respect for our departed colleagues as their names were read aloud.

ONGOING BUSINESS

Minutes of 85th Annual General Meeting

President McJunkin noted that the minutes of the 85th Annual General Meeting were published in the *2004/2005 Year in Review* insert in the September/October 2005 issue of *Innovation*, and called for a motion to approve the minutes.

Motion: *It was moved and seconded (John Watson PEng, Herman Hui PEng) that the minutes of the 85th Annual General Meeting held on October 23, 2004 in Whistler, BC be adopted as printed. CARRIED.*

Results of Council Election

President McJunkin announced the results of the 2005/2006 Council election:

- President: Bob Ito PEng PhD
- Vice President: Timothy Smith PGeo
- Councillors elected for a two-year term: Janet Benjamin PEng, Lee Failing PEng, Jeff Holm PEng, Russ Kinghorn PEng, Philippe Kruchten PEng PhD
- Councillors continuing for a one-year term: Dennis McJunkin PEng (as Immediate Past President), Lindsay Bottoner PGeo, Steve Graham PEng/PGeo PhD, Margaret Li PEng PhD, Andy Mill PEng StructEng, George Prince PEng
- Government Appointees: Roy Emperingham CHRP, Joan Hansen OD, Marilyn Pattison PhD, Lawrence Woo CA

Results of Bylaw Ballots

- Bylaw 10(a) to clarify the fees due upon enrolment or licensure **passes** (91.2% in favour)
- Bylaw 10(b) to increase future annual fees for registered members, beginning January 2007, by an amount equivalent to the annual percentage increase in the Consumer Price Index **does not pass** (64.0% in favour)

- Bylaw 11(e) to align the bylaw wording with CCPE and CCPG national guidelines **passes** (93.0% in favour)
- Bylaw 11(h) to give non-resident licensees the same access to the StructEng designation as APEGBC members **passes** (94.3% in favour)

Destruction of Council Election and Bylaw Ballots

Motion: *It was moved and seconded (Herman Hui PEng, John Watson PEng) that the ballots for election to Council and the bylaw ballots be destroyed at the end of three months. CARRIED.*

Audited Financial Statements

President McJunkin noted that the Audited Financial Statements for the 12 months ending June 30, 2005, and reports from the President and Executive Director as to the state of the affairs of the Association, were published in the *Year in Review 2004/2005* insert in the September/October 2005 issue of *Innovation*, and invited questions from the floor. After questions and discussion, the following two motions were passed:

Motion: *It was moved and seconded (Phil Sunderland PEng, Randall Kovacs PEng) that the reports of the President and the Executive Director be received. CARRIED.*

Motion: *It was moved and seconded (Janet Benjamin PEng, Ken Williams PEng) that the Audited Financial Statements for the 12 months ending June 30, 2005, be received. CARRIED.*

Appointment of Auditors

Motion: *It was moved and seconded (Ken Williams PEng, Colin Smith PEng) to ratify Council's appointment of PricewaterhouseCoopers, Chartered Accountants, as the Association's auditors for the fiscal year ending June 30, 2006. CARRIED.*

Reports of Committees, Task Forces, Boards, Divisions and Branches

President McJunkin noted that the reports of the Committees, Task Forces, Boards, Divisions and Branches were printed in the *2004/2005 Year in Review Supplementary Report* (copies were available in the foyer of the meeting and were published on the APEGBC website) and invited questions from the floor. President McJunkin acknowledged the representatives from the Branches, Divisions, Boards, Task Forces and Committees who were present at the meeting and thanked them all for volunteering their time for the good of the professions.

MINUTES OF THE 85TH [2005] ANNUAL GENERAL MEETING

National Update

Colin Smith PEng, President of the Canadian Council of Professional Engineers and Timothy Smith PGeo, Board Member of the Canadian Council of Professional Geoscientists highlighted issues from the national perspective.

Introduction of Guests

Throughout the Ongoing Business proceedings President McJunkin introduced numerous special guests from constituent associations across Canada; colleagues from Washington and Idaho States; and representatives from BC professional associations and universities. He thanked them for taking time out from their busy schedules to be with us this weekend:

- Canadian Council of Professional Engineers: Colin Smith PEng, President
- Canadian Council of Professional Geoscientists: Timothy Smith PGeo, Board Member
- Ordre des Ingénieurs du Québec : Claude Martineau ing, Treasurer & Vice President of Finance
- Ontario Society of Professional Engineers: Annette Bergeron PEng, Past Chair
- Association of Professional Engineers and Geoscientists of Saskatchewan: Jon Gillies PEng, President and Dennis Paddock PEng, Executive Director and Registrar
- Association of Professional Engineers, Geologists and Geophysicists of Alberta: Dave Chalcroft PEng, President-Elect and Al Schuld PEng, Deputy Registrar
- Washington State Board of Professional Engineers & Land Surveyors: Ying Fay Chan PE, Chair; Nancy Duevel PE, Past Chair; and Daniel Parker PE, Board Member
- Washington Society of Professional Engineers: Doug Hendrickson PE, President
- Idaho Board of Professional Engineers and Land Surveyors: Bill Ancell PE, Board Member and David Curtis PE, Executive Director
- Consulting Engineers of BC: Glenn Martin, Executive Director
- Architectural Institute of BC: Patrick Stewart MAIBC, President and Dorothy Barkley, Executive Director
- Association of BC Forest Professionals: Van Scoffield RPF, Executive Director
- Applied Science Technologists & Technicians of BC: Keith Switzer ASCT, President
- Simon Fraser University Student Executive: Eli Gibson and Brandon Ngai
- University of BC Student Executive: Scott Blevings, Sean Huff, Katherine Louman-Gardiner and Byron Tsokas
- University of Victoria: Dr Zuomin Dong PEng, Professor and Chair

Appreciation of 2004/2005 Council

President McJunkin thanked the 2004/2005 Council for volunteering their time and for their contributions to the debates and decisions made on behalf of their fellow members over the past year: Bob Ito PEng PhD, Vice President; Bill Gilmartin PEng, Past President; Councillors Claudio Arato PEng, Janet Benjamin PEng, Lindsay Bottomer PGeo, Frank Denton PEng, Steve Graham PGeo/PEng PhD, Russ Kinghorn PEng, Nicole Kohnert PEng, Margaret Li PEng PhD, Andy Mill PEng StructEng, George Prince PEng, O'Brian Blackall BCLS, Roy Emperingham MPA CHRP, Hiromi Matsui MSc and Marilyn Pattison PhD.

2006 Annual Conference

President McJunkin announced that the 2006 Annual Conference and AGM will be held in Victoria, BC on October 12-14. The 2006 Annual General Meeting is scheduled for 8:30 am on Saturday, October 14, 2006.

NEW BUSINESS


Motions From the Floor

President McJunkin called for motions from the floor:

Motion 1. Whereas Branch activities are vital to bringing members together at the Branch level and achieving one of the goals of the Association, and some Branches have not been able to recruit enough Branch executives to organize various Branch activities, it is moved *that Council give consideration to dedicating some staff time to help organize Branch activities to maximize the participation of the general membership.* Moved by Herman Hui PEng, seconded by Ernie Bollo PEng. **The motion was defeated.**

Motion 2. Given that Limited Licensees in engineering and geoscience have been licensed by the Association of Professional Engineers and Geoscientists of BC to practise engineering or geoscience within a designated scope, and given that Limited Licensees are members in good standing of the Association, it is moved *that Council give consideration to providing Limited Licensees with certificates of their limited licence that they can display proudly in their workplaces.* Moved by David Harvey PEng, seconded by Glenn Pellegrin PEng. **The motion was carried.**

Motion 3. Given that Limited Licensees in engineering and geoscience have been licensed by the Association of Professional Engineers and Geoscientists of BC to practise engineering or geoscience within a designated scope, and given



MINUTES OF THE 85TH [2005] ANNUAL GENERAL MEETING

that Limited Licensees are members in good standing of the Association, it is moved *that Council give consideration to granting Limited Licensees the right to vote for Association Council members on Association issues and bylaws.* Moved by David Harvey PEng, seconded by Lianna Mah PEng. **The motion was carried.**

Motion 4. It is moved *that Council be directed to give consideration to reviewing the present situation whereby engineers-in-training and geoscientists-in-training are having their experience approved by APEGBC without working under the guidance or supervision of a professional engineer or professional geoscientist.* Moved by Calvin Van Buskirk PEng, seconded by Tim Smith PGeo. **The motion was carried.**

Motion 5. Whereas the standard of design and inspection of seismic restraints is in some cases very low, it is moved *that Council give consideration to reviewing the effectiveness of engineers delegating the design and inspection of seismic restraints for mechanical and electrical components to an engineer retained by the contractor.* Moved by Ralph Watts PEng, seconded by Thor Tandy PEng. **The motion was defeated.**

Motion 6. Whereas the penalties are not perceived to be a significant disruption of ongoing business and are therefore ineffective, it is moved *that Council give consideration to producing a guideline for the Discipline Committee to reassess appropriate minimum penalties.* Moved by Ralph Watts PEng, seconded by Thor Tandy PEng. **The motion was defeated.**

Motion 7. Whereas it puts third party inspectors in positions of conflict of interest, it is moved *that Council give consideration to making it clear that it is unethical for engineers to delegate/instruct the contractor to retain the third party inspection agency.* Moved by Ralph Watts PEng, seconded by Thor Tandy PEng. **The motion was defeated.**

Induction of New President

President McJunkin introduced the President-elect of the 2005/2006 Council, Robert (Bob) Ito PEng PhD. Dr Ito read aloud, then signed, the Declaration of Office.

President Ito expressed thanks for the opportunity to serve as President for 2005/2006 and made a few remarks about planning for the future. President Ito then called on the newly elected Councillors to recite the Declaration of Office.

The Chair declared the meeting adjourned at 12:10 pm.

2005 ANNUAL GENERAL MEETING MOTIONS: ACTIONS TAKEN BY COUNCIL

Please refer to the text of the AGM motions included in the preceding Minutes.

Motions 2 and 3. Council referred Motions 2 and 3, regarding Limited Licence certificates and voting rights respectively, to the Limited Licence Task Force (LLTF). The LLTF presented its final report and a number of recommendations to Council for approval at its September 8, 2006 meeting (see report on page 17 of this supplement). Council approved all the LLTF recommendations except Recommendation 14 relating to voting privileges and eligibility to hold office. Council referred this matter to staff to research the broader considerations and implications of extending the privileges of voting and eligibility to hold office to other grades of membership (ie

EITs, GITs, Provisional Members, Non-Resident Licensees and Limited Licensees).

Motion 4. Council referred Motion 4, regarding approval of EIT/GIT experience that has not been directly supervised, to staff. As a result the policy regarding the requirement for one year of Canadian environment experience, as part of the four years of experience required for professional engineer registration, was revised and approved by Council to explicitly require direct supervision by a professional engineer. It is anticipated that a similar policy will be approved for geoscience. It is also expected that a guideline on the issue of direct supervision will be created for members and members-in-training during the 2006/2007 Council year.

2005/2006 COMMITTEES

APEGBC thanks the following individuals for their valued assistance and commitment to Association affairs through their volunteer service on the following Committees, Task Forces, Boards, Divisions and Branches during 2005/2006; their respective reports follow this list:

COUNCIL/EXECUTIVE

APEGBC Foundation Trustees

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

Audit Committee

Janet Benjamin PEng, *Chair and Councillor*
Lindsay Bottomer PGeo, *Councillor*
Roy Emperingham MPA CHRP, *Councillor*
Marilyn Pattison PhD, *Councillor*
Lawrence Woo CA, *Councillor*

Benevolent Fund Trustees

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

Emerging Disciplines Task Force

Bob Ito PEng PhD, *Chair and President*
Margaret Li PEng PhD, *Councillor*
Claudio Arato PEng
Anne Garrett PEng
Nancy Paris PEng

Enforcement Task Force

Lindsay Bottomer PGeo, *Councillor*
Paul Blanchard PEng
Neil Nyberg PEng
Tim Smith PGeo

Geoscience Committee

Jenna Hardy PGeo, *Chair*
Tim Smith PGeo, *Vice President*
Lindsay Bottomer PGeo, *Councillor*
Cat Brown PEng/PGeo
Jennifer Clarke PGeo
Steve Cook PGeo
Bruce Downing PGeo
Jules Lajoie PEng PhD

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James Moors PGeo
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John Perry PGeo
Jim Robertson PGeo
Glen Singleton PGeo PhD
Brent Ward PGeo PhD
Susan Wilkins PGeo

Governance Committee

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Jeff Holm PEng, *Councillor*
Margaret Li PEng PhD, *Councillor*
Anne Garrett PEng

Investigation and Discipline Task Force

Claudio Arato PEng
Herb Hawson PEng
Gilbert Larocque PEng
Mark Roozbahani PEng
Roy Wares PEng
John Watson PEng
Carl Wilson PEng PhD

Limited Licence Task Force

Paul Blanchard PEng, *Chair*
Dennis McJunkin PEng, *Councillor*
Arnold Badke PEng
David Chwacklinski PEng
Donald Delcourt ASCT Limited Licensee (Engineering)
Ron Rittich ASCT Limited Licensee (Engineering)
Paul Tomei ASCT
Keith Trulson ASCT Limited Licensee (Engineering)
Scott Weston PGeo

Nominating Committee

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Branch Appointees

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Ernie Bollo PEng
Vinod Chandra PEng
Chuck Downie PGeo
Natalia Kazakova PEng
Philip Parker PEng
Andrew Watson PEng StructEng
Mike Wrinch PEng
Council Appointees
Arnold Badke PEng
Susan Wilkins PGeo
Ken Williams PEng

Seismic Peer Review Committee

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John Sherstobitoff PEng
John Wallace PEng StructEng

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Glenn Pellegrin PEng
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Doug Sanders PEng LLB

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Patrick Lam PEng StructEng
John Pao PEng StructEng
Bob Sexsmith PEng PhD
Patrick Shek PEng
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Bob Gerath PGeo
John Holland PEng
Randall Kovacs PEng
Bob Martin PEng
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Kevin Turner PEng

ABCFP

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David Duckworth PEng
Scott Groves PEng
Ian Radnidge PEng
Eugene Wat PEng

BRANCHES

Burnaby/New Westminster Branch Executive

Jarrold House EIT, *Chair*
Dorothy Ong EIT, *Vice Chair*
Boubacar Diallo EIT, *Past Chair*
Zeljko Cecic PEng, *Secretary*
Farmand Ghafari PEng, *Treasurer*
Laila Bassim PEng
Natalia Kazakova PEng
Margaret Li PEng PhD, *Council Liaison*

Central Interior Branch Executive

Emily Cheung PEng, *Chair*
Bob Parolin PEng, *Past Chair*
Nini Long EIT, *Secretary*
Jim Sosiak PEng, *Treasurer*
Jason Boyes EIT
Bill Cheung PEng
Colin Dix Limited Licensee
Albert Koehler PEng PhD
Vladimir Pasichnyk PEng
Lesley Richards PEng
Mike Tkachuk PEng

East Kootenay Branch Executive

Chuck Downie PGeo, *Chair*
Martha McLean EIT, *Past Chair*
Mike Bapty PEng, *Secretary*
Steve Weatherall PEng, *Treasurer*
Sean Abram PEng
Russ Kinghorn PEng, *Council Liaison*
Brad Nelson PEng

Fraser Valley Branch Executive

Ron Weismiller PEng, *Chair*
Phil Cunnington PEng, *Vice Chair*
Herb Locke PEng, *Past Chair*
Rob Wridgway PEng, *Secretary*
Allen Heinrichs EIT, *Treasurer*
David Lock PEng
Scott Maynard PEng
Kara Moffatt EIT
Francisco Perello PEng PhD

Northern Branch Executive

Vinod Chandra PEng, *Chair*
George Hayes PEng, *Vice Chair*
Jamie Malthus EIT, *Past Chair*
John Johnston PEng, *Secretary*
Sandra Devcic PEng, *Treasurer*
Barrie Creelman PEng
Emily Davidson PEng
Scott Loptson PEng
Bruce Sheedy PEng
Janine Toneff PEng

Okanagan Branch Executive

Craig Merkl PEng PhD, *Chair*
Larry Hrabchuk PEng, *Vice Chair*
Matt Cameron PEng, *Past Chair*
Murray Peart PEng, *Secretary*
Rick Peleshytyk PEng, *Treasurer*
Linda Bie PEng, *Newsletter/Webpage*
Brett deWynter PEng, *CPD*
Craig Hostland PEng, *Career Awareness*
Gordon Springate PEng EdD
Carl Zanon PEng, *Mentoring*

Peace River Branch Executive

Brendan Miller PGeo, *Chair*
Kevin Wiens PEng, *Vice Chair*
Timothy Stobbs EIT, *Past Chair*
Al Zackodnik PEng, *Secretary*
Mauricio Quintana PEng, *Chetwynd Rep*
Ganesh Viswanathan PEng, *Fort St John Rep*

2005/2006 COMMITTEES

Sea to Sky Branch Executive

Shahab Sokhansanj PEng PhD, *Chair*
Mohammad Afsar PEng, *Vice Chair*
James Blake PEng, *Past Chair*
Mahmoud Mahmoud PEng PhD,
Secretary
Dan Nolan PEng, *Treasurer*
Lindsay Bottomer PGeo, *Council Liaison*
James Branson PEng, *Activities*
Kazem Eskoch PEng, *Training & Outreach*
Mihai Georgescu PEng, *Information & Technology*
John Morgan PEng, *MATHChallengers*
Chris Quaife PEng, *Construction Management Planning*
Stephen Stepic, *Popsicle Bridge Contest*

South Central Branch Executive

Deven Matkowski PEng, *Chair*
Matt Brassard EIT, *Vice Chair*
Kevin Turner PEng, *Past Chair*
Jarret Grant PEng, *Secretary*
Andrew Watson PEng StructEng,
Treasurer
Jeremy Cooke PEng
Normand Fortier PEng
Jeff Holm PEng, *Council Liaison*
Naser Rabbani PEng PhD
Marjorie Serack PGeo
Victor von Maydell PEng

Vancouver Branch Executive

Leonard Pianalto PEng, *Chair*
Michael Wrinch PEng, *Vice Chair*
Jo-Ann Moore PEng, *Past Chair*
Joel Atwater EIT, *Secretary*
Kevin Reiderer EIT, *Treasurer*
Claudio Arato PEng
Boriana Arguirova PEng, *Career Awareness*
Valerie-Claude Desaulniers
Thomas Dishazy EIT, *Newsletter*
Steve Graham PEng/PGeo PhD
Council Liaison
Steve Grant PEng
Angela Ho EIT
Henry Ho PEng, *Events*
Richard Jorge EIT, *Speakers*

Sam Liang EIT, *Volunteers*

Gordon Lindsay PEng, *EIC Liaison*
Ali Sanaie EIT, *Web Page*
Andreea Toma EIT, *Newsletter*
Ulf von Dehn PEng, *Correspondent*
Yuko Watai
Marcia Wilson
Hank Wong EIT, *Tours*

Vancouver Island Branch Executive

Darryl Tunnicliffe PEng, *Chair*
Philip Parker PEng, *Past Chair*
Richard Avedon-Savage EIT, *Secretary/Website*
Dave Flynn PEng, *Treasurer/School Liaison*
Sabre Anderson PEng, *Professional Development/New Members*
Del Ferguson PGeo, *Professional Development/New Members*
Bob Hoffstrom PEng, *Nanaimo*
John Hofman PEng, *Professional Development/New Members*
Chris Holmes PEng, *Courtenay/Comox*
Kevin Lagan PEng, *Courtenay/Comox*
Ron Neufeld PEng, *Campbell River*
Ron Parker PEng, *Duncan/Golf*
Dave Shillabeer PEng, *Parksville/Qualicum*
Patti Wells PEng, *Courtenay/Comox*
Brad West PEng, *Port Alberni*

Victoria Branch Executive

Sharlie Huffman PEng, *Chair*
Cari Wells EIT PhD, *Vice Chair*
Joshua Hayes EIT, *Past Chair*
Sandra Taylor PGeo PhD, *Secretary*
Michael Miller PEng PhD, *Treasurer*
Greg Beaveridge PEng
Dave Bevan PEng, *Science Fair*
Jan Buermans PEng, *MATHChallengers*
Henrik Jacobsen PEng, *Life Members*
Harry Kwok PEng PhD, *Newsletter*
Duane Marriner PEng, *Events*
Magnus McElroy EIT
Tom McLean PEng, *Speakers/Talbot Fund*
Gord Porritt PEng
Carol Roberts PEng, *Certificates*
Randal Slade PEng, *Website*
Craig Sutherland PEng

West Kootenay Branch Executive

Mark Sirges PEng, *Chair*
Paul Meyer PEng, *Vice Chair*
Martha McLean EIT, *Past Chair*
Amy Mangat EIT, *Secretary*
Tim Charman PEng, *Treasurer*
Norm Deverney PEng
Beckett Grey PEng
Russ Kinghorn PEng, *Council Liaison*
Ted Nunn PEng

¹ See Director, Registration report

² See Professional Practice Committee report

³ See Associate Director, Member Services report

FINANCIAL REVIEW

FOR THE YEAR ENDED JUNE 30, 2006

Operating Summary

Fiscal 2005/2006 resulted in a net surplus of \$722,766 compared to a surplus of \$82,368 for fiscal 2004/2005, and a balanced budget for 2005/2006 as approved by Council.

This surplus is due primarily to the benefits of a continued strong BC economy resulting in net membership growth of approximately 5%, or double that of recent years and led by a surge in the number of members-in-training. As well, effective cost management combined with lower legal costs have contributed to the surplus.

Revenue

Total revenue increased by 14.5% or \$927,052 to \$7,325,137. Total fee revenue increased by 10.6% or \$493,849 to \$5,135,993 due primarily to membership growth. Comprising annual membership, ancillary and examination fees, fee revenue accounts for 70% of the Association's total revenue.

Other revenue increased significantly by 24.7% or \$433,203 to \$2,189,144. This increase was led by Professional Development program growth of \$216,719, Grant and Project Administration revenue of \$116,590, Investment Income of \$61,106 due to higher rates and balances, and *Innovation Magazine* and Other Advertising revenue of \$48,947. Note, however, that many of the Other revenue increases have corresponding volume-related expenditure increases.

Expenditures

Total expenditures increased by 4.5% or \$286,654 to \$6,602,371 due in part to higher demand for services and growth in programs such as Professional Development and Government Grant and Project Administration activity. This resulted in higher expenditures for the related contract and consulting services, examination costs, and meeting and special events costs.

However, fiscally prudent management of expenditures has resulted in cost reductions in areas such as travel, and administrative costs such as insurance costs due to implementation of a national insurance program. In addition, legal

costs of \$201,153 were \$176,737 lower than the prior year due to a decrease in the number of discipline cases as well as their complexity and duration, combined with careful cost management and inhouse legal expertise. There can still be a large variability in legal costs from year to year.

Financial Position

The financial position of the Association has improved significantly due to the surplus of \$722,766. The balance sheet shows total assets of \$7,617,019, which increased by \$1,011,192 over the prior year.

Assets

Cash and short-term investments increased by \$1,073,887 to \$4,137,337 due primarily to the current year's surplus.

Liabilities and Net Assets

Deferred fees increased by \$158,573 to \$2,220,505 due to membership growth.

While the mortgage liability was reduced by \$158,275, accounts payable and accrued liabilities increased by \$254,999 due to higher year-end accruals and the timing of payments at year end.

Total net assets increased by \$722,766 to \$4,203,429 and comprise:

1. **Unrestricted Net Assets** – increased by \$350,703 to \$617,316. These are funds that are generally available for program delivery and administrative activities. Our minimum target balance is \$800,000, representing 1.5 months of operating expenditures. APEGBC also has a \$500,000 line of credit.
2. **Net Assets Invested in Property and Equipment** – increased by \$31,535 to \$2,726,113. These are funds invested in the Association's building and other property and equipment excluding the outstanding mortgage liability.
3. **Funds Appropriated for Property and Equipment Replacement** – increased by \$300,528 to \$600,000 to address major building maintenance and information systems needs over the next few years. An assessment of the building indicates that, over the next several years, further appropriations will be needed for ongoing maintenance and upgrading.
4. **Appropriated for Legal and Insurance Reserve** – increased by \$40,000 to \$260,000 to cover two consecutive years of extraordinary legal and/or insurance costs.



Fred Wylie CGA CMA CHRP,
Director, Internal Affairs

Revenue and Expenditures Summary

	Actual 06	Actual 05	\$Change	%Change
Revenue				
Fees	\$5,135,993	\$4,642,144	\$493,849	10.6%
Other revenue	2,189,144	1,755,941	433,203	24.7%
Total	7,325,137	6,398,085	927,052	14.5%
Expenditures	6,602,371	6,315,717	286,654	4.5%
Surplus	\$ 722,766	\$ 82,368	\$640,398	777.5%

COUNCIL/EXECUTIVE

APEGBC FOUNDATION TRUSTEES

The Foundation continues to promote education in engineering and geoscience through the granting of bursaries and scholarships. It encourages the involvement of external donors and partners, including Branches, in establishing and funding other bursaries and scholarships.

This year donations from Association members raised during the annual campaign totalled just over \$41,000, an increase from last year. Additionally, our relationship continues with BC Hydro, which has confirmed its commitment to fund another \$10,000 for APEGBC/BC Hydro third-year scholarships that will be awarded in the fall.

The Foundation granted seven undergraduate, six university entrance, four university college entrance and seven MAPS scholarships to aspiring engineers and geoscientists, as well as 10 APEGBC/BC Hydro scholarships to third-year students. Our grant disbursements this year totalled \$29,950.

We are pleased with the generosity of contributing members; however, our capital fund of approximately \$170,000 must grow in order to support the ambitious scholarship programs we have initiated and hope to maintain and even expand in the future.

The Foundation is developing a program, which includes a mailing to all Life Members, to promote charitable contributions through estate planning. Leaving a portion of your estate to the Foundation will give others the opportunity to enter our exciting and rewarding professions. To discuss directing part of your estate to the Foundation please contact me or Janet Sinclair, Associate Director, Member Services.

Special thanks to the Trustees for their wisdom and dedication to ensuring the continued success of the Foundation, and to staff for their support and contributions.

Finally, I would like to particularly recognize all contributing APEGBC members whose generosity has made this program possible.



Ken Williams PEng,
Chair

AUDIT COMMITTEE

The Audit Committee was established in October 2002 to ensure that APEGBC continues to meet current corporate governance and independence standards. It comprises Councillors who do not participate in APEGBC governance as members of the Executive Committee. At least two members must be Council appointees.

The Committee assists Council in overseeing the Association's financial and non-financial affairs, and in properly disclosing the related information. Specifically, the Committee assists Council in fulfilling its responsibility to oversee management's conduct of the Association's financial reporting procedures, including the development and maintenance of systems of internal accounting and financial controls. Further, in consultation with the external auditors, PricewaterhouseCoopers (PWC), the Committee ensures that the financial statements and notes thereto make complete and clear disclosures of the Association's financial condition.

The Committee is also responsible for reviewing and advising Council on the independence, performance and appointment of the external auditors; the scope of external audits; the annual financial statements and notes thereto; management's financial reviews; and reports of the auditors regarding accounting principles and practices. In particular, the Committee is responsible for reviewing, and advising Council on, any observations and recommendations of the auditors.

In fulfilling its obligations the Committee has carried out a thorough review, with PWC and Association staff, of the financial statements and related information regarding APEGBC's fiscal 2006 period ending June 30, 2006.

In this year's review of APEGBC's net assets the Committee discussed and recommended appropriations, supported by PWC, from the *Unrestricted Reserve* to the *Property and Equipment Replacement Reserve* and *Legal and Insurance Reserve*. The June 30, 2006 *Net Assets* balances are a significant improvement in APEGBC's financial and risk management positions.

The Audit Committee reported the results of the external audit, and the Committee's review of it, to Council. It recommended approval of the audited financial statements and also that Council recommend to the Annual General Meeting that PricewaterhouseCoopers be appointed as external auditors for the 2007 fiscal year ending June 30, 2007.

The Committee continues to enjoy the independence required to be able to contribute to the effective governance of the Association, and to facilitate implementation of the latest developments in governance assurance standards.



Janet Benjamin PEng,
Chair

COUNCIL/EXECUTIVE

BENEVOLENT FUND TRUSTEES

The Benevolent Fund has had a more active year since last year's report. The Trustees had seven applications for assistance and dispensed a total of \$21,100 in funds to six applicants, two of whom were followup grant recipients as they had applied before.

The Fund Trustees continue to look for ways to assist applicants to better promote their experience and qualifications to prospective employers. Current initiatives include stress counselling and training in effective resume preparation.

The Fund's capital is healthy. Members who provide donations to support the Fund receive tax receipts for donations over \$10.

Many 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.

Members who feel they need assistance are reminded that they can discuss their particular situation in confidence by contacting Janet Sinclair, Associate Director, Member Services or Melinda Lau at the APEGBC office.

As Chair, I would like to thank the Trustees for their ongoing commitment and our support staff for their assistance.



Bob Martin PEng,
Chair

EMERGING DISCIPLINES TASK FORCE

Rapid changes in science, technology and workplace environments, and rapid acceptance of new technologies by the public, have led to the emergence of new engineering/geoscience disciplines.

Under the traditional notion of disciplines, the body of knowledge and academic credentials are established first, followed by structured practice development. In contrast, in emerging areas the development of a practice may occur prior to a precise definition of a body of knowledge to create a discipline, along with the academic programs to impart this body of knowledge to practitioners.

Since the Association is empowered to license engineering and geoscience professionals and to regulate their practice, it clearly is in the best interests of APEGBC and the public to recognize and register such professionals early; otherwise, potential members are disenfranchised and the public interest is put at risk. For example, many people suggest that software engineers could have been registered in the mid 1980s, whereas associations like APEGBC did not recognize and register software engineers until the late 1990s.

There are four distinct phases to the recognition of a new discipline: discovery and identification, definition, evaluation and legislation. The Canadian Council of Professional Engineers

has done some early work such as monitoring possible indicators of emerging disciplines. Associations such as APEGBC clearly have a stronger role to play as some early indicators may be regionally based. Additionally, actual credentialing and practice regulation are within the scope of the associations.

A Council Task Force has been actively working on this project and prepared a report that discusses factors such as professional context, implications for the professions, duties of the Association, models for emerging disciplines, processes and recommendations.

Recommendations were made for partitioning the work between CCPE and the provincial associations as well as for initiating further work on quantitative identification, definition, evaluation and processes. The outcome of this report is to clarify the issues and to set the stage for continued work in this area to ensure that potential members are recognized and are able to register, and the public interest is protected.



Bob Ito PEng PhD,
Chair

COUNCIL/EXECUTIVE

ENFORCEMENT TASK FORCE

APEGBC has the power to take enforcement action against individuals who practise engineering or geoscience, or use restricted titles, without being registered as members. Because this issue has been a subject of concern for many members as well as the Association, Council established a Task Force to review the Association's enforcement processes.

The purpose of the Task Force was to ensure that APEGBC's enforcement processes are as fair, open, transparent, efficient, expedient and cost effective as possible. Comparisons were made with processes followed by engineering and geoscience regulators in Canada and the United States, as well as other professional regulators in BC, as benchmarks against which to measure our systems.

The Task Force gathered and reviewed information with the support of Association staff and reported its findings and recommendations to Council in May 2006. Council approved the Task Force's recommendations and staff are now working on implementation. The Task Force report is available at www.apeg.bc.ca/enforcement/taskforcereports/enforcement-taskforce-report.pdf.



Geoff Thiele LLB,
*Associate Director,
Regulatory Compliance*

GEOSCIENCE COMMITTEE

The Geoscience Committee strives to be a proactive and effective voice for geoscientists within the Association. Within the broader professional community, we focus on encouraging change and effecting positive outcomes within and outside the Association in areas where we may have influence. The Committee continued to enjoy strong support over the past year from President Bob Ito PEng and senior staff, who helped identify broad-based solutions aligned to support the common interests of geoscientists and engineers.

At the national level, APEGBC will benefit greatly from the move to Vancouver of the national office of the Canadian Council of Professional Geoscientists (CCPG) and the expertise of CEO Ollie Bonham PGeo. Ollie's experience in, and knowledge of, management issues in other constituent associations has been extremely useful in working towards a revised business and strategic plan for CCPG. This will be critical as the constituent associations move towards agreement on a common knowledge base for the geoscience profession, a prerequisite for achieving broad-based mobility across Canada.

Procedures under the Inter-Association Mobility Agreement (IAMA) have been further streamlined so that the same criteria presently applied to engineers are applied to geoscientists. Applicants in good standing in their home association, and who meet all requirements, are now automatically registered with APEGBC and expected processing time is less than a week, as with engineers. The change is retroactive to previous applicants and the Geoscience Committee will review the policy one year after its adoption. By setting the bar, BC is proactively encouraging other associations to adopt similar criteria for IAMA implementation.

During the year the Committee improved links with BC institutions offering geoscience degrees, with the objectives of keeping the BC syllabus current and promoting better recognition of the value of professional registration. The BC syllabus was modified to more closely align with the national syllabus.

To better define the minimum academic requirements for professional competency for applicants with significant professional experience, the Committee successfully piloted a change from 10 to seven years' required experience for applicants considered under the Looking to Exempt (LTE) provision for registration. Under LTE, applicants with geoscience degrees who have accumulated progressively responsible professional experience equivalent to formal academic courses may be exempted from requirements outlined in the syllabus.

The Committee has been actively recruiting to replace its members retiring in 2006. We particularly seek new members practising in the very active areas of mining and mineral exploration.

This is my final report as Committee Chair. I would like to thank the Geoscience Committee members as well as various "friends" of the Committee who have helped to clarify and solidify our direction in recent years.



Jenna Hardy PGeo,
Chair

COUNCIL/EXECUTIVE

GOVERNANCE COMMITTEE

APEGBC's basic governance model is laid down in the *Engineers and Geoscientists Act* and the Bylaws of the Association.

The hard work of prior Governance Task Forces resulted in the September 2005 approval of a set of governance policies by Council and the establishment of a Governance Committee to monitor and update these policies as well as other more detailed Council policies. This new Committee is chaired by the immediate Past President and consists of three additional Council members and the Executive Director.

A draft Committee Structure Policy has been presented to Council and will soon be available for review by individual committee chairs. Also, in the interest of more effectively using its volunteers, the former Professional Practice Committee has been restructured to a more proactive role. Committees that previously reported to Professional Practice now report directly to Council on a trial basis.

Additional work this year has centred around collecting and updating prior Council policy motions and adapting them to the new governance policies. Council has approved the first group, the second group was finalized by the Committee in July, and another group is expected to be delivered to Council this fall. Following expected completion of this work by the end of 2006, these Council policies will be published on our website.

This work is an important part of ensuring an effective Association that is accountable to our members and the public. I would like to thank the hard working members of this Committee.



Dennis McJunkin
PEng, *Chair*

INVESTIGATION AND DISCIPLINE TASK FORCE

Council established a task force to review the Association's investigation and discipline process. The process starts with a complaint and can end in a disciplinary inquiry.

The purpose of the Task Force was to ensure that the Association's investigation and discipline processes are as fair, open, transparent, efficient, expedient and cost effective as possible for both the member being investigated and the person making the complaint. Comparisons were made with processes followed by engineering and geoscience regulators in Canada and the United States, as well as other professional regulators in BC, as benchmarks against which to measure our system.

The Task Force gathered and reviewed information on every

aspect of the process, with the support of Association staff, and reported its findings and recommendations to the Investigation and Discipline Committees for comment. It provided a final report to Council in May 2006.

Council approved the Task Force's recommendations and staff are now working on implementation. The Task Force report is available at www.apeg.bc.ca/enforcement/taskforcereports/investigation-taskforce-report.pdf.



Geoff Thiele LLB,
*Associate Director,
Regulatory Compliance*

COUNCIL/EXECUTIVE

LIMITED LICENCE TASK FORCE

The first Limited Licence Task Force was established by Council in 1993, followed by a second task force in 2001 that examined how the program was functioning. The third and current Limited Licence Task Force was given a broad mandate by Council that suggested further exploration as to how the Limited Licence might evolve to the next level.

During its deliberations the Task Force drew upon the broad cross-sectional and very diverse knowledge of individual members, resource information from other provinces offering Limited Licences, and the results of a comprehensive and successful online survey sent to key stakeholders (both individuals and groups).

The Task Force made 17 recommendations that dealt largely with refining and enhancing the application process; the definition of responsibilities of Limited Licensees; the model and method for modifying a scope of practice; and the issues of title, certificate and seal. Some of these recommendations can be implemented immediately.

Other recommendations outside the Task Force's mandate were recommended as topics for future study; some would require a change to the Act or Bylaws. No changes were found necessary to the policies concerning eligibility for the Licence.

Council adopted 16 of the recommendations and deferred one for future study. These recommendations are designed to advance the role of Licensees in the service of the public interest, the engineering team and the work of the Association.

Other suggestions have been made to ensure that the process of obtaining and maintaining a Limited Licence, as well as the attractiveness of the role of a Licensee, is encouraging to those who should be licensed.



Martin MacGregor
ASCT, *Associate
Director, Internship
and Licensing*

NOMINATING COMMITTEE

In accordance with Bylaw 3, APEGBC's Nominating Committee is chaired by the immediate Past President, and consists of eight members appointed by the Branches and three members appointed by Council.

This year the Committee met by teleconference for the first time. The process proved cost effective and a significant time saver for all participants. However, it was noted that a face-to-face meeting would be beneficial for the first meeting since all participants had not previously met. The Committee tried a form of "secret ballot" email and an improvement should be considered for next year.

The Committee made recommendations about how to improve the nominating process. It suggested that Council should appoint Committee members in September instead of March to enable a first face-to-face meeting at the AGM and an early start to the process. The early start is needed for the

search part rather than the selection part of the process.

It was also recommended that the information package provided to Committee members at the AGM include the prior year's report; a list of past Councillors who have previously served the required terms and are eligible for nomination to Vice President; a list of prior Vice President candidates who have run unsuccessfully; a dated list of the Committee's predicted potential nominees for Council and Vice President based on their recent search results; the candidate selection criteria; and the Candidate Profile and Declaration.



Dennis McJunkin
PEng, *Chair*

SEISMIC PEER REVIEW COMMITTEE

The Seismic Peer Review Committee (SPRC) was formed in 2006 to complete the work of the Seismic Risk Assessment Steering Committee (SRASC) that was formed in January 2004 to provide guidance on the development of a performance-based methodology for seismic risk assessments and comparative rankings of a stock of buildings. This work has now been completed.

The program with the Ministry of Education (MoE) and Western Economic Development Canada (WEDC) has now moved to the development of seismic retrofit design concepts for buildings using a performance-based methodology that reflects good engineering practice. The SPRC was formed to advise APEGBC Council on this work.

This performance-based approach is being applied for the development of life safe, cost effective seismic retrofit design concepts by professional engineers with extensive experience in the engineering of buildings in BC for seismic loads. These concepts are being developed to complement engineering judgment applied by experienced practitioners.

APEGBC presented seminars to over 100 practitioners on the development of this performance-based approach in June 2004 and July 2005. Another seminar is scheduled for November 2006. The MoE considers this work to be an integral component of their \$1.5 billion plan to make BC's schools earthquake safe.

An amendment to the existing contract for the work APEGBC is conducting for MoE was signed in March 2006 for \$201,000. Additionally, a contract was signed with WEDC for \$99,000 in March 2006 to further the work on this project.

Through a UBC Grant-in Aid Program, the actual work is carried out under the direction of Dr Carlos Ventura PEng, UBC Professor of Civil Engineering and Director, Earthquake Engineering Research Facility and his team.

The SPRC provides feedback on the development of the performance-based methodology by Dr Ventura's team, and includes independent peer review by international experts in the field located in the United States.

Based on a recommendation of the SPRC in June 2006, APEGBC Council endorsed the performance-based methodology used by UBC in the development of the MoE's *Guidelines for the Performance-Based Retrofit of British Columbia School Buildings* as good engineering practice.



Andy Mill PEng
StructEng, Chair

REGISTRATION

DIRECTOR'S REPORT

APEGBC CONTINUED TO EXPERIENCE sustained annual growth of 20% in applications for registration and licensure in 2005/2006. This reflected a strong economy combined with the demand for engineers and geoscientists to support the 2010 Olympics construction, transportation and infrastructure projects.

This growth — combined with new and ongoing review of the registration and licensing processes; the institution of a new expedited Limited Licence in Engineering for professional geoscientists; increased outreach to internationally trained engineers, members-in-training and employers; improved information systems (including online self-assessment for prospective applicants); and active involvement in several national initiatives of the Canadian Councils of Professional Engineers and Professional Geoscientists — made for an interesting and challenging year for volunteers and staff.

In the fall of 2005 Council struck a Task Force to review all aspects of the Limited Licence to improve its utility and strengthen the professional integration of Limited Licence

holders. At the time of writing, Council had approved all but one of the 17 recommendations, most of which are in implementation.

A core review of all registration policies resulted in several recommendations for policy change that will be reviewed by Council and implemented, as appropriate, during the 2006/2007 Council year. Policies were compared to best practices in other Canadian jurisdictions and by other regulatory bodies. They were tested against principles of administrative law and natural justice with reference to the current body of work on best practices for regulatory bodies.

APEGBC also continued to actively participate in national, community and government initiatives aimed at improving the integration of internationally trained engineers into the profession while maintaining high standards of entry.

At the national level, volunteers and staff contributed to the development of an international institution and degree database, a combined membership and applicant database for the professions in Canada, mutual recognition agreements, harmonization of geoscience syllabi, and seamless mobility of professional engineers and geoscientists between provinces and territories.

To support this work hundreds of volunteer members of the Registration Committee, Registration Task Force, Limited Licence Task Force, Board of Examiners, Applications (experience review) Committees, interviewers and online EIT/GIT reviewers, Geoscience Committee and Structural Qualifications Board (see separate reports) devoted extra time as members on the Canadian Engineering Accreditation Board, Canadian Engineering Qualifications Board, CCPE International Committee and Canadian Geoscience Standards Board, and as accreditation visitors for engineering programs in BC.

This work of our volunteers was supported by a hard-working and dedicated staff, many of whom could be found on the job "24/7." This expression of dedication to APEGBC, the professions and self-governance is vital and is truly appreciated.



Gillian Pichler PEng,
Director, Registration

MEMBERSHIP STATISTICS 2005/2006

Category	June 30/05	June 30/06	Growth/ Decline
Professional Engineers	16,709	17,137	2.6%
Professional Geoscientists	1,108	1,156	4.3%
Dual Registration	68	71	4.4%
Provisional Members (Eng)	11	21	90.9%
Engineers-in-Training	2,066	2,370	14.7%
Geoscientists-in-Training	122	124	1.6%
Non-Resident Licences (PEng)	124	150	21.0%
Non-Resident Licences (PGeo)	11	18	63.6%
Limited Licences (PEng)*	38	41	7.9%
Limited Licences (PGeo)	2	1	-50.0%
TOTAL	20,259	21,089	4.1%

*Does not include Professional Geoscientists who also hold a Limited Licence in Engineering

REGISTRATION

STRUCTURAL QUALIFICATIONS BOARD

This past year the Structural Qualifications Board focused primarily on addressing issues relating to the January 1, 2007 implementation of the Designated Structural Engineer (StructEng) program.

This included a review of the results of the 2005 Codes and Practices Examination, and the use of comments from this and previous examinations in the preparation of the 2006 examination, which will be the last sitting prior to the program's implementation. The Board also organized the IStructE pre-examination seminar.

Throughout the year, the Board responded to numerous questions from across Canada relating to the Designated Structural Engineer program. The Board worked to anticipate, and develop processes for, issues that will arise after

implementation such as maintenance of designation when the holder intends to work part-time (eg, partial retirement).

We also held meetings with municipal authorities in preparation for the program's implementation. Later this year the Board will prepare examples of situations where the designation would not be required.

As of June 2006 there were 45 StructEng holders throughout the province as well as a record number of engineers intending to write the Codes and Practices Examination in November.



Leon Bell PEng, Chair

PROFESSIONAL PRACTICE AND ETHICS

DIRECTOR'S REPORT

Review of Core Regulatory Processes

Over the past year Task Forces have reviewed the processes involved in the Practice Review program as well as the Investigation, Discipline and Enforcement processes. These reviews culminated in a number of recommendations for changes and improvements in these areas that Council subsequently approved.

Liability Coalition of Professional Associations

A coalition of other BC professional associations was established to discuss common issues regarding civil liability legislation and impacts on both availability and affordability of professional liability insurance.

The intent of this group is to press the provincial government to change/improve civil liability legislation, such as the *Limitations Act*, and the joint and several court system to keep up with similar changes in other jurisdictions; and to foster an environment where professionals are not forced to take on unreasonable risk and where professional liability insurance is available and affordable. The group held several meetings and made some approaches to the Attorney General over the past year; this will continue until the objectives are achieved.

Professional Reliance

A position paper and statement has been developed to articulate APEGBC's position on government's recent trend of withdrawing from its previous active role in regulation, placing this responsibility on professionals. These documents were approved at the September Council meeting and copies can be obtained from the APEGBC office or the website once posted.

Practice Review

During the past year 135 practice reviews were undertaken and 123 files were adjudicated by the Practice Review Committee. Of these, six files were directed to the Investigation Committee and one file resulted in a voluntary Letter of Undertaking agreement. Further information and statistics can be found in the Practice Review Committee report by the Chair.

Other Ongoing Initiatives

Authentication of Engineering Documents

A subcommittee of the CCPE Practice Committee has begun work on a national practice guideline on the authentication of engineering documents, with the main focus on developing standards for the use of a secure digital signature encryption linked with an electronic seal that can be used in the trans-

mission of electronic documents. This guideline would focus on the integrity of both electronic documents and traditional hard copy documents so that the resulting policies would apply to both formats. With APEGBC's active participation, it is anticipated that a process for the secure transmission of electronic documents will be available for members in BC in the not-too-distant future.

Sewerage System Regulation

The new BC Sewerage System Regulation (SSR) has removed government from the approval process and has made "registered practitioners" and professionals responsible for meeting the required standards. The SSR permits non-engineers to undertake site evaluation, planning, installation and maintenance for Type 1 and Type 2 systems after successfully completing prescribed courses and becoming "registered practitioners." Also, under the SSR, professional engineers are required to undertake Type 3 systems, and may also undertake Type 1 and 2 systems, as "professionals."

To assist the public, the Health Authorities and our members, APEGBC has created a list of professional engineers engaged in this area of engineering. The list is posted on the APEGBC website with links to websites of the Ministry of Health, the five provincial Health Authorities, BCOSSA and ASTTBC. APEGBC is also active on the Ministry of Health's Sewerage System Leadership Council together with representatives from the Directors of the Regional Health Authorities, BCOSSA, ASTTBC, CIPHI and UBCM, who meet to resolve a variety of issues.

Building Envelope Practice Manual

The Building Envelope Committee is developing a practice manual for the provision of building envelope engineering services which, when completed, will set standards for the quality of practice required in this important area and will assist building owners in the repair of water-damaged buildings.

Fire Protection Engineering Guideline

A fire protection engineering guideline is nearing completion that will assist the public and authorities having jurisdiction concerning practice expectations and requirements in this area.



**Ross Rettie PEng, Director,
Professional Practice and
Ethics**

PROFESSIONAL PRACTICE AND ETHICS

PROFESSIONAL PRACTICE COMMITTEE

The Professional Practice Committee began the year as a line committee of Council, providing oversight for the committees and task forces that address the ongoing practice of our professions in BC. In this capacity we addressed several items.

We reviewed the *Guidelines for Professional Excellence* Bulletin K with legal counsel and sent it to Council for approval. This Bulletin clarifies the roles and responsibilities of professional engineers under the Letters of Assurance (LoA) in accordance with the *Engineers and Geoscientists Act*. The LoA were developed after discussions between the City of Vancouver, the Province of BC, the Architectural Institute of BC, APEGBC and the Building Officials Association of BC.

We developed the Policy for Externally Funded Work and Associated Agreements. The Policy provides a framework for APEGBC to assess and undertake work funded by other groups in a manner that is consistent with APEGBC's mandate, supports the advancement of the professions, is not in competition with members, and is clear on the full costs and benefits to the Association and its members.

Other items were initiation of the development of *Guidelines for Legislated Landslide Assessments for Proposed Residential Developments in BC* and reviewing updated Envi-

ronment Committee terms of reference for Council approval.

In March, Council approved new terms of reference for the Professional Practice Committee:

- To assist Council in developing policy related to matters concerning the practice of professional engineering and professional geoscience; and
- To act on matters as directed by Council from time to time.



**Russ Kinghorn PEng,
Chair**

The Committee will no longer review minutes from the Consulting Practice, Building Codes, Environment, Investigation and Practice Review Committees. Instead, these committees will now report directly to Council for any requested actions.

The new Professional Practice Committee has developed terms of reference for a Standards of Practice Improvement Task Force, which will look at systems for APEGBC to proactively deal with substandard practice before it negatively affects the public.

APEGBC/ABCFP JOINT PRACTICE BOARD

Robert Patrick PEng, Chair

In late 2005 the APEGBC/ABCFP Joint Practice Board (JPB) finalized edits to the Memorandum of Understanding between APEGBC and ABCFP as well as the JPB's terms of reference. Both documents were accepted by the respective Councils.

Early 2006 was spent determining how subcommittees of the JPB would be compiled, how they would communicate and how they would function. Using the results of this work as a guide, two subcommittees (task forces) were established.

The Terrain Stability Assessment Guideline Task Force is working towards developing a guideline to provide direction to forest professionals regarding when, and by whom, a terrain stability assessment (TSA) should be undertaken.

The need for this guideline arose with the legislative change from the *Forest Practices Code* (FPC) to the *Forest and Range Practices Act* (FRPA). The FPC required TSAs to be undertaken in specific situations by Qualified Registered Professionals whereas, under the FRPA, the signing forest professionals who manage the forest land base decide what assessments are required. The guideline is intended as a companion document

to APEGBC's *Guidelines for Terrain Stability Assessments in the Forest Sector*. This task force will also look at how the TSA work undertaken by members of ABCFP can be incorporated into the existing APEGBC guideline.

The JPB also established the Forest Road Task Force. Several developments in BC may impact how forest roads are designed, constructed, operated, maintained and decommissioned. These developments include the professional reliance aspects of the FRPA, the possible development of a *Resource Roads Act* to bring consistency to planning and standards for roads developed and used by the many resource industries, and TruckSafe/WorkSafe BC efforts to make the construction and use of forest roads safer.

The Forest Road Task Force was established to collect information regarding these and other initiatives that may have an impact on APEGBC and ABCFP members. Once we have a better understanding of the future direction of forest road design/construction, the JPB will assess the need to develop guideline documents.

PROFESSIONAL PRACTICE AND ETHICS

BUILDING CODES COMMITTEE

The Building Codes Committee is a forum to address Code (Building, Fire and other construction codes) issues relevant to the Association, which means we look at a wide range of issues in the construction industry.

This year we expect to complete the fire protection engineering guideline, which will help those in the fire protection community and those who may use fire protection engineering services.

We also have worked on achieving acceptance by the relevant parties of a new Schedule S as a tool for specialty engineers to provide assurances to the professionals of record on specialty items.

The Committee has considered a number of specific technical issues. One is the requirement to maintain smoke control in highrise buildings where the elevator shafts are open to the elevator rooms in the basement level, which conflicts with the requirements to provide ventilation of the elevator room. A

technical bulletin on this matter was published in the May/June 2006 issue of *Innovation*.

We also looked at the issue of professional engineers' involvement in, and responsibility for, firestop systems used in applications that vary from the tested case. Another item we considered was how to maintain E-Comm's wide area emergency radio system in new construction buildings.

To date, only a few issues have been brought forward because of the newly published National Building Code. The Committee expects to deal with many more Building Code issues when the new BC Building Code is adopted this fall.



James Blake PEng,
Chair

BUILDING ENVELOPE COMMITTEE

The Building Envelope Committee serves as a forum for issues arising from the leaky condo problem, and the former Building Envelope Professional qualification, that were not being addressed in other venues and could benefit from broader discussion and deliberation. Issues considered over the past year include:

- The relationship between APEGBC and AIBC with respect to building envelope issues.
- The general health of the building envelope sector of the construction industry. That is, are we better off now than we were a few years ago when envelope failures were a hot public issue and APEGBC and AIBC were both actively responding?
- The status of problems now becoming apparent with high-rise building envelopes.
- Provision of input to bodies who revise standards for materials used in the building envelope.
- The status of professional liability and contractor's insurance availability, and their effect on building envelope practice and the protection of the public.

- Durability of construction and its relationship to green buildings.
- Preparation of a guideline for building envelope practice for APEGBC members, now in draft form and under detailed review by the Committee. As there are many possible uses for this document, and therefore many stakeholders, it has proven to be a considerable challenge. This has been the major thrust of the Committee's efforts this year.
- The progress of the task force considering further specialist designations or alternatives.



Phil Sunderland PEng,
Chair

I would like to thank all Committee members for their active participation, especially their efforts in serving on sub-committees that deal with various issues.

PROFESSIONAL PRACTICE AND ETHICS

CONSULTING PRACTICE COMMITTEE

The Consulting Practice Committee addresses issues relevant to APEGBC members who provide professional consulting services to the public.

Over the past year we reviewed and commented on draft revisions (prepared by the Division of Structural Engineers) to the *Guidelines for Structural Engineering Services for Building Projects*, including Part 9 buildings. We also reviewed and commented on draft fire protection engineering guidelines.

We responded to the proposed approach by the Consulting Engineers of BC to update the *Fee Guidelines for Engineering Services* to ensure the document can be useful to as many consulting engineers and geoscientists as soon as possible. Other activities and achievements include:

- Evaluated combining the issuing of an electronic seal together with a secure electronic signature.
- Prepared items on "Caution Advised on Non-Endorsed Letters of Assurance" published in the January/February and March/April 2006 issues of *Innovation*.
- Coordinated the online posting of a list of all APEGBC practice-related documents including guidelines and bulletins, as well as practice guidelines issued by other provincial and territorial engineering/geoscience associations in Canada including CCPE and CCPG.

- Reviewed procedures for coordinating a peer review required as a result of recommendations from a disciplinary hearing.

During the year it became apparent that one of the biggest issues of concern for consulting engineers and geoscientists is the implementation of an electronic seal and signature with the appropriate security. It is clear that the introduction of such technology would be of great benefit to the consulting engineering and geoscience community. Not only would this technology promote adherence to the requirements of the *Engineers and Geoscientists Act* regarding the use of seal, it would also facilitate the electronic transmission of engineering and geoscience documents in a secure fashion. The Consulting Practice Committee will be pursuing this issue as a top priority in the upcoming year.

A new representative from the structural engineering community, Fadi Ghorayeb PEng StructEng, joined the Committee this year. I would like to thank all Committee members and staff for their ongoing contributions.



Randall Kovacs PEng,
Chair

DISCIPLINE COMMITTEE

During the year the Discipline Committee handled 11 cases: seven were resolved through Stipulated Orders, two were resolved through Letters of Undertaking by the member and two required hearings. Full details of current disciplinary cases are posted on the Association's website. Summaries of disciplinary actions are published in *Innovation* magazine, the *Connections* newsletter and in local newspapers.

Training and education of Committee members is an essential component of Discipline Committee activities to ensure that members are familiar with current case law and update their skills in conducting hearings, assessing evidence and writing decisions. Two training sessions for members were conducted by outside legal counsel.

During the past year Committee members Herb Hawson PEng, Roy Wares PEng and John Watson PEng participated in a joint Investigation Committee/Discipline Committee/Council Task Force that reviewed the Association's investigation and discipline procedures. The objective of the study was to update investigation and discipline procedures to ensure that they are transparent, fair, efficient, expeditious and cost effective.

The Task Force submitted its final report to Council in April 2006 and a summary of the report recommendations, along

with a proposed implementation plan, was presented to Council in May 2006. Council approved in principle the recommendations and implementation plan, and staff are now working on implementing the recommendations that do not have an effect on the budget. The report is available at www.apeg.bc.ca/enforcement/taskforcereports/investigation-taskforce-report.pdf.

During the year Bob Handel PEng and Al Sinclair PEng/PGeo retired from the Committee; on behalf of the Committee I thank them for their long service to the Association. I am also pleased to welcome Chris Newcomb PEng and Ollie Bonham PGeo, who were appointed to the Committee by Council in March and June of this year respectively.

The Committee is grateful for the service and support provided by Geoff Thiele LLB, Associate Director, Regulatory Compliance and Beverley Mitovic, Compliance Officer.

I wish to thank Committee members for their volunteer efforts and support over the past year.



Roy Wares PEng, Chair

PROFESSIONAL PRACTICE AND ETHICS

ENVIRONMENT COMMITTEE

The Environment Committee continued to meet and actively discuss key environmental topics during 2005/2006. Our Committee is well served by a wide variety of members who practise across a broad spectrum of professional practice sectors including oil and gas, federal government, hydrogeology, regulatory issues and contaminated sites.

Our mandate was further refined in our terms of reference and ratified by Council in May. At our meetings we arranged to have presentations on the environmental aspects of major infrastructure projects, most recently an excellent presentation on the Canada Line construction. For the balance of the year we hope to arrange speakers on the Vancouver Trade and Convention Centre expansion, the Gateway project and the Sea to Sky Highway.

We continue to liaise with the Sustainability Committee through our Chair, who sits on both committees. We also liaise with the GVRD on air quality monitoring and airshed management.

The Committee maintains a watching brief on major provincial projects with respect to the *Engineers and Geoscientists Act*

through the BC Environmental Assessment Office, and provides feedback on groundwater contamination issues.

Other ongoing initiatives include liaising with the GVRD on air quality monitoring and watershed management, identifying climate change impacts on professional practice, and investigating a national instrument for disclosure of environmental liabilities in resource and mining-based projects.

We continue to promote the annual APEGBC Environmental Awards and 2006 saw a significant increase in submissions. Additionally, the Committee chairs and organizes the environmental stream at the APEGBC Annual Conference, which continues to be well attended.

I thank all Committee members for their active and diligent involvement over the past 12 months, and their continued support.



John Holland PEng,
Chair

INVESTIGATION COMMITTEE

The Investigation Committee reviews complaints to determine whether reasonable and probable grounds exist to deem that a member has contravened the Act, Bylaws or Code of Ethics, or has demonstrated incompetence, negligence or unprofessional conduct. If reasonable and probable grounds exist, the Committee forwards its recommendation for an Inquiry to the Discipline Committee. If not, the Committee closes the file with no further action, or with recommendations to the member.

The Investigation Committee held six meetings this year and dealt with 39 matters: 13 were referred to the Discipline Committee recommending an Inquiry, 17 were closed and nine are currently under investigation. Where the file was closed, the complainant and the member complained against were given written reasons as to why the complaint did not proceed to an Inquiry. A total of 33 new complaint files were opened.

During the year Council appointed an Investigation and Discipline Task Force to examine the effectiveness of the Association's current investigation and discipline processes and to make recommendations to Council regarding changes. The report of the Task Force is available at www.apeg.bc.ca/

enforcement/taskforcereports/investigation-taskforce-report.pdf. The Task Force members were Claudio Arato PEng, Herb Hawson PEng, Gilbert Larocque PEng, Mark Roozbahani PEng, Roy Wares PEng, John Watson PEng and Carl Wilson PEng PhD; I thank them all for their time and dedication.

The Investigation Committee welcomes Allan Dakin PEng, who was appointed by Council in October 2005.

I thank Carl Wilson PEng PhD and John Jenness PEng PhD, whose terms on the Committee concluded in November 2005, and Jenna Hardy PGeo, whose term ended in June 2006, for their efforts in supporting the objectives and responsibilities of the Association.

In addition, I thank Association staff and all Committee members for their guidance, sincerity and dedication in ensuring fairness in the investigation process.



George DesBrisay FCA,
Chair

PROFESSIONAL PRACTICE AND ETHICS

PRACTICE REVIEW COMMITTEE

The Practice Review Committee reviewed 135 files over the last year. We approved nine requests for exemption and refused three; there were 123 adjudicated files. Six files were directed to the Investigation Committee and one was closed using a Letter of Undertaking signed by the member. Seven professional geoscientists were reviewed and all were found to be in compliance. The annual review statistics are as follows:

• Practice in compliance	86	70%
• Practice needs improvement	15	12%
• Committee request for technical reviews	2	2%
• Letter of Undertaking	1	<1%
• Request for supplemental information	13	11%
• Files directed to Investigation Committee	6	5%

Since 1995, 1,067 practice reviews have been completed in which 80% of reviewed members were found in compliance, 16% required practice improvement and 4% were directed to the Investigation Committee and/or the member signed a Letter of Undertaking.

As per its new terms of reference, the Practice Review Committee will report directly to Council rather than through the former Professional Practice Committee. Also, by Council decision, 10% of practice reviews conducted in the coming year will consist of randomly selected professional engineers

who conduct terrain stability assessments in the BC forest sector.

The Committee drafted a survey of members reviewed since 2002, which will be distributed this fall.

At the request of Council, a proposal was considered to implement a preliminary screening process that would allow APEGBC to focus its limited financial resources and achieve the widest possible benefit to both members and the public. The Committee responded positively to Council on this matter.

The Committee reviewed and approved a Council draft policy on Discipline Committee ordered peer reviews. We also held a day-long information and training session for general and technical reviewers with over 40 attending. We approved two new general reviewers and eight technical reviewers.

Andy Mill PEng StructEng and Bill Donald PEng resigned from the Committee and their contributions are greatly appreciated. We welcome their replacements, Rob Simpson PEng and Dave Jackson PEng.



Bob Gerath PEng,
Chair

SUSTAINABILITY COMMITTEE

Corporate social responsibility (CSR), frankness and transparency have emerged as important sustainability issues for organizations, including APEGBC, to adhere to in their strategies and practices to ensure sustained operations and growth.

Innovation is also important: sustainability requires innovative products and services, less taxing of natural resources, less pollution/waste and more affordability. Given the CSR imperatives, innovations require full stakeholder buy-in.

Ecoefficiency, referring to both economy and ecology, means producing more (products, services, added value) with less (resources, waste, pollution). This is already partly intrinsic in our professions and it only needs to be extended further in most processes.

Appropriate economic instruments, established through appropriate governance policy and regulations, are also important to the promotion of sustainability. Thus the correct balance of economic instruments, voluntary business initiatives and market rules, without hampering efficiency, are required to secure progress across economic, social and environmental bottom lines.

The above reflects the essence of sustainability, and the purpose and goal of the Sustainability Committee's work now and in the future. The Committee's mandate is to assist

APEGBC in promoting and facilitating the achievement of sustainability.

Over the past year the Committee was responsible for delivering the annual Sustainability Award and the publication of *Sustainability Now* newsletters. We participated on the advisory panel for the *Vancouver Green Guide* and assisted with the APEGBC professional development session on lifecycle costing.

Other projects included aligning the Committee's terms of reference with APEGBC's Governance Policy, producing a summary report for 2000-2005 and developing an Action Plan for 2006-2007.

As outlined in its Action Plan, the Committee is dedicated to better aligning its objectives and activities with APEGBC's Strategic Plan and operations. It will consult with APEGBC members and staff, and foster collaborative relationships to assist members with the integration of sustainability principles in their practices. The Committee will make available practical sustainability education and tools, and will track the integration of sustainability principles within the professions.



Fred Bjork PEng LEED
AP, Chair

MEMBER SERVICES

ASSOCIATE DIRECTOR'S REPORT

IN SEPTEMBER 2005 THE MEMBER SERVICES and communications functions of the Association reunited into one operational department. The main role of this staff team is to provide support for the Association's public relations, communications and member service activities.

The Association has a number of well-established programs in the member services and communications areas. This past year we carried on with the administration of these programs while looking for ways to continue to improve. Part of this review process included an assessment of how we use our resources and reallocating them, where appropriate, to provide the best benefit to our members and the public.

Career Awareness

One of APEGBC's longstanding activities is using our volunteer and financial resources to expose youth to the engineering and geoscience professions. In the area of career awareness, we award many grants to groups involved in promoting engineering and geoscience related activities.

Last year over \$23,000 went to support MathChallengers, Geering Up!, Destination Imagination, Science Fair Foundation, Canadarm 2020 Challenge (HR MacMillan Space Centre), Balsa Bridge Building Contest (Notre Dame High School), Mineral Exploration Roundup (AMEBC) and IEEE Power Engineering. We also sponsored a number of university student activities such as Heavy Lift, Concrete Toboggan, Human Submarine, Rocket, Formula Car and Robot competition teams.

Student Membership

APEGBC's Member Advantage Program for Students (MAPS) provides a good connection between the Association and students. Several student industry nights take place throughout the year at UBC, UVic and SFU; this year the program is expanding to include industry nights at UNBC, UBC Okanagan and BCIT. Association staff and volunteers give presentations to students focusing on professionalism, ethics and the role of APEGBC. Student executives also receive financial support to assist with their activities.

Outreach and Promoting the Professions

APEGBC reaches out to members and other groups by exhibiting at a number of events. In addition to the APEGBC Annual Conference in October, trade shows we attended included the Mineral Exploration Roundup, BC OnSite Sewage Association and Association of BC Forest Professionals. We also provided sponsorship for the Consulting Engineers of BC Awards. Additionally, APEGBC Branches hosted and exhibited at a number of events in their respective regions.

Through careful management of a modest advertising budget, our marketing initiatives included advertisements in the *Vancouver Sun*, *The Province*, *BC Business*, *Business in Vancouver*, *Construction Business*, the *Journal of Commerce*, *Mineral Exploration* magazine and *Green Space* magazine. With the support of many of our members' firms as well as suppliers to engineering and geoscience industries, we published a 10 page insert in the Saturday, February 24, 2006 edition of the *Vancouver Sun* showcasing the engineering and geoscience professions. In the coming year, an increase in the advertising budget will allow us to purchase advertising in a number of additional publications to reach audiences around the province.

Member Communications

APEGBC's flagship publication, *Innovation* magazine, continues to publish six times per year. News headlines are published electronically on a monthly basis through our online newsletter, *Connections*. In February we updated the newsletter layout, which elicited a large increase in visitors to our career listing page. Our website is also undergoing a facelift and will be launched with its new look later this year.

Professional Development

The APEGBC Professional Development program continues to grow. This year we are pleased to have offered over 100 seminars throughout the province, of which eight were webcast. With the assistance of our members we have significantly increased the number of technical seminars offered.

Another program that has seen growth this past year is the Business Resource Group. This group of sole proprietors and small firm principals meets on a monthly basis to discuss business issues under the guidance of Moreen Singh, a professional facilitator. Members who participate in the group regularly comment on the positive impact this program has had on their business.

Back by popular demand for our salaried members was the APEGBC Compensation Survey. Last undertaken in 2002, this year's survey saw members' salaries increase an average of 14%.

The APEGBC Member Services and Communications team supports the activities of most of the Association's non-regulatory committees, task forces, branches, divisions and charities. We are pleased to have the opportunity to work with so many terrific volunteers.



Janet Sinclair, Associate Director, Member Services

MEMBER SERVICES

CONTINUING PROFESSIONAL DEVELOPMENT COMMITTEE

One of the major activities undertaken by the Continuing Professional Development Committee over the past year was consulting with members on the implementation of the mandatory Continuing Professional Development (CPD) program. The Committee identified this consultation as a critical component in the process.

In July 2005 a draft guideline outlining requirements of the proposed program was presented to the membership. Consultation meetings were held with members throughout the province to answer questions about the proposed program and to generate discussion on the issue. Members provided valuable feedback on the proposed requirements.

Many members indicated they would like to see more flexibility in the way that CPD credits are obtained. The Committee has responded to this concern by removing the requirement for a formal evaluation process for activities in the Formal Methods category, and by increasing the maximum number of hours that can be claimed in other categories (Informal, Participation, Presentations and Contributions to Knowledge).

Many members expressed appreciation for the efforts of the Committee and APEGBC in this regard and commented that

implementation of this program is long overdue. Members who also practise in Alberta and other provinces requested that reporting requirements to multiple jurisdictions be made easier; work on this issue is currently underway.

Some members noted that continuing professional development is only one part of continuing competence and that it requires connection with other processes. Council and the CPD Committee are in agreement on this issue and, as a result, have initiated integration between continuing professional development requirements and practice competence assessments. Further development on this initiative will be reported in *Innovation* magazine and the *Connections* newsletter over the coming year.

If you have any questions, comments or suggestions please contact the Continuing Professional Development Committee or Janet Sinclair, Associate Director, Member Services.



Vijay Kallur PEng, Chair

EDITORIAL BOARD

It is my privilege to volunteer on the Editorial Board as part of the team that helps to make your journal a truly tangible connection between the Association and its members. We are proud that *Innovation* remains a vehicle to inform you of Association issues and changes, and a wide scope of member activities.

Although *Innovation's* bimonthly format, implemented in late 2004, was originally budgeted for 40 pages per issue (with the exception of the usual 64 pages allocated to the special July/August project pictorial issue), steadily increasing interest from advertisers has necessitated expanding the magazine to 48 pages over the past year; in addition, the pictorial issue was increased to 72 pages this year.

The pictorial feature in the July/August issue always generates great interest from readers and advertisers, as it provides a superb snapshot of the engineering and geoscience professions' creativity and diversity both here in BC and around the world. Our Managing Editor, Jennifer White, advises that the number of submissions for the pictorial doubled this year. Be sure to send in your pictorial submissions by the early May deadline to increase the likelihood that your project will form part of this "keeper" issue.

I would like to thank Editorial Board members for their dedication to *Innovation* and contributions to the editorial planning process. The Board was pleased to welcome new members Sunny Ghataurah, Ivo Kokan PEng and Winnie Lai-Fong PEng to the table this year.

As Managing Editor, Jennifer White continues to do a commendable job of maintaining the high standards we expect in the planning and production of our journal. We appreciate the efforts of Gillian Cobban, our Advertising Representative, in sustaining and increasing advertiser demand. We are also pleased to be working with Janet Sinclair, Associate Director, Member Services, whose portfolio encompasses *Innovation* magazine.

Thanks to all our members who contributed, or were featured in, articles and profile stories this year. We look forward to delivering more interesting news and stories in the coming year, and invite you to contact Jennifer White or any Board member with your ideas and contacts.



Bob Gill PEng, Chair

MEMBER SERVICES

MEMBER SERVICES COMMITTEE

The Member Services Committee is directed by its terms of reference to facilitate the delivery of value-added member services programs based on quality and service provision, and savings to APEGBC members. This past year the Committee continued to explore new opportunities to consistently offer APEGBC member savings on valuable products and services.

Many members have commented that savings on the Home Insurance Program alone were equivalent to their annual membership fee; all other savings using affinity providers were an added bonus.

There are additional benefits to APEGBC. Over the past year the Affinity Program generated \$217,728 for the Association, of which over \$28,000 was contributed towards the Annual Conference through sponsorship.

In an effort to provide the membership with the best possible travel health insurance, the Committee has been working jointly with Park Insurance and Travel Insurance Coordinators to develop such an insurance program for members.

The Committee renegotiated with Bell Mobility to bring additional savings to members and their families as well as corporate accounts. Bell Mobility now offers a highly competitive package at \$23.50 per month with 200 free local minutes and unlimited evenings and weekends.

We are pleased to add the Vancouver Playhouse Theatre Company to the growing list of affinity partners. They offer season tickets to APEGBC members for \$150, representing a considerable discount over the regular price (\$155-\$215).

The Committee welcomes your input and is eager to investigate further opportunities for members who, as over 20,000 potential buyers, wield significant market power. Visit the APEGBC website for information on Affinity Program savings.



Tiit Pikksalu PEng,
Chair

MENTORING COMMITTEE

The Mentoring Committee helps EITs and GITs obtain professional registration in the four-year time frame by matching trainees with experienced professionals. These registered professionals guide trainees as they gain work experience and develop their professional skills.

An excellent evening seminar on "Keys to Professional Success," led by Harriett Lemer of Einblau & Associates, was held in November 2005. The session involved direct teaching, interactive discussion and hands-on training. Committee members, mentors and trainees found the seminar practical and educational, and we plan to hold another in November 2006.

In 2005/2006 the Committee received 22 new applications and made 19 matches; the program currently has 126 matched pairs enrolled. APEGBC staff member Andrea Hodgins helped to streamline the matching process, which has saved time for the Committee. In the coming year we will continue with matching activities and updating program information. We also plan to survey participating members to ensure the program is meeting their needs.

Each year the Committee receives several applications from internationally trained engineers and geoscientists who seek professional registration but are not registered as EITs/GITs. To

assist these applicants the Committee obtained Council approval to expand its mandate to include mentoring for internationally trained engineers who become Provisional Members with the Association. The Committee continues to advertise to both recent graduates and potential mentors.

Ongoing staff support from the Association has been readily available; Andrea Hodgins provides ongoing assistance to the Committee and Janet Sinclair provides overall coordination.

This past year Murray Peart PEng resigned from the Committee; his assistance over the past few years is appreciated. Committee members in the Vancouver area are James Canova PEng, Todd Martin PEng/PGeo, Glen Parker PEng and Scott Penner PEng. Martin Paul PEng and Carl Zanon PEng are in the Okanagan, with Alisa Dowling PEng providing support on Vancouver Island.

The Committee welcomes any members who wish to participate in the program as a mentor or Committee member.



Hugh Fraser PEng,
Chair

MEMBER SERVICES

STANDING AWARDS COMMITTEE

APEGBC's Standing Awards Committee is responsible for seeking and reviewing nominations for the Association's annual awards. Final selections are made by Council based on the Committee's recommendations.

APEGBC's annual awards consist of the RA McLachlan Memorial Award, CJ Westerman Memorial Award, Meritorious Achievement Award, Professional Service Award, Community Service Award and Award for Teaching Excellence; their terms of reference are at www.apeg.bc.ca/members/awards.html.

The Committee also submits nominations to CCPE for its annual Canada-wide awards. This year three APEGBC members received CCPE national awards, clear evidence of the excellence of our own award recipients.

This year the Committee received several very good nominations, which is encouraging. The nominations are generally of high quality, and we believe there are many members who deserve recognition and whose achievements need to be

brought to our attention. Most engineers and geoscientists are too modest to promote themselves and so must rely on nomination by colleagues.

We will continue to work on simplifying the nomination process, and we urge APEGBC members to consider suitable candidates among their peers and to actively pursue their nomination for the 2007 awards.

Thank you to all Committee members and APEGBC staff for your assistance with the Committee's work. A special thanks to Bob Affleck PEng, who stepped down as Chair this year, for his years of leadership. As well, thank you to all members who submitted nominations for the 2006 awards.



Phil Sunderland PEng,
Chair

DIVISIONS

DIVISION FOR ADVANCEMENT OF WOMEN IN ENGINEERING AND GEOSCIENCE

DAWEG's mission — to make engineering and geoscience appealing, rewarding and equitable for women so that they are attracted to, and are practising at all levels in, our professions — continues to guide our many achievements.

In 2006 we supported and inspired over 100 students of all ages through our Science Fair and ROV (remotely operated vehicle) competition sponsorships, and our joint DAWEG/Jade Bridges/UBC/UVic programs. We continued to raise awareness of the professions at E-Fest and are developing a high school Green Bean Education program in collaboration with the Sustainable Building Centre.

For members, we offered networking activities through our Victoria and Okanagan chapters and organized socials, a seminar series and two planning retreats. We sent a large delegation to the national CCWESTT (Canadian Coalition of Women in Engineering, Science, Trades and Technology) Conference and the 2005 APEGBC Annual Conference DAWEG stream.

We extended our networking and professional development opportunities to newcomers to Canada through the workshop for Internationally Trained Women Engineers organized jointly with SCWIST/IWIS (Society for Canadian Women in Science and Technology/Immigrating Women in Science). We also supported our high-achieving colleagues for their

tireless contributions to the professions through nominations for the CCPE and APEGBC awards.

To better assist with outreach to our members and the public we are updating our display booth and website. We continue to reach out to members for input on how best to meet their needs.

In collaboration with the APEGBC MAPS program, our annual Salary Seminar for graduating students is gaining popularity through the Jade Bridges program-sponsored expansion project.

The seminar is offered at UBC and UVic and has strong interest from SFU; it was made available online and via CD for all BC students and we are working with national bodies to extend it to all provinces.

DAWEG's Tri-Mentoring Program at UBC has also grown through a newly established position at the Dean of Applied Science office, which is now responsible for coordination.

We thank all members who participate in, contribute to and silently support our work. For more information visit www.apeg.bc.ca/daweg.



Maggie Wojtarowicz
EIT, *Chair*

DIVISION OF ENGINEERS AND GEOSCIENTISTS IN THE FOREST SECTOR

DEGIFS has a membership of over 250 professionals who work in the forest sector for various public and private sector organizations throughout BC.

In October we participated in APEGBC's 2005 Annual Conference in Richmond with presentations on the theme of long-term sustainability and planning in the forest sector. Items of discussion at the annual DEGIFS AGM on October 13 included membership issues, forest road and crossing guideline issues, and terrain stability assessments under the new *Forest and Range Practices Act*.

This year DEGIFS continued its involvement with the Ministry of Environment and other public sector organizations in the Terrain Information Working Group, and participated in revising the major culvert definition within the *Guidelines for Professional Services in the Forest Sector – Crossings*.

More recent initiatives include assisting in the development of the new *Guidelines for Terrain Stability Management in the Forest Sector*; developing a communications protocol between DEGIFS and the Joint Practice Board; reviewing and commenting on several Forest Practices Board reports; discussing with the Forest Practices Board possible improvements to the usefulness of Forest Stewardship Plans; and meeting with WorkSafe BC and APEGBC Council to address

WCB regulations and guidelines related to PEng and PGeo involvement in planning, design and field reviews for construction of forest roads.

Other activities include assisting with the 2006 Forest Engineering Award of Excellence, polling members on the idea of expanding the Division into other resource sectors, upgrading and maintaining the DEGIFS website to better serve member needs, and producing four issues of our newsletter, *Aspect*.

Initiatives planned for 2006/2007 include involvement in the development of guidelines for planning, design and construction of forest roads; assisting WorkSafe BC in rewriting regulations concerning forest roads; and preparing the 2006 AGM technical sessions. We advertised two \$2,000 DEGIFS bursaries but received no applications, so will be looking at possible changes to the bursary format.

I would like to thank the DEGIFS executive, editorial team, co-opted representatives and other volunteers whose hard work ensures our continued success. I encourage all engineers and geoscientists working in the forest sector to join the Division.



Mark Goldbach PEng,
Chair

DIVISIONS

DIVISION OF STRUCTURAL ENGINEERS

The DSE has been active with issues similar to those reported in 2004/2005. The formation of SEABC (Structural Engineering Association of BC) has made progress, the last step being the election of a Chair. The creation of SEABC has strong support from its constituent memberships and DSE intends to work towards fulfillment this year.

A design guideline for Part 9 buildings was accepted by the DSE Executive and APEGBC. It was determined that a general guideline for addressing the various prescriptive issues would be of value to both engineers and building officials. Similarly, updates to the *Guidelines for Structural Engineering Services for Building Projects* were accepted. The only guidelines remaining are the *Structural Checking Guidelines*; some definitions are to be reviewed but the document is near completion.

DSE continues to award its annual scholarship — now named the Jim Warne DSE Scholarship in Civil Engineering — to two UBC undergraduate students demonstrating a serious interest in structural engineering.

Internationally, DSE and IStructE (Institution of Structural Engineers) continue to have a beneficial association. In May 2006 the Chair was invited to the IStructE Annual Conference in London and, together with David Harvey PEng StructEng (IStructE President Elect), attended the International Agreements Panel and Membership Panel meetings. Both panels

have relevance in gaining familiarity with the membership composition and status of agreements with IStructE.

DSE's associations with NWCSEA (Northwest Council of Structural Engineering Associations) and WCSEA (Western Council of Structural Engineering Associations) continue, with good representation at the annual conferences by Executive members. The key objective to develop a qualifications process, and increased mobility, is gradually being achieved.

The DSE newsletter has been revised with an excellent new format and the website continues to be updated. DSE is in good financial health and we will be able to maintain IStructE, WCSEA, NWCSEA and scholarship fund commitments.

For this year's AGM technical sessions we have addressed structural engineering issues such as Code and Guideline changes. The Executive intends to review topics throughout the year to maintain successful technical sessions. For 2006/2007, we will concentrate on DSE member concerns and encourage involvement.



Thor Tandy PEng,
Chair

MUNICIPAL ENGINEERS DIVISION

MED has a membership of over 300 professionals working in various public sector organizations throughout BC. It provides a valuable forum where engineers who serve the municipal sector can meet, exchange ideas, debate issues and be a catalyst for improvement, innovation and sustainability.

In the past year Donna Howes PEng and Francis Cheung PEng resigned from the Executive. We thank them for their excellent service in many capacities including Division Chair. We welcome Ian Radnidge PEng and David Blain PEng as new Directors.

The highlight of 2005/2006 was the joint completion with CEBC of the Consultant Selection Process. This quality-based selection process was recommended to our membership as one of the procedures to follow in selecting professionals for technical assignments. The document was subsequently used in developing a new InfraGuide Best Practices Guide.

Our Division hosted and participated in a series of conferences and seminars this year, including the 2005 APEGBC Annual Conference in Richmond last October with presentations related to the 2010 Olympics as well as the Consultant Selection Process. The annual joint MED/MMCD (Master Municipal Construction Documents Association) AGM on November 25 covered a number of green infrastructure proj-

ects, the new green MMCD guidelines and local Hurricane Katrina emergency response efforts.

MED cosponsored a seminar on February 3 with InfraGuide on their national series of municipal infrastructure Best Practices Guides. On April 28 our spring seminar provided presentations on the Golden Ears Bridge project, the Fraser River Port Authority, and trends in engineering salaries and employee retention. Finally, the June 2

seminar consisted of a tour of the new LEED standard Kamloops Centre for Water Quality and an overview of Interior Health's new water quality requirements.

This year MED will participate in the 2006 APEGBC Annual Conference with speakers on sustainable projects and will also host seminars throughout the year. The Executive plans continued support of the Association as well as enhanced partnerships with MMCD and CEBC.

We encourage engineers involved in municipal infrastructure in both the private and public sectors to join the Division.



John Vos PEng, Chair

BRANCHES

BURNABY/NEW WESTMINSTER BRANCH

As in years past, the Burnaby/New Westminster Branch hosted more great tours and well-attended dinner meetings.

The first was our tour of the Kodak (formerly Creo) facility on Annacis Island in October. It was a well-attended event that, traffic difficulties aside, went off without a hitch. November was our continuing professional development dinner meeting. APEGBC staff were present to gather feedback and the members did not disappoint, providing a lively, civilized discussion that was extremely well attended.

January's dinner meeting, "Bringing Ideas to Reality," focused on starting, developing and funding your own business. Hosted by Natalia Kazakova PEng, it featured speakers from various government offices and was another popular meeting. Tour plans did not materialize for February; how-

ever, March featured a seminar about bringing the internet to remote communities, hosted by Vice Chair Dorothy Ong EIT.

In May we joined our counterparts in the Fraser Valley and Tri-City Branches for a visit from APEGBC President Dr Bob Ito PEng. This well attended event was held in Cloverdale and hosted by the Fraser Valley Branch. Our final event was a tour of AMEC Dynamic Structures.

I would like to extend a big thank you to everyone on the Executive for all of their hard work this year.



Jarrod House EIT,
Chair

CENTRAL INTERIOR BRANCH

The focus for our Branch this past year was increasing the number of professional development seminars and other events for our members.

These included a tour of the new Nechako water distribution system, a mandatory CPD presentation by APEGBC at UNBC (which included engineering students from UNBC), a seminar by the City of Prince George on its community energy project, the annual popsicle stick bridge contest during National Engineering and Geoscience Week, participation in the College of New Caledonia Career Fair, and the annual President's visit. During this event members enjoyed a presentation by Dr Bob Ito PEng followed by a tour of the historic Cameron Street Bridge, which has been closed pending a decision on the future of the bridge crossing.

Professional development courses offered this year included topics on terrain stability, sustainable buildings, clean drinking water for the north (BCWWA) and project management. Seminars on CSA standards for concrete, stormwater management and acid rock are scheduled for the rest of the year. We have encouraged our members to report their CPD activities

and have experienced a great turnout at each meeting; we hope to continue to provide such opportunities.

Thank you to all of our sponsors of the popsicle stick bridge contest. We are compiling a supplement for the *Prince George Free Press* next January, which will include advertisements from local firms and contractors to promote National Engineering and Geoscience Week as well as the popsicle stick bridge contest.

This past year our Branch participated in the Central Interior Science Fair by providing a trophy and prize in the Innovation in Engineering category. We are pleased that UNBC students are showing an interest in the Association at both the Branch and Executive levels. Congratulations to the students who won the Western Championships for the National Engineering Competition and placed 2nd at the national level. Way to go!



Emily Cheung PEng,
Chair

BRANCHES

EAST KOOTENAY BRANCH

Chuck Downie PGeo, *Chair*

The past year has been a quiet one for the East Kootenay Branch. In January, Association staff traveled to Cranbrook to make a presentation on continuing professional development. The meeting was well attended and very informative. It and elicited many comments and suggestions, particularly from semiretired and retired engineers.

East Kootenay Branch members participated as judges in the annual District Science Fair held in Cranbrook at the beginning of April, and also coordinated the annual popsicle

stick bridge building contest. In May our Branch members traveled to Creston to join members from the West Kootenay Branch in a barbeque and tour of Columbia Breweries. The event was organized by the West Kootenay Branch and was attended by APEGBC President Dr Bob Ito PEng.

Although 2005/2006 was not a particularly active year in the East Kootenay Branch, our Executive hopes to organize more functions in the upcoming year including dinner speakers and a fall Branch AGM.

FRASER VALLEY BRANCH

Through the generous efforts of our Executive, participation of our members and the support of APEGBC staff, the Fraser Valley Branch enjoyed another great year. We appreciate the participation of our members, volunteers and staff and their support of our many dinner meetings, presentations, social events and tour opportunities.

The year began with a visit from the chair of the Continuing Professional Development Committee, Vijay Kallur PEng, and APEGBC staff who discussed the proposed mandatory CPD program. In November the Branch Executive was pleased to host a talk by Minister of Transportation Kevin Falcon on the latest developments and initiatives in transportation for BC.

In February Moreen Singh, professional business coach, gave a session on developing and maintaining professional networks. For our March meeting Rodney Vaughan, SFU professor and Sierra Wireless Chair in Communications, provided an overview of the development of the communications industry in Canada.

The Branch joined forces with the Tri-City and Burnaby/New Westminster Branches to host the annual President's visit in May, where Dr Bob Ito PEng provided an update on current affairs at APEGBC. The Fraser Valley Branch held its

AGM that same evening, electing a new Executive. In June Lawrence Bicknell of Jardine Lloyd Thompson Canada introduced us to the many facets of professional liability insurance and risk management.

Our final event for 2005/2006 was a very successful EIT/GIT Reporting Seminar presented by staff from APEGBC. The seminar gave our EIT/GITs insight into how to report experience for credit towards registration. Due to the overwhelming response, the Branch is planning to hold similar events in the coming years.

The Branch continues to support the annual Fraser Valley Regional Science Fair and local MathChallenger events, and willingly forwards member concerns to the Branch Representatives meetings and APEGBC AGM. We look forward to continuing to support our community events, to providing opportunities for membership networking and social gathering, and acting as a support function and link to the Association.



Ron Weismiller PEng,
Chair

BRANCHES

NORTHERN BRANCH

Our Branch held its Executive election in Kitimat in April, electing a full slate with involvement by senior members. We also appointed members at large for Prince Rupert, Terrace, Smithers and Kitimat.

We developed a program of social and technical sessions for members as well as opportunities for networking in career and business. The program includes hosting of an event by each city during the year.

In April Kitimat held a fish hatchery tour, dinner and technical presentation, a successful event organized Barrie Creelman PEng. An underground mine tour, golf, dinner and technical presentation was hosted in Smithers in May, organized by Scott Loptson PEng and Emily Davidson PEng.

This September Prince Rupert hosted the President's visit and tour of the Prince Rupert port expansion project along with dinner and a technical presentation, organized by Janine Toneff PEng. In November/early December the winter dinner meeting will be held in Terrace, organized by the Chair.

Over the past year, our Branch was actively engaged in pro-

moting submissions for the President's Awards as well as submissions for the annual Project Highlights feature in *Innovation*. The Branch also had representatives on the Nominating Committee and sent two delegates to the May Branch Representatives meeting in Richmond.

Preparation for the current year's program included the appointment of a coordinator, Bruce Sheedy PEng, to plan more effective career awareness in high schools during National Engineering and Geoscience Week. Each member at large will be responsible for delivering the local content. Committees and coordinators have also been appointed to promote standing awards, CPD programs, mentoring, the Branch web page and volunteer recruitment.



Vinod Chandra PEng,
Chair

OKANAGAN BRANCH

The Okanagan Branch had another successful year in 2005/2006, which can be attributed to the significant continuing effort of the Executive and the support of Branch members in our region.

A highlight this past year was the opening of the new UBC Okanagan School of Engineering. This is a rare opportunity for our local APEGBC members to provide input to support this new four-year engineering program. The program began with 67 first-year students in September 2005 and will grow to an intake of 180 first-year students and total of 750 students in both undergraduate and graduate studies.

During the year we held a number of tours, Branch meetings, professional development seminars and special events. In September we had our annual meeting and golf tournament as well as continuing professional development discussions with APEGBC staff. In November we hosted an APEGBC booth at the Okanagan College Career Fair and toured the BC Fruit Packers automated fruit packing and cold storage facilities.

Our tour of Alpine Aerotech helicopters was in January, along with our second annual UBC Okanagan School of Engineering dinner meeting and update by Dr Michael Isaacson PEng, Dean of the Faculty of Applied Science. In March our

Branch again supported the annual spaghetti bridge contest hosted by Okanagan College.

We toured the Coe Newnes McGhee sawmill equipment design-manufacture plant in Salmon Arm in April. In May our Branch meeting hosted a visit by APEGBC President Dr Bob Ito PEng and Vice President Tim Smith PGeo. Discussion involved APEGBC direction, goals, continuing professional development, liability, landslides and more. In June, thanks to APEGBC member support, we enjoyed a great tour of the Highland Valley copper mine.

Our thanks to APEGBC head office for providing a number of professional development events in the Okanagan. Upcoming seminars will include negotiation skills, team building for profit and several others.

In the upcoming year we anticipate providing numerous tours, events and Branch meetings with stimulating talks from local professionals, as well as more professional development opportunities for our members.



Craig Merkl PEng PhD,
Chair

BRANCHES

PEACE RIVER BRANCH

This has been a very event-filled year for the Peace River Branch. In March we held our 8th annual popsicle stick bridge building contest and first Geosciences Fun Time event. The bridge event was a tremendous success thanks to the assistance of Jim Jarvis PEng, Robin Baillie EIT, Al Zackodnik PEng and Tim Stobbs EIT.

Jim brought props to convey some basic engineering principles to the contestants, which should result in stronger bridges next year. Robin provided much of the commentary for the bridge-breaking event in a manner that was clear and understandable to even the youngest contestants. Al and Tim, as members of the Executive, helped organize the event.

The Geosciences Fun Time event was also a great success thanks to Bob Lane PGeo and Rich McCrea (Peace Region Palaeontology Research Centre). Bob brought along his impressive rock and mineral collection, while Rich set up a palaeontology display that was very well received. I provided a display that depicted local geomorphic features.

In June Kevin Wiens PEng conducted a tour of Fort St John's water treatment plant. The treatment plant, constructed in 1996, serves as the central control and monitoring area for the city's water and wastewater infrastructure. By all accounts, the tour went extremely well.

In July the Branch held its first family barbeque and bocce event; a good time was had by all. Talia Wiens, daughter of Kevin Wiens PEng, was crowned supreme champion of the masters croquet tournament.

In September the Branch hosted a coal mine tour, thanks to Western Canadian Coal, which will be followed by the President's dinner and annual general meeting in October.



**Brendan Miller PGeo,
Chair**

SEA TO SKY BRANCH

The Sea to Sky Branch includes members of APEGBC living on the north shore of Burrard Inlet as well as in communities along the Sea to Sky corridor to Whistler, the Sunshine Coast and Bowen Island. Our Executive is made up of dedicated volunteers who meet monthly to plan and execute activities that will benefit our members and their communities.

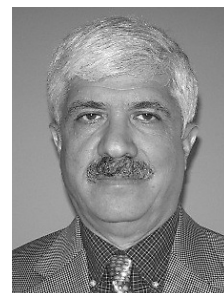
During the past year the Branch held six monthly dinner meetings to discuss topics such as CPD, emerging information technology issues and engineers, the historical significance of bridges on the Fraser River and renewable energy for BC; we also visited Coanda Research & Development Corp in Burnaby. More than 500 engineers participated in the dinner/technical meetings and technical tours.

At our Branch AGM in May, President Dr Bob Ito PEng and Executive Director Anne Garrett PEng discussed emerging issues, challenges and opportunities facing engineers, geoscientists and APEGBC.

This year, for the first time, the Sea to Sky Branch hosted a half-day technical session on construction project plan-

ning and management in Vancouver, attended by more than 200 engineers. The Branch Executive voted to donate the proceeds of this event (roughly \$2,000) to the APEGBC Foundation. We also held a special session for foreign-trained engineers in North Vancouver, where APEGBC Registration staff explained how newly arrived engineers can apply for registration in BC.

Other events organized by the Executive and volunteers included the annual popsicle stick bridge building competition in Capilano Mall during National Engineering and Geoscience Week and a MathChallengers event. Our annual family barbeque was held in Bill and Vivian Vaughan's garden in West Vancouver, also attended by Dr Ralph Sultan PEng, MLA for West Vancouver-Capilano and Joan McIntyre, MLA for West Vancouver-Garibaldi.



**Shahab Sokhansanj
PEng PhD, Chair**

BRANCHES

SOUTH CENTRAL BRANCH

The South Central Branch enjoyed an event-filled year thanks to the dedication of the Executive, the support and attendance at our events by Branch members, the kind people who volunteered their time to present at our events, and the support of APEGBC staff.

An evening session in November on the Water Balance Model for BC, presented by Kim Stephens PEng and cosponsored by EMCO, provided an opportunity for both learning and networking. This well-attended event drew members from all areas of our Branch. The Branch AGM meeting and elections were also held in November, where Dr Rita Winkler RFP provided an interesting luncheon session on the potential hydrogeomorphic consequences of the mountain pine beetle.

The new year featured a luncheon session with guest speaker Philip Beaty PEng on gasification technology, and Peter Nixon PEng presented an interesting slideshow on the European ski industry.

This was the third year of our annual popsicle stick bridge competition, which was another smashing success. The winning bridge this year surpassed the 1,000 lb mark! Check out

the South Central Branch web page at www.apeg.bc.ca/branches/Branches/southcentral.html for more details. Thanks again to Thompson Rivers University (TRU), which has cosponsored the event since its inception.

The President's visit in May included both a luncheon in Salmon Arm and an evening dinner in Kamloops. We held a social summer evening of disc golf to capitalize on the fantastic weather, followed by a mountain bike ride and further disc golf evenings later in the summer.

In the coming year we will hold further luncheon events. We will continue to work on establishing a scholarship for students entering the engineering program at TRU, and will be organizing our 4th annual popsicle stick bridge contest. We look forward to the continued support and attendance of our Branch members at these events.



Deven Matkowski
PEng, *Chair*

VANCOUVER BRANCH

The Vancouver Branch started the year by hosting a seminar on running a successful volunteer organization, presented by Anil Singh of Shealon Inc. We then reactivated an old Branch mission statement "to promote solidarity and well-being among engineers and geoscientists."

The statement galvanized our efforts to reach the many stakeholders within the engineering and geoscience community including students, members-in-training, consultants, professional practitioners, life members and the public. It also fostered a greater sense of purpose among our Executive to achieve a common goal.

To this end we began to increase our many annual undertakings such as tours, dinners, breakfast seminars, student nights, member-in-training nights, newsletters, Executive meetings and public events. Furthermore, to ensure year-to-year professionalism and consistency of each event, we developed a series of legacy manuals that covered step-by-step instructions for the effective execution of each event.

The result of this plan was outstanding. We had two sold-out tours and hosted our most successful dinner meeting in recent history with Transportation Minister Kevin Falcon, who

spoke to a sold-out crowd of nearly 200 members. We had several distinguished guests such as Don Bell, MP for North Vancouver, and Tim Smith PGeo, APEGBC Vice President.

We reached out to the public during National Engineering and Geoscience Week with the E-Fest exhibition at the Vancouver Public Library. It featured 20 exhibitors, over 6,500 public visitors and media coverage, including a letter from the Premier.

We enjoyed many more sold-out activities including breakfast meetings on networking, insurance, continuing professional development and practice reviews; tours of TRIUMF and City of Vancouver traffic control; and a student mixer at UBC's Cheeze Factory.

Special thanks to Ulf von Dehn PEng for hosting the Branch Executive meetings at his corporate office. We look forward to continuing this legacy for years to come with the new Branch Chair, Mike Wrinch PEng, at the helm.



Leonard Pianalto
PEng, *Chair*

BRANCHES

VANCOUVER ISLAND BRANCH

It has been a successful year for the Vancouver Island Branch. We have seen quite a few changes to the Executive as well as new interest and participation in Branch activities.

This year's dinner meetings were enjoyed by many and the turnout often reached venue capacity. The annual popsicle stick bridge building contest was more successful than ever with over 40 participants, including 28 in the under 12 category.

The annual golf tournament was attended by 48 golfers – congratulations to the triumphant golf team from AMEC. The tournament organizer, Ron Parker PEng, announced that the 2006 year will be his last. Thank you, Ron, for being such a tremendous contributor and APEGBC representative.

Thanks to the generosity of the Vancouver Island dinner golf tournament attendees, we were able to increase the APEGBC Vancouver Island Branch scholarship from \$500 to \$750. This was awarded to Tessa Quinn, who was attending Malaspina University-College and is currently enrolled in engineering at the University of Victoria. Congratulations, Tessa.

Phillip Parker PEng sat as Chair for the beginning of the year and, unfortunately for us, transferred to the Lower Mainland. Philip brought fresh ideas and enthusiasm to the Branch; I will endeavour to follow his lead and am honoured to do so.

Dave Flynn PEng is retiring as our Branch Treasurer; he has served in this role for a number of years. His interest, wisdom and knowledge of APEGBC have been an asset to us all. I certainly hope that Dave continues to participate in the Branch.

Thank you to all the area representatives and volunteers for such a great year. I invite any of you who would like to participate more in the Vancouver Island Branch to contact me at (250) 716-3336, or by email at dtunncliffe@mcelhaney.com. Cheers to another great year!



Darryl Tunncliffe
PEng, *Chair*

VICTORIA BRANCH

The Victoria Branch has had an exciting year. Our dinner meeting topics ranged from alternative energy and engineering temperament to emergency response. We attracted about 29 members to our September meeting, which featured earthquake assessment in Victoria. A presentation on continuing professional development had 80 attendees. It was our pleasure to have APEGBC President Dr Bob Ito PEng join us for our February dinner meeting.

In the past we have held our Richard Talbot Award presentation in February, but this year we noticed our dinner coincided with a study break. We have made a permanent change to hold a Student Night in March, where we will present the \$500 Talbot Award and hopefully continue to have a student presentation as well. The Richard Talbot Award went to Jason Wei this year. This year's student presentation featured Matt Burdyny and his colleagues, who discussed their automated underwater vehicle.

Once again our Branch supported the Vancouver Island Regional Science Fair held at UVic. The number of entrants was down this year from 100 to about 75, but we still found excellent projects and were able to present 20 Gold Awards. This year the Branch Chair attended the awards ceremony and

gave out our prizes. It was a rewarding experience for me personally; it demonstrated how much we value the efforts of these students and gave greater profile to APEGBC. It also meant a lot to the recipients, judging from the letters of thanks they sent.

During National Engineering and Geoscience Week we contributed to the awards for the spaghetti bridge contest held at Camosun College. We again supported the MathChallengers contest for high school students from grades 8 to 12; Jan Buermans PEng is to be commended for his stewardship of this initiative.

I would like to thank the 2005/2006 Branch Executive for all their generously volunteered time and effort. Thanks are due also to all the volunteers who have helped with numerous tasks throughout the year, like picture taking and helping with MathChallengers and the Talbot Awards. You have made my job easy and the year a wonderful success.



Sharlie Huffman PEng,
Chair

BRANCHES

WEST KOOTENAY BRANCH

Thanks to the efforts of many of our Branch members, this past year saw the West Kootenay Branch offer numerous opportunities to learn, network and have fun.

Our Branch AGM last November was interesting and well attended, featuring a presentation on the history of and cleanup effort at the US government's Hanford nuclear site in Washington State.

The West Kootenay Female Engineers and Geoscientists continued with their semiannual dinner evenings. Our third popsicle stick bridge building contest was a success, with 38 bridges tested to failure. The winning contestant was also the youngest: this 5-year-old's bridge was basically a simple gluelam beam that held 317 lbs! Many thanks to the East Kootenay Branch for their continued support through the loan of their test equipment.

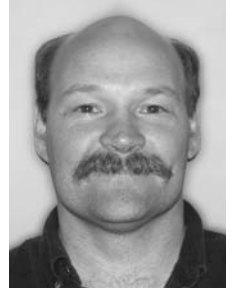
An invitation this spring to "anyone who has the slightest interest in engineering, geoscience or beer" attracted over 60 people to a joint East/West Kootenay Branch brewery tour, barbeque and APEGBC President's visit in Creston.

Thanks to APEGBC's professional development staff, several professional development opportunities were offered in

our area including Negotiation Skills, Plans and Priorities and the two-day course on Project Management: A Team Approach. We also hosted an evening seminar on "Nuts and Volts." Presented by two Branch members, this event was an informal two-part presentation on specifying threaded fasteners and a basic explanation of three-phase power. Additional formal professional development events are in the planning stages, as are more "homegrown" evening seminars.

Our second winery tour last fall was such a hit that we held another in September. Other plans include dam and mine tours and, if we're fortunate, a tour of yet another brewery in the not-too-distant future.

Once again, many thanks to the Branch Executive, APEGBC staff and especially our members for all their help and effort over the past year.



Mark Sirges PEng,
Chair