

Chair's Message
Bryan Brassington, P.Geo.

Dear DEP Member,

Happy New Year to you all. The DEP is excited to be starting another year and look forward to growing the division and serving our members. Included in this newsletter are the results of the recent member survey, the DEP's strategic plan for 2010 and a listing of upcoming professional development events. Thank you for taking the time to complete our recent member survey, we had an impressive 50% return rate on surveys and your input will help direct our activities over the coming year. Congratulations to Adrienne Gilbride, P.Eng. who will be taking home some VQA wine for taking part in the survey.

We thank you for your support of the DEP, and as always we encourage you to forward your comments and input on the division dep.apegbc@gmail.com. With your input, together we can work to strengthen the practices of environmental engineering and environmental geoscience in BC.

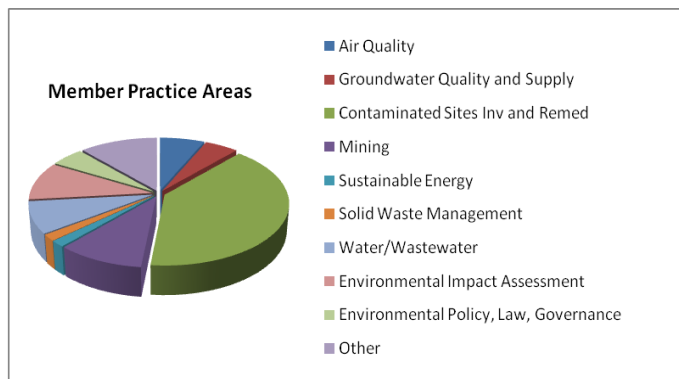
Regards,

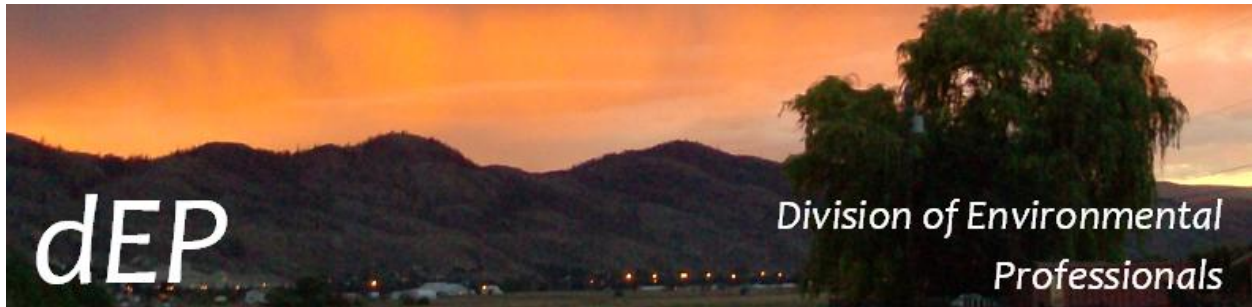
Bryan Brassington, P.Geo.

November 2009 Member Survey Results

The DEP executive wishes to thank all of those DEP members who participated in our recent survey. We were encouraged to have received 60 responses from our total membership of 120, which represents a 50% participation rate. **We are also pleased to announce that Adrienne Gilbride, P.Eng. of WorleyParsons Canada was randomly selected as the winner of the VQA B.C. wine prize.**

The DEP executive met on December 1, 2009 to discuss the results of the survey ([click here](#) for full survey results-), incorporate the findings into a list of priorities for 2010 and develop a plan of action to achieve our goals. A brief summary of the results of the survey and some of our initial responses are included below.





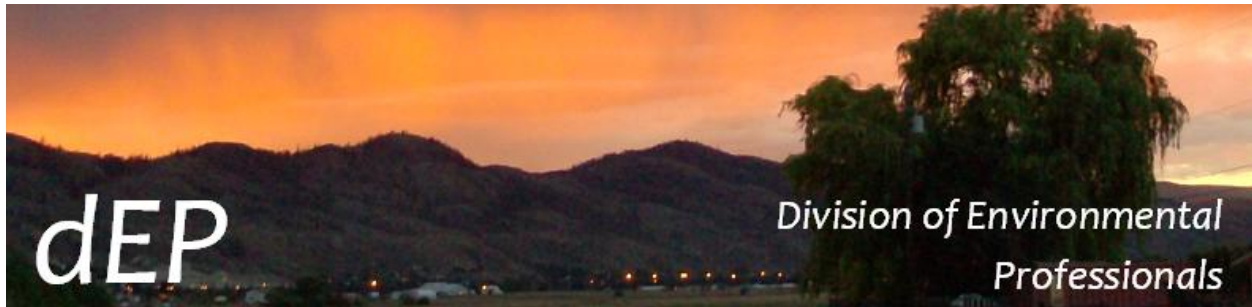
- Approximately 60% of the survey respondents became aware of the DEP through electronic media.
- 40% of the respondent's primary field of practice is Contaminated Sites Investigation and Remediation. The next largest groups were Mining, Environmental Impact Assessment and Water/Waste Water each with about 10%. We also have membership from air quality, groundwater quality and supply, sustainable energy, solid waste management, environmental policy, law and governance, and green buildings.
- In a select multiple options question, 75% of respondents indicated that DEP should focus its efforts on providing opportunities for professional development and networking while 40% supported the ideas of promoting environmental engineering and geoscience and the review and preparation of guidance documents. 27% believe we should act on issues impacting engineering and geoscience professionals.
- Most venues for professional development were supported however, the respondents indicated that organization of tours, networking events and half-day seminars were most popular with approximately 45% support each. Breakfast and lunch seminars, full day seminars and APEGBC Conference participation all received 25% support or greater.
- Only 58% of respondents were aware that DEP hosted a 1 day professional development stream at the 2009 APEGBC conference in Victoria and only 1 respondent (<2%) actually attended it. This is despite the fact that the average attendance for each of the speakers within the stream was quite good with usually 20 to 30 individuals present at any given time.
- 29% of respondents noted that they would be interested in volunteering with the DEP as an executive member or in some other capacity. If you are interested in volunteering please email us at dep.apegbc@gmail.com;

As a result of the survey findings, the DEP executive has decided to take the following actions (among others):

- We will work to set up a series of multi-disciplinary professional development and networking events, starting within the lower mainland but later expanding to other areas of the province if there is enough interest. Opportunities for hosting or co-hosting lunch seminars, tour events and half-day seminars will be explored.
- We will work to improve communication with our members and build our membership in numbers and diversity of fields. We were limited in this regard during 2009 as our newsletter editor volunteer position was vacant for much of the year and we also require a volunteer to assist with maintenance of our web page. If you are interested in volunteering please email us at dep.apegbc@gmail.com;
- We will work to increase our ties to other divisions and professional groups both internal and external to APEGBC.
- When confirmed by APEGBC (likely in January), we will set up and organize a DEP stream of professional development at the 2010 APEGBC Conference in Whistler.
- We will continue our work on the review and development of guidance documents as needs arise.

We hope to have a busy and productive year in 2010 and build on our early work to get the DEP off the ground and make it a relevant part of your professional practice. However, we can only succeed with the support and participation of our members. If you are interested in volunteering or have an issue or concern that may be of interest, please do not hesitate to contact us.

Thank you,
The DEP Executive



DEP Strategic Plan 2010

On December 1, 2009 the DEP executive met to discuss the division's Strategic Plan for 2010. The executive discussed previous strategic planning goals and accomplishments and decided to focus on the following four goals for the 2010 year:

- 1. Liaison with internal (APEGBC) and external groups:**
 - Create working relationships with APEGBC Staff, Divisions and Committees where environmental engineering and environmental geoscience issues or training may be of interest. Create relationships with external groups working in the environmental engineering and environmental geoscience fields.
- 2. Provide and promote professional development events and networking opportunities:**
 - For DEP members, APEGBC members and external professionals with interest in environmental engineering and environmental geosciences issues.
- 3. Creation and review of practice standards or guidance documents:**
 - We aim to provide comment on standards or guidance that impacts our membership and work to create new guidance or standards of practice for areas of the environmental fields where it is deemed to be lacking or is requested by APEGBC.
- 4. Find volunteers to join the DEP Executive and help us meet our goals.**

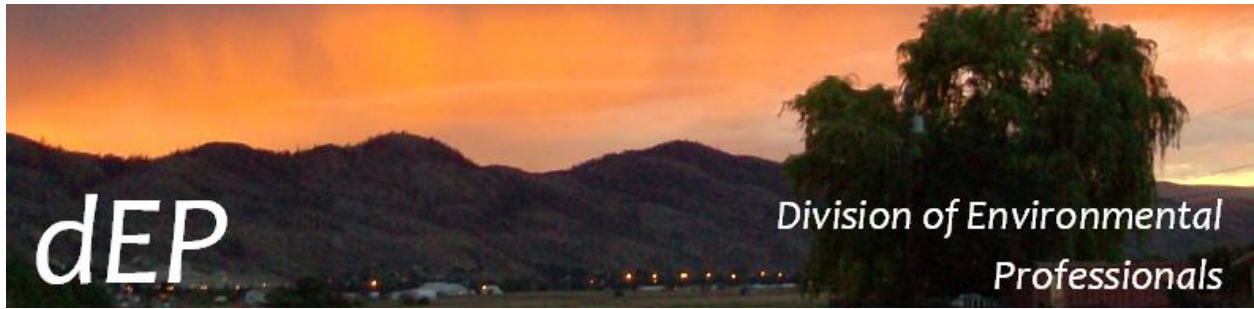
The DEP will meet soon to commence work on the goals above. If you would like more information on the strategic goals of DEP or would like to provide comment on these goals please contact dep.apegbc@gmail.com. If you would like to get involved in one of these goals please do not hesitate to contact us.

Recap of DEP Stream and Field Tour at the 2009 APEGBC AGM and Conference

The DEP provided a full day of professional development events focused on environmental engineering and environmental geosciences on Vancouver Island and co-organized a field tour of the Docksider Green sustainable development.

The following presentations were given:

- SECONDARY SEWAGE TREATMENT IN VICTORIA by Dwayne Kalynchuk PEng, Capital Regional District
- BROWNFIELD REDEVELOPMENT CERTIFICATION PROGRAM by Scott Bailey, Ministry of Agriculture and Lands;
- BAMBERTON REVITALIZATION PROJECT, MILL BAY, BC by Michelle Mahovlich PGeo, City of Langford;



- MILLSTREAM MEADOWS REMEDIATION PROJECT, DISTRICT OF HIGHLANDS, BC by Mary Anne Phillipone PGeo, Capital Regional District
- VICTORIA'S DOCKSIDE GREEN REMEDIATION by David Kettlewell PGeo, SNC-Lavalin Environment Inc.; and,
- MOUNT WASHINGTON MINE REMEDIATION TO HELP RESTORE FISH HABITAT IN THE TSOLUM RIVER by Alvin Tong EIT, SRK Consulting Inc.

Both the professional development seminars and the field tour of the Dockside Green sustainable development were well attended, and the DEP looks forward to organizing professional development events for next years meeting in Whistler, BC. If you have a project to present and are interested in a trip to Whistler in October 2010, please do not hesitate to contact us.

DEP Executive and Volunteers

The DEP Executive consists of a small but dedicated group of individuals:

Chair	Bryan Brassington, P.Geo., Golder Associates Ltd.
Vice Chair	Rob Marsland, M.Sc., P.Eng., Marsland Environmental Associates Ltd.
Treasurer	Paul Wilson, M.Sc., P.Geo., Eng. L., Thurber Engineering Ltd.
External Liaison	Vijay Kallur, M.Sc., P.Eng., SNC Lavalin Environment Inc..
Member-at-Large	Lesley Reid, M.Eng., P.Eng., Stantec
Secretary	Currently Vacant
Communications	Currently Vacant

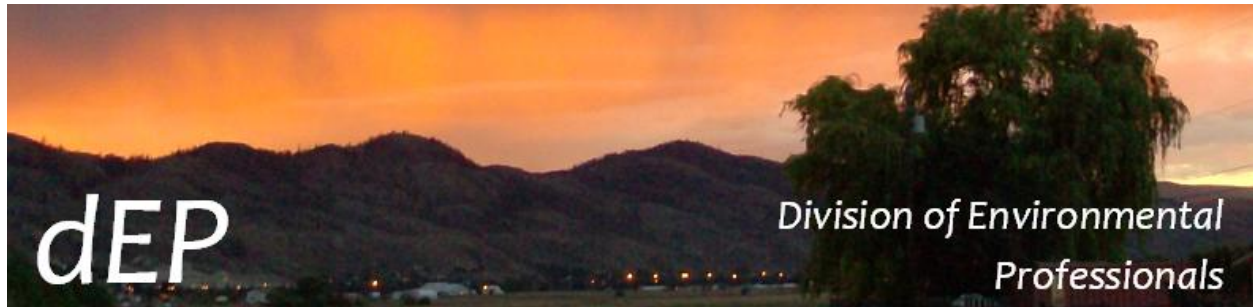


We would appreciate any feedback you want to provide on the DEP or issues related to practicing in the environmental fields. If you have been looking for a way to get involved in the APEGBC or working to strength the fields of environmental engineering and environmental geosciences, we would value your time and service. We are currently looking for a few more members to assist our executive as Members-at-Large. Your role would be to aid in the organization of member communications and assist in organizing DEP events.

To get involved please contact dep.apegbc@gmail.com.

Upcoming Environmental Events

Date	Location	Event Website Link
January 15, 2010	Victoria, BC	Hydraulic Network Modeling of Sanitary Sewer Collection Systems Seminar.



Date	Location	Event Website Link
January 22, 2010	Vancouver, BC	Hydraulic Network Modeling of Sanitary Sewer Collection Systems Seminar.
January 27, 2010	Victoria, BC	Integrated Large-Scale Geothermal Systems Seminar.
January 27, 2010	Vancouver, BC	Climate Change Effects on Hydrology and Water Resources Seminar.
January 28 - 29, 2010	Calgary, AB	6th Edition Western Canada Contaminated Sites.
February 2 - 3, 2010	Calgary, AB	7th Canadian Oil Sands Summit.
March 19, 2010	Vancouver, BC	Opportunities for Engineers in the Greenhouse Gas Market Seminar.
March 26, 2010	Vancouver, BC	Sustainable Energy: Approaches & Applications Seminar.
March 29, 2010	Vancouver, BC	Introduction to Solar Hot Water Systems for Engineers Seminar.
April 9, 2010	Surrey, BC	Integrated Large-Scale Geothermal Systems Seminar.
May 10-14, 2010	Calgary, AB	GeoCanada 2010.
June 8 - 10, 2010	Prince George, BC	Bio Energy & Renewable Energy Conference.

Call for Papers - GeoCalgary 2010 Abstracts Due January 16, 2010

A reminder that short abstracts of up to 400 words are due by January 16, 2010. All abstracts and papers must be submitted electronically using the easy-to-use Online Abstract Submission feature on the **GEO2010** web site at www.geo2010.ca/abstract-submission.php?lang=en. Corresponding authors will be notified regarding abstract acceptance by February 26, 2010. All technical papers must be submitted by May 3, 2010, accompanied by one full delegate registration.

