



## Structural Engineers Association of British Columbia

ANNUAL GENERAL MEETING  
Wednesday, March 13, 2019  
Business Agenda

1. Call to Order David Harvey
2. Acknowledgement of Sponsors David Harvey
3. Approval of Annual General Meeting Minutes, April 19, 2018 David Harvey
4. President's Report David Harvey
5. Approval of Financial Report for 2017 David Harvey
6. Committee Reports David Harvey
7. Membership David Harvey
8. Other Business David Harvey
9. Acclamation of Directors for 2018 David Harvey
  - Perry Adebar, Ph.D., P.Eng.*
  - Stanley Chan, P.Eng,*
  - Paul Fast, P.Eng., Struct.Eng.*
  - Tejas Goshalia, P.Eng., SE*
  - Adrian Gyax, P.Eng., Struct.Eng.*
  - David Harvey, P.Eng., Struct.Eng.*
  - Cameron Kemp, P.Eng.*
  - Kitty Leung, P.Eng., Struct.Eng.*
  - Surinder Parmar, P.Eng., PMP*
  - Kevin Riederer, P.Eng.*
  - Calvin Schmitke, P.Eng., Struct.Eng.*
  - Andrew Seeton, P.Eng.*
  - John Sherstobitoff, P.Eng.*
10. Adjournment of the Business Session

AGM to be followed by Annual Dinner.

**Keynote Presentation: "Light Weight Structures - Demystified"**

**Speaker: Prof. Dr. sc. techn. Mike Schlaich; Managing Director, Schlaich Bergmann Partner**

## Structural Engineers Association of British Columbia

# **Structural Engineers Association of British Columbia**

**ANNUAL DINNER**  
**Wednesday, March 13, 2019**  
Agenda



- |     |   |              |
|-----|---|--------------|
| 11. | <b>Welcome</b>  | David Harvey |
| 12. | <b>Acknowledgement of Sponsors</b>  | David Harvey |
| 13. | <b>Certificate Program</b>  | John Pao     |
| 14. | <b>Young Members Presentation Competition "So You Think You Can Give a Seminar"</b>   |              |
|     | <b>Winner: Giant Observation Wheel Design – the Vegas High Roller<br/>Brandon Sullivan, StructureCraft Builders Inc</b>                                   | David Harvey |
| 15. | <b>Keynote Presentation: Light Weight Structures - Demystified"</b><br>Prf. Dr. sc. Tech. Dr. Mike Schlaich, Managing Director, Schlaich Bergmann Partner | Paul Fast    |
| 16. | <b>Adjournment</b>  |              |

# **Structural Engineers Association of British Columbia**



# Structural Engineers Association of British Columbia

Annual General Meeting Minutes  
April 18, 2018

Time: 6:10 p.m.  
Venue: Sutton Place Hotel, 845 Burrard Street, Vancouver, B.C.  
Present: Past-President Cameron Kemp (Master of Ceremonies)  
President David Harvey  
Directors Stanley Chan, Paul Fast, Tejas Goshalia, Adrian Gygax, John Sherstobitoff  
Okanagan Branch Representative: Meagan Harvey  
Vancouver Island Branch Representative: Thor Tandy  
Webmaster: Stephen Pienaar  
SEABC members and guests  
Regrets: Directors Perry Adebar, Kian Karimi, Kitty Leung, Surinder Parmar, Kevin Riederer, Andrew Seeton  
Total Attendees: 86

## 1. Welcome

Cameron Kemp welcomed all members and guests to the Annual General Meeting of the SEABC. He thanked this year's AGM sponsors:

- COWI
- Glotman Simpson Consulting Engineers
- Gygax Engineering Associates Ltd
- Metrix Professional Insurance Brokers
- S-Frame Software
- Thomas Leung Structural Engineering Inc
- WoodWorks!

Dinner commenced.

## 2. Call to Order

The meeting started at 7:20 p.m.

## 3. 2017 AGM Minutes

Motion to adopt the minutes of March 1, 2017: Moved, seconded. Motion carried.

## 4. President's Report

Highlights of the President's Report for 2017, included in the package sent to all members:

- 2017 was another excellent year for the SEABC. Its membership is holding steady at almost 800 members with a roughly even demographic distribution. Its financial position also remains strong with a 2017 balance of approximately \$260,000.

- The website update continues. Phase 1, which has partial functionality but improved appearance and layout, has been launched. Outstanding work is expected to be completed by the end of 2018.
- SEABC maintains its close relationship with the Institution of Structural Engineers (IStructE) based in London, UK. Robert Jackson and David Harvey are the current SEABC representatives to IStructE.
- The Education Committee remains to be the most active committee with various events and seminars held last year.
- The Disaster Response Committee meets with APEGBC and local government agencies to improve disaster response readiness.
- The Structural Practice and Technical Committees continue to provide valuable input to and liaise with APEGBC and other organizations that SEABC interacts with.
- The Young Members Group remains very active with its various activities and seminars for our younger members.
- Vancouver Island and Okanagan Branches remain active with a number of events and seminars this past year.
- The 2017 IABSE Symposium was held in Vancouver in September 2017 and was an outstanding success.

#### 5. Financial Report: Year ending December 31, 2017

Motion to adopt the Financial Report: Moved, seconded. Motion carried.

#### 6. Committee Reports

Committee reports and branch activities were included in the package sent to all members. A copy of the package was made available at each table. Committee heads and representatives were present and available to respond to inquiries. Reports of the following were included in the AGM Package: Communications Committee; Education Committee; Structural Practice Committee; Technical Committee; Young Members Committee; Webmaster; Vancouver Island/Victoria Branch.

#### 7. Membership

The year closed with 767 members active members with a roughly even demographic distribution.

#### 8. IABSE Symposium 2017

The IABSE 2017 Symposium was held last September with outstanding success. It has been the largest activity undertaken by SEABC so far.

#### 9. Young Members Group Presentation Competition Awards

Amir Garekani, EIT from Ausenco, was the 2018 winner of the Young Members Presentation Competition, for his presentation "Seismic Upgrade of A Steel Moment Frame". Amir was unable to attend the event; he will be awarded with a cheque for \$1000 from SEABC.

#### 10. Certificate Program Awards

The Certificate Program Executive Committee, represented by Farshid Borjian, awarded the \$500.00 Mahmoud Rezaei Scholarships to the following outstanding students who have taken a minimum of 2 courses over 2 consecutive years, with the highest grade point average.

- Peter Verhoeven (Bush Bohlman & Partners)
- Thomas Pogorzelec (Bush Bohlman & Partners)
- David Hill (DB Engineering) .

#### 11. Other Business

Door prizes were given out.

#### 12. Acclamation of Directors for 2017

By acclamation, the following were elected to the SEABC 2017-2018 Board:

President: David Harvey, P.Eng. Struct.Eng.

Past President: Cameron Kemp, P.Eng.  
Treasurer: Surinder Parmar, P.Eng, PMP  
Directors:  
Perry Adebar, Ph.D., P.Eng.  
Stanley Chan  
Paul Fast, P.Eng., Struct.Eng.  
Tejas Goshalia, P.Eng., SE  
Adrian Gyax, P.Eng, Struct.Eng.  
Kitty Leung, P.Eng., Struct.Eng.  
Kevin Riederer, P.Eng.  
Andrew Seeton, P.Eng.  
John Sherstobitoff, P.Eng.

### 13. Adjournment of Business Session

Meeting adjourned at 8:02 p.m.

Paul Fast introduced the keynote speaker, James O'Callaghan, Director of Eckersley O' Callaghan, London, UK. His presentation was on "Crystal Clear Innovative Structures". David thanked James for his presentation and provided him with a gift to acknowledge his efforts on behalf of SEABC.

Minute Taker:

Cecilia Bernabe

SEABC Administrative Assistant

## President's Report

*After eleven years of representing BC's structural engineers SEABC continues to prosper.*

*2018 was an excellent year for SEABC. Membership is holding steady at over 800 members with a roughly even demographic distribution. Our financial position also remains strong with a 2017 balance of over \$500,000. This financial strength allows us to underwrite our many activities, including educational events and SEABC's website – the primary avenues for interaction with our members.*

*The following is a brief update on each of the main areas of activity within SEABC:*

- **Website update**

*We have finally launched the second phase of our website upgrade which has much improved appearance and layout. We are currently completing the outstanding work which is expected to be in place later this year.*

- **IStructE**

*SEABC maintains a close relationship with the London, UK based Institution of Structural Engineers (IStructE) representing structural engineers around the world. As Regional Group Chair, I have attended IStructE Council meetings. Congratulations to Paul Fast for winning the 2018 Sir Arnold Waters Medal and to Paul Fast and Derek Ratzlaff for winning the 2018 Sir Murray Buxton Award for their paper Design of the Grandview Heights Aquatic Centre, Surrey, Canada.*

- **Education Committee**

Our Education Committee remains our most active committee with a superb offering of courses and seminars. Major events were hosted last year in addition to a number of evening seminars (see the following Education Committee report). Most of our major events are recorded and many are webcast which allows online attendance if time and/or distance don't allow you to attend in person. The plans for the coming year include a similar number of events which we are sure you will find interesting and informative. Please scan our newsletters and visit our website for notices of these upcoming events.

- **Disaster Response Committee**

Starting up in 2014, the Disaster Response Committee was given the mandate of providing liaison and technical guidance to APEGBC as well as provincial and municipal organizations charged with improving our overall disaster response readiness. Since then this committee has been active attending several meetings and conferences aimed at improving our post-earthquake response systems and procedures. These meetings involve our Association, APEGBC, local and provincial government agencies as well as sister agencies in other jurisdictions such as California who are working on similar initiatives.

- **Structural Practice and Technical Committees**

Our Structural Practice and Technical Committees continue to provide valuable input to and liaison with EGBC and other organizations that the SEABC interacts with. These two committees have been quite active in the last year providing technical input to a number of bulletins issued by EGBC as well as providing professional practice input to other business-related issues within our own association and APEGBC.

- **Young Members Group**

Our Young Members Group (YMG) is a key success story for SEABC. The YMG is very active with many activities and seminars planned that are relevant to young (and older) engineers. We encourage our younger members to all join the YMG and to become involved in their activities.

- **Vancouver Island and Okanagan Branches**

Our Vancouver Island and Okanagan branches remain active with several events and seminars planned for this year. Thank you to Thor Tandy for continuing to chair the Vancouver Island Branch; as well as Meagan Harvey who chairs the Okanagan Branch, despite juggling her SEABC responsibilities with the challenges raising a young family.

- **2017 IABSE Conference**

By far and away the largest activity undertaken by SEABC, the 2017 IABSE (International Association for Bridge and Structural Engineering) Symposium was held in September 2017 in Vancouver. This major international structural engineering conference attracts both academics and practitioners and is held annually at a major centre. SEABC established a Local Organizing Committee to run the event chaired by Peter Taylor, Adam Lubell and Katrin Habel. In the event some 800 delegates attended, which comfortably exceeded expectations. The event was an outstanding success for which we thank the hard-working LOC members. This event and the work of the organizing committee is responsible for the significant increase in resources reported by SEABC in the 2018 financial statements.

In conclusion, I'm pleased to report that the SEABC is an active association providing relevant information and support to our members. A volunteer organization such as ours is only as good as our volunteers. I would like to thank the many volunteers that make up our Board, our Committees, as well as those that participate in our activities. Their efforts and your involvement continue to make the SEABC the dynamic, vibrant and relevant organization that it has become. As always, we welcome your suggestions as to how to make our association better.

**David Harvey, P.Eng., Struct.Eng.**  
**President, SEABC**

# Committee Reports

## 1. Communications Committee Report

*During 2018-19, the Communications Committee was very busy. Our activities included:*

- *Website development (see Webmaster's Report)*
- *Broadcast email notifications of events*
- *Four newsletters (May 2018, August 2018, November 2018 and February 2019)*
- *Membership support*
- *Responding to enquiries.*

*We continue to receive favourable comments about the refreshed website and our newsletter. In addition, our broadcast email service is proving to be popular with the membership.*

*The newsletter includes regular reports from the committee chairs outlining news of SEABC activities, but to enhance readability and interest relies heavily on articles contributed by the members. Thank you to all who send us interesting articles over the past year and for the strong support we receive. Please keep sending in your comments, as well as photographs and newsletter articles, so that we can continue to improve our products and keep you better informed.*

*The Communications Committee is also responsible for maintaining the membership list. We distribute membership renewal reminders, ensure that members can access their area of the website, and facilitate on-line event registration. Almost all of SEABC's members have provided us with an email address which greatly simplifies communication. We urge members to ensure that their contact information is up to date. To attend SEABC's excellent CPD events and access the recorded seminars on the web site, kindly also ensure that you renew your membership annually. Our on-line material is being continually expanded so that all our members can benefit from access to past events.*

**David Harvey, P.Eng., Struct.Eng.**  
**Chair, Communications Committee**

## 2. Education Committee Report

*Events brought to the stage by the Education Committee offer members the opportunity to stay connected with the industry, peers and the current engineering trends that are of vital importance to our community. We urge all fellow members to participate and seize on to this opportunity made available by SEABC.*

*A brief summary of events organized during the recent 2017-2018 calendar year is as follows:*

- *March 01, 2017: A Unique Structural Engineering Perspective by Sam Price, MA, FREng FICE FIStructE Hon, FRIBA – the founding member of Price & Myers in London, UK. Sam honored the AGM by sharing his apparent Simplicity and the curious-thoughtful-rigorous Practice of First Principles with which he has created sophisticated construction solutions integrating structural mechanics and architectural design with scientific knowledge and techniques from diverse fields including aerospace engineering, computer programming, and digital manufacture – a masterful expression of Art.*
- *April 06, 2017: Unshakled – Bold: History of High Rise Design in Seattle by Don Davies, SE, from Seattle, Washington. Don presented the bold evolutionary story with the thought processes, underlying risks and challenges that shaped the Seattle's Metropolitan Tract that still influences the high-rise design practice today.*
- *June 07, 2017: Design with HSS by Bradlee Fletcher, SE from Atlas Tubes. Bradlee presented an understanding that shape future trends with HSS. He shared the superior seismic and fatigue characteristics presented by new ASTM A1085 specification; unraveled the important features of HSS connection; and discussed the composite design, details and successful application of concrete-filled HSS tubes.*

- □ *Sept 19, 2017: Heritage Restoration & Seismic Upgrades of Christ Church Cathedral was cohosted together with Chartered Engineers Pacific. Members got the unique opportunity to learn, view and experience the structural engineering and construction that manifested the Cathedral's recent restoration and seismic upgrade. The seminar was presented by:*
  - *Mr. Ian Birtwell, Associate Warden for Restoration, Trustee*
  - *Ms. Meredith Anderson, MSCE, PEng, Struct.Eng., Sr Project Engineer, RJC*
  - *Mr. James Emery, M.Arch, AIBC, MRAIC, PEng, Prime Consultant, Iredale Architecture*
- □ *October 21, 2016: EGBC 2017 AGM Structural Stream in Whistler's BC coordinate by Tejas V. Goshalia, P.Eng., PE, SE. Structural topics included:*
  - *Walterdale Bridge Erection Procedures presented by: Mr. Dragan Majkic P.Eng., Allnorth Consultants Limited, Mr. Nigel Brown P.Eng., Allnorth Consultants Limited and Ms. Miriam Castrillo P.Eng., Acciona Pacer Joint Venture*
  - *Base Isolation Design for Strathcona Elementary School presented by Mr. John Sherstobitoff P.Eng., Ausenco Engineering Canada Inc.*
  - *Human Impact Forces On Structures: From Circus Performers To Window Washers presented by Mr. Leonard Pianalto P.Eng., FEC, Read Jones Christoffersen Ltd.*
  - *Engineering Large Mechanical Systems: Challenges, Strategies, and Solutions in Large Telescopes and Roller Coasters presented by Dr. Ye Zhou P.Eng., Dynamic Structures*
- □ *January 31, 2018: Wind-Related Issues in the Design of Tall Buildings by Jon Barratt, P. Eng. from RWDI provided a stimulating evening discussion of wind-related risks, prescriptive wind loading based on the 2012 BC Building Code, and the methodology and benefits of alternative modeling and analytical approaches for the derivation of wind loads – specifically wind tunnel testing. He summarized some key changes to wind and snow load provisions in the 2015 NBCC and shared his thoughts regarding how these changes are anticipated to impact projects in the Lower Mainland.*
- □ *March 16, 2018: Life Safety in the City: There Is More To Life Than Not Being Crushed by Dr. Lucy Jones, Ph. D. and Research Associate from the Seismological Lab at Caltech, Pasadena, California shared her experiences while developing and implementing the City of Los Angeles' Resilience by Design program - brought together by the earth science, earthquake engineering and public policy professions while working with hundreds of community organizations to get approval for sweeping seismic resilience legislation to address earthquake vulnerabilities.*

#### SUMMARY OF UPCOMING SEMINARS

C=CONFIRMED  
P=PROPOSED

C/P	DATE	CO-ORDINATOR	EVENT	PRESENTER(S)	TOPICS	LOCATION
C	February 13, 2019	YMG / Stanley Chan	Site Tour	Representatives from Fast+Epp	YMG Mountain Equipment Co-op Vancouver	MEC Construction Site 111 East 2 <sup>nd</sup> Avenue
C	February 19, 2019	Thor Tandy	Evening Seminar	Thor Tandy	Schedule 'S' Demystified	Comfort Inn, VICTORIA
C	February 20, 2019	YMG / Stanley Chan	YMG 8 <sup>th</sup> Annual Presentation Competition	TBA	Various	UBC Robson Square: HSBC Hall
P	February 27, 2019	Tejas Goshalia	Evening Seminar	Thor Tandy	Schedule 'S' Demystified	UBC Robson Square: HSBC Hall
C	March 13, 2019	Paul Fast	SEABC AGM 2019 Annual Dinner & Presentation	Mike Schlaich	TBD	Fairmont Pacific Rim: Emerald Ballroom
C	March 14, 2019	Tejas Goshalia	SEABC Pinnacle Series	Mike Schlaich	History of Structural Engineering... Leading to Future Trends	SFU Harbour Centre: Fletcher Challenge Theatre
P	April 24, 2019	Andrew Seeton	Evening Seminar	Charles Hanskat, Executive Director of American Shotcrete Association	Structural Aspects of Shotcrete	UBC Robson Square, C300
P	May 15, 2019	Tejas Goshalia	Evening Seminar	Solomon Tesfamariam, from UBC Okanagan	Case Study – Development of Ductility and Overstrength Factors for Concrete-Timber Hybrid Structure	UBC Robson Square, C300
C	October 2019	Meaghan Harvey	EGBC AGM-Structural Stream	TBD	TBD	Kelowna-Venue TBA

*Each event undertaken by the Education Committee would not have been successful without the continued selfless contributions of our committee members: Dr. Tony Yang, UBC Department of Civil Engineering; Kian Karimi, BCIT Department of Civil Engineering; Andrew Seeton, P.Eng., of Glotman Simpson; Mark Robertson, P.Eng., Struct. Eng., of Wicke Herfst Maver; Farshid Borjian, P.Eng. Struct.Eng. Executive Director Masonry Institute of BC, Valery Boyogueno, P.Eng., Sacre Davey, and Qusay Al-Chatti, EIT. As always, we extend our sincere thanks to Melanie Fung, our executive assistant for her unfailing attention to details AND to the many industry leaders for their support, contribution and inspiration.*

*Last but not the least, the Education Committee values membership comments and suggestions. We look forward to hearing from interested engineers to join our group and share opportunities for stimulating discussions and interactions with peers and industry leaders.*

*It has been a pleasure to have been given the opportunity to fulfill this position and I look forward to continuing my involvement with the Committee in the future.*

**Tejas V. Goshalia, P.Eng., P.E., S.E.**  
**Chair, Education Committee**

### **3. Structural Practice Committee Report**

*The primary responsibility of the Chair is to liaise with Peter Mitchell, Director, Professional Practise, at EGBC's office to discuss items of mutual interest. Another committee activity is to represent SEABC at monthly EGBC Consulting Practise Committee meetings. Kitty Leung attends these meetings and reports back to the SEABC Directors meetings.*

*A current issue in discussion with EGBC relates to complaints received by EGBC from members of the public with respect to poor quality structural drawings submitted for permitting purposes. SEABC is currently working with EGBC to develop guidelines for EGBC to publish. SEABC and EGBC are also currently working on practice guidelines in relation to design and construction of guards, retaining walls, industrial racking, demountable and event-related structures; and building inspections. SEABC is also commenting to EGBC on draft Model Building Bylaws by MIABC.*

*Former members of this committee will be contacted regarding their interest in remaining on this committee. Anyone else interested in participating is encouraged to contact the Chair of this committee or SEABC. Any member with an issue or concern regarding structural practice that they would like the committee to consider is encouraged to contact the Chair of this committee or SEABC.*

**John Sherstobitoff, P.Eng.,**  
**Chair, Structural Practice Committee**

### **4. Technical Committee Report**

*The SEABC Technical Committee is comprised of a number of Subcommittees and Task Groups. These groups are made up of many volunteers who make a significant contribution to the Association and the Profession. Their efforts are greatly appreciated.*

*In 2017/2018 the Practice Guideline for Designing Guards for Buildings was updated and made available for members of SEABC and Engineers and Geoscientists BC.*

*A task group has been assembled to prepare a Practice Guideline for Structural Condition Assessments of Existing Building. The group is nearing completion of the first draft of the document. In 2019, the document will be peer reviewed and reviewed with Engineers and Geoscientists BC before being published as an official Practice Guideline.*

*In 2019/2020 the SEABC Technical Committee, Subcommittees and Task Groups will continue to move the current initiatives forward as well as explore areas where a review of technical information concerning the practice of structural engineering in BC is warranted. The Technical Committee and the Board of Directors will continue to provide support to Engineers and Geoscientists BC when they are seeking SEABC input on a technical matter.*

*Anyone with interest in participating on a Technical Subcommittee is encouraged to contact SEABC. Any member with an issue or concern that they would like to have the Technical Committee consider is also encouraged to reach out to the committee.*

**Kevin Riederer, P.Eng., LEED AP**  
**Chair, Technical Committee**

## **5. Young Members Committee Report**

*The Young Members Group (YMG) Committee's mission is to promote the interest of our young members through initiatives in the areas of Professional Development, Networking, Registration Assistance, Communications, and Outreach. The YMG committee is supported by a team of passionate and like-minded young volunteers. The committee featured reoccurring YMG events with continued success, and launched several new initiatives for our young members.*

*The YMG 8th annual Young Engineer Presentation Competition in February 2019 featured five remarkable presentations by our young members. Since the inception of YMG's annual flagship event in 2012, the YMG has featured 40 young members' presentations.*

*In 2018, the YMG launched a new professional development and networking initiative known as the SEAQ (Structural Engineers Ask/Answer Questions). SEAQ is a monthly meet-up group for young members to come together to ask and answer each other questions in a non-judgmental and open environment. The event starts with a short informal presentation on an engineering topic of interest, followed by an opening discussion amongst the attended.*

*The YMG continues to put on project tours and networking events such as pub socials following seminars and tours. The YMG continues its efforts in community outreach by sponsoring a prize at the Greater Vancouver Regional Science Fair to encourage elementary and high-school students to study subjects related to the field of structural engineering. We also continue to seek partnership opportunity with other associations in community outreach initiatives.*

*The committee is also responsible for allocating funding from SEABC to UBC and BCIT to support student activities such as student design team, seminars, project tours, and industry nights. The YMG benefits from having student representatives from both UBC and BCIT serving on the YMG committee.*

*The YMG committees continues to grow in membership. Moving forward in 2019, we are thrilled to add two new roles to the YMG Committee, the YMG Okanagan and Vancouver Island YMG Representatives. The continued success of the YMG is only possible with the dedicated team of YMG volunteers who are committed to improve and expands YMG's service.*

**Stanley Chan, P.Eng.**  
**Chair, Young Members Group**

## 6. Webmaster's Report

The SEABC website continued to work for members in 2018. The Certificate in Structural Engineering Program adopted Class-Bit to manage registration and course content. Development work continues to extend back-end administration access to various volunteers organising SEABC events.

2018 in numbers

- The year closed with a total of 871 members.
- The Education Committee, Young Members Group, and IABSE 2017 team hosted an impressive total of 15 seminars, workshops and tours through the year. The Young Members Group also co-hosted several networking events with other industry groups.
- The SEABC Newsletter readership grew by 20% to 1,200 subscribers (granted, some are double-subscribed members with work and personal email addresses)
- We broadcast 74 announcements via 73,753 email messages.
- SEABC had over 200 followers on Twitter.
- We proudly hosted 82 listings in the Directory of Structural Engineering Firms.
- A total of six firms and individuals have contributed a photo of the month to the website.
- Our website hosted video recordings and/or course material for 43 archived seminars and workshops.

Staying in touch

- If your firm is not yet listed in the Directory of Structural Firms, you are missing out. Add your firm at [seabc.ca/corporate](http://seabc.ca/corporate).
- Promote your firm by showcasing project photos with the website Photo of the Month feature: [seabc.ca/pom](http://seabc.ca/pom)
- Members-only access to video recordings and seminar handouts is available at [seabc.ca/videos](http://seabc.ca/videos).
- Bookmark the SEABC home page for a quick glance at what is happening: [seabc.ca](http://seabc.ca).
- Follow us on Twitter: [twitter.com/SEABC](https://twitter.com/SEABC)

**Stephen Pienaar, P.Eng.**  
**Webmaster, SEABC**

## 7. Vancouver Island/Victoria Branch Report

**Mission:**

To provide a focal point for SEABC members on the Island to meet, discuss SEABC issues and to take benefit in the form of exchange of items of technical interest.

**2018 Branch Executive:**

Thor Tandy, Dan Weber, Dan Gao, Lee Rowley.

Inter-Branch Liaison as best we can: Meagan Harvey (Okanagan), Ralph Watts (North Island)

**Branch Demographic:**

- 1) Members in the local Victoria, Gulf Islands area.
- 2) A central Island group centred on the Nanaimo, Port Alberni area.
- 3) A small North Island group.

**Events in 20178**

While we did plan a couple of ambitious events, work etc. swallowed most of us so 2018 has not much to show, however, in the coming year we hope to get the three following events happening.

- 1) Rammed Earth: "Ancient art seeking technical rationalization".

2) *EOR and the Role of Schedule S-B & S-C: The use of these schedules still seems to be misunderstood. Planning to invite Engineers, Architects, and Building Officials.*

3) *Social event(s): We plan to make this happen so we look forward to feedback from the membership.*

**Participation:**

*We encourage members to submit comment to our executive on any matter that may concern or be of interest to structural engineers.*

**Thor Tandy, P.Eng., Struct.Eng.,  
Branch Chair**

## **8. Okanagan Branch Report**

*The Okanagan Branch continues to organize local activities and will be organizing the Structural Stream for the EGBC Annual Conference in Kelowna this October.*

**Meagan Harvey, P.Eng.  
Branch Chair**

# Financial Statements (unaudited)

## SEABC

### Comparative Balance Sheet

	<u>As at 12/31/2018</u>	<u>As at 12/31/2017</u>
<b>ASSET</b>		
Current Assets		
Royal Bank 108 795 6	531,674.78	78,693.71
RBC 108 980 4	12,931.90	4,000.00
Petty Cash	87.50	56.58
Total Cash	<u>544,694.18</u>	<u>82,750.29</u>
Investments GIC # 1	0.00	77,083.63
Investments GIC # 2	0.00	110,852.59
Total Investments	<u>0.00</u>	<u>187,936.22</u>
Due from IABSE Conference OC	0.00	10,021.50
Total Receivable	<u>0.00</u>	<u>10,021.50</u>
Total Current Assets	<u>544,694.18</u>	<u>280,708.01</u>
<b>TOTAL ASSET</b>	<b><u>544,694.18</u></b>	<b><u>280,708.01</u></b>
<b>LIABILITY</b>		
Current Liabilities		
Owe to IABSE	20,000.00	0.00
Accrued Liabilities	2,050.00	1,930.00
Unearned Revenue	3,213.00	25,427.70
HST/GST Payable	-16,186.00	-12,929.00
HST/GST Charged on Revenue	4,775.05	4,465.60
HST/GST Paid on Purchases	-1,696.52	-1,217.76
HST/GST Owing (Refund)	<u>3,078.53</u>	<u>3,247.84</u>
Total Current liabilities	<u>12,155.53</u>	<u>17,676.54</u>
<b>TOTAL LIABILITY</b>	<b><u>12,155.53</u></b>	<b><u>17,676.54</u></b>
<b>EQUITY</b>		
Equity Contributions		
DSE-Contributions	38,759.68	38,759.68
VSEGS Contributions	42,551.55	42,551.55
SEABC Contributions	19,000.00	19,000.00
IABSE-Contributions	244,536.05	0.00
Total Equity Contributions	<u>344,847.28</u>	<u>100,311.23</u>
Owners Equity		
Surplus Contributions	162,720.24	127,886.34
Current Earnings	24,971.13	34,833.90
Total Owners Equity	<u>187,691.37</u>	<u>162,720.24</u>
<b>TOTAL EQUITY</b>	<b><u>532,538.65</u></b>	<b><u>263,031.47</u></b>
<b>LIABILITIES AND EQUITY</b>	<b><u>544,694.18</u></b>	<b><u>280,708.01</u></b>

**Surinder Parmar, P. Eng., Treasurer**

**SEABC**  
Comparative Income Statement

**Financial Statements (unaudited)**

	<b>Actual</b>	<b>Actual</b>
	01/01/2018 to	01/01/2017 to
	<b>12/31/2018</b>	<b>12/31/2017</b>
<b>REVENUE</b>		
Revenue		
Individual Member Dues	95,500.83	51,957.30
Interest revenue	1,540.43	987.02
AGM attendance fees	0.00	4,575.50
AGM sponsorship	0.00	500.00
<b>Total Revenue</b>	<b>97,041.26</b>	<b>58,019.82</b>
Special Events Revenue		
Special event registrations	-10,340.34	32,279.04
<b>Total Special Events Revenue</b>	<b>-10,340.34</b>	<b>32,279.04</b>
<b>TOTAL REVENUE</b>	<b>86,700.92</b>	<b>90,298.86</b>
<b>EXPENSE</b>		
General and Administration		
Administrative secretary	3,044.00	8,612.00
Registrar	2,520.00	0.00
Office expenses	0.00	167.29
Cost of dues collection	0.00	1,576.65
Bank charges	153.54	145.40
Non-deductible penalties & interest	39.29	364.74
Board meeting expenses	825.04	2,366.42
AGM expenses	21,091.50	14,087.24
Accounting/legal	3,982.28	4,850.70
Miscellaneous	69.08	63.01
<b>Total General and Administration</b>	<b>31,724.73</b>	<b>32,233.45</b>
Education		
Secretarial & Event Planner	980.59	0.00
Jim Warne Award 16-17-18	1,000.00	1,000.00
Student and other sponsorships	0.00	1,000.00
BCIT SCSE Student Chapter	6,200.00	0.00
UBC CSCE	3,000.00	0.00
Seminar venue and catering	850.00	0.00
Speaker expenses	150.00	407.32
Webcasting	2,372.50	550.00
Sponsorship to CAEE	0.00	1,500.00
<b>Total Education</b>	<b>14,553.09</b>	<b>4,457.32</b>
Structural Practice		
WCSEA dues	856.19	0.00
Committee travel and expenses	2,068.66	0.00
<b>Total Structural Practice</b>	<b>2,924.85</b>	<b>0.00</b>
Communications and member se...		
Newsletter	4,440.00	4,880.00
Website maintenance	651.73	10,000.00
YMG meeting expense	722.95	602.71
Professional Development	1,660.06	0.00
Social networking	912.04	596.16
Outreach	130.95	900.00
Engineering Competition	1,308.15	1,251.95
<b>Total communications &amp; member...</b>	<b>9,825.88</b>	<b>18,230.82</b>
Corporate affairs		
Books	848.43	0.00
<b>Total Corporate Affairs</b>	<b>848.43</b>	<b>0.00</b>
Chapters		

**SEABC**

## Comparative Income Statement

**Financial Statements (unaudited)**

	<b>Actual</b>	
	01/01/2018 to 12/31/2018	Actual 01/01/2017 to 12/31/2017
South Island chapter expenses	109.83	543.37
Total Chapter Expenses	<u>109.83</u>	<u>543.37</u>
Special Events		
Event venue and catering	21.69	0.00
SEABC-IABSE Conference OC	1,721.29	0.00
Total Special Events	<u>1,742.98</u>	<u>0.00</u>
<b>TOTAL EXPENSE</b>	<b><u>61,729.79</u></b>	<b><u>55,464.96</u></b>
<b>NET INCOME</b>	<b><u>24,971.13</u></b>	<b><u>34,833.90</u></b>

**Surinder Parmar, P. Eng., Treasurer**