



# Structural Engineers Association of British Columbia

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## ANNUAL GENERAL MEETING

Monday, March 8, 2021, 5:30 p.m.  
Electronic Meeting

### BUSINESS AGENDA

1. Call to Order David Harvey
2. Acknowledgement of Sponsors David Harvey
3. Approval of Annual General Meeting Minutes, March 11, 2020 David Harvey
4. President's Report David Harvey
5. Approval of Financial Report for 2020 David Harvey
6. Committee Reports David Harvey
7. Membership David Harvey
8. Other Business David Harvey
9. Acclamation of Directors for 2021 David Harvey  
Perry Adebar, Ph.D., P.Eng.  
Robert Bourdages, P.Eng., SE  
Stanley Chan, P.Eng,  
Paul Fast, P.Eng., Struct.Eng.  
Tejas Goshalia, P.Eng., SE  
Adrian Gygax, 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.  
Ralph Watts, P.Eng.
10. Young Members Presentation Competition David Harvey  
Winner: TBD
11. Adjournment of the Business Session

AGM to be followed by Annual Meeting – Wednesday March 10, 2021 – 5.30 pm.

**Keynote Presentation: "Engineering and Human Factors in Forensic Analysis"**

**Speaker: Don Kennedy, Associated Engineering**



# Structural Engineers Association of British Columbia

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## ANNUAL MEETING

Wednesday, March 10, 2021, 5:30 p.m.  
Electronic Meeting

### AGENDA

- |    |   |              |
|----|---|--------------|
|    | Welcome   | David Harvey |
| 1. | Certificate Program   |              |
| 2. | SEABC Legacy Awards   | Adrian Gyax  |
|    | 2.1. Peter R Taylor Grant   | Peter Taylor |
| 3. | Keynote Presentation:<br>"Engineering and Human Factors in Forensic Analysis"<br>Don Kennedy, Vice-President, Transportation Structures, Associated Engineering | David Harvey |
| 4. | Adjournment of the Business Session   |              |



# Structural Engineers Association of British Columbia

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## ANNUAL GENERAL MEETING MINUTES Wednesday, March 11, 2020

**Time:** 4:45 p.m.  
**Venue:** Sutton Place Hotel, 845 Burrard Street, Vancouver  
**Present:** **President** David Harvey  
**Directors** Perry Adebar, Kevin Riederer, Calvin Schmitke, Andrew Seeton  
**SEABC members**

**Regrets** **Directors** Stanley Chan, Paul Fast, Tejas Goshalia, Adrian Gygax, Cameron Kemp, Kitty Leung, Surinder Parmar, John Sherstobitoff

**Total Attendees:** 12

### 1. Call to Order

David Harvey welcomed all members and guests to the Annual General Meeting of the SEABC. He noted that a quorum was present. This year the 2020 the AGM is taking place ahead of the Annual Dinner to provide more time for the Keynote Presentation.

The meeting started at 4:50 p.m.

### 2. 2019 AGM Minutes

Motion to adopt the minutes of March 13, 2019: Moved, seconded. Motion carried.

### 3. President's Report

Highlights of the President's Report for 2019, included in the package sent to all members:

- 2019 was another excellent year for the SEABC. Its membership is holding steady and ended 2019 with 875 members. Its financial position also remains strong with a closing balance of over \$500,000.
- The Board has creating an investment account to generate funding for new programs.
- SEABC maintains its close relationship with the Institution of Structural Engineers (IStructE) based in London, UK.
- The President overviewed the previously circulated committee reports of the Webmaster, the Education Committee, the Disaster Response Committee, the Structural Practice Committee, the Technical Committee, the Young Members Group, and the Vancouver Island Branch. He noted that the Okanagan Branch is also actively organizing local events.

### 4. Approval of Financial Report for 2019

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

## 5. Committee Reports

Committee reports, and branch activities were included in the package sent to all members – copies of the package were also available at the meeting. The following reports were included in the AGM Package: Communications Committee; Education Committee; Structural Practice Committee; Technical Committee; Young Members Committee; Webmaster; Vancouver Island/Victoria Branch.

## 6. Membership

The year closed with 875 members active members with a roughly even demographic distribution.

## 7. Other Business

Rob Wills encouraged SEABC members to contribute to the public review of the National Building Code of Canada changes which closes on March 13, 2020. Rob especially encouraged members to comment on the draft Part 9 and building wall provisions.

## 8. Acclamation of Directors for 2020

By acclamation, the following were elected to the SEABC Board for the 2020-2021 session:

**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.

Robert Bourdages, P.Eng.

Stanley Chan, P.Eng,

Paul Fast, P.Eng., Struct.Eng.

Tejas Goshalia, P.Eng., SE

Adrian Gygax, P.Eng., Struct.Eng.

Kitty Leung, P.Eng., Struct.Eng.

Kevin Riederer, P.Eng.

Calvin Schmitke, P.Eng., Struct.Eng.

Andrew Seeton, P.Eng.

John Sherstobitoff, P.Eng

## 9. Adjournment of Business Session

Meeting adjourned at 5:05 p.m.

AGM was followed by Annual Dinner.

Keynote Presentation: *You Can See the FUTURE Standing on Top of a Tall Building! (Well, Almost).*

Speaker: Ron Klemencic, P.E., S.E., Hon AIA, Chairman and CEO of Magnusson Klemencic Associates (MKA)

Minute Taker:

David Harvey, P.Eng. Struct.Eng.

SEABC President



# Structural Engineers Association of British Columbia

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## REPORTS

### President's Report

After 13 years of representing BC's structural engineers, SEABC continues to prosper.

As for everyone, 2020 was a challenging year for SEABC. Fortunately, much of our Association business is conducted remotely and was not greatly affected by the physical distancing requirements which were brought in to combat the pandemic. Changes were implemented for the monthly meetings of the Board of Directors and educational events which were adjusted as required and became virtual activities. The SEABC courses also moved to on-line participation only. As a result of these timely moves and the strong support of all involved, SEABC was able to continue operations throughout the year.

Membership is holding steady at over 800 members with a roughly even demographic distribution. Our financial position also remains strong with a healthy 2018 balance. In spite of a turbulent year, SEABC's investment account stands at over \$450,000. 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. We are also introducing the Legacy Awards program starting in 2021.

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

- **Website update**

The second phase of our website upgrade is fully operational. There is still some outstanding work to implement which will streamline management of the site. The SEABC Webmaster plans to bring in assistance with day-to-day site operation in early 2021.

- **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 attended IStructE Council briefing and AGM in July, which were held as virtual events.

- **Education Committee**

Our Education Committee remains our most active committee with a superb offering of courses and seminars. A number of evening seminars were hosted last year (see the following Education Committee report). Most of our events are recorded and which allows online attendance if time and/or distance don't allow attendance 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 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 active in the last year providing technical input to bulletins issued by EGBC as well as providing professional practice input to other business-related issues within our own association and EGBC.

- **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. In-person events and seminars have been impacted by the pandemic restrictions and will not be re-implemented until later this year. In the meantime, branch members are encouraged to participate in on-line SEABC events. 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.

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 2020, the Communications Committee was busy. Our activities included:

- Website development (see Webmaster's Report)
- Broadcast email notifications of events
- Four newsletters (February 2020, May 2020, August 2020 and November 2020)
- Membership support
- Responding to enquiries.

We continue to receive favourable comments about the 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 us 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

With the hopeful signs that the pandemic will eventually wither off this year, the Education Committee is looking forward to exciting new events and seminars for 2021. This year we expect more discussions on performance based design for structures – not only from strength and ductility point of view but also from sustainability and resiliency point of view. Together with new vigor that gets enthused with adoption of new Codes (NBC 2020 expected this year), we stay astute to recognize progress in the buildings and bridge industry and learn from lessons from around the world. We urge all fellow members to participate and seize on opportunity made available by your SEABC.

A brief summary of events organized during the recent 2020-2021 calendar year are as follows:

- **January 20, 2020: Developing High-Performance Structural Systems for Seismic Applications** by **Prof. Tony Yang**, Ph.D., P.Eng – Professor at UBC Vancouver. Tony shared with the developments and merits of a novel design procedure named Equivalent Energy-based Design Procedure (EEDP) for fused structures in earthquake applications that allows practicing engineers to select their structure’s performance objectives at different levels of seismic shaking intensities.
- **February 26, 2020: Structural Design of the Gerber Girder Cantilever System and Updates in CSA S16-19** by **Andy Metten**, P.Eng., P.Eng., Struct.Eng., Partner at Bush, Bohlman & Partners LLP. Andy presented to members in Victoria and Kelowna, the simple ways of looking at and addressing stability issues in Gerber roof systems and how these are now being included in the S16-19 provisions. Andy also reviewed other notable updates contained in the recently-released CSA S16-19 steel standard.
- **March 11, 2020: You can see the FUTURE standing on top of a tall building! (Well, almost)** by **Ron Klemencic**, P.E., S.E., Hon AIA, Chairman and CEO of Magnusson Klemencic Associates (MKA). Ron presented bold evolutionary stories that have shaped the design and construction of tall towers with new thinking and ground-breaking ways of adapting new materials, engineering methods, and construction techniques – thereby inspiring to shape design practice of today and the future tomorrow.
- **September 23, 2020: Engineering Jeddah Tower** by **Robert C. Sinn**, SE, Principal at Thornton Tomasetti in Chicago. This was a joint online seminar presentation in partnership with the IStructE Ontario Regional Group. Robert’s talk focused on the development of the Jeddah tower’s structural system including historical precedents, the wind tunnel testing program, construction planning and other unique aspects of the 1000+ meter tall Kingdom Tower in Jeddah, Saudi Arabia - currently well under way with piling and raft foundation complete and superstructure concrete reached 260 meters in height.
- **October 22, 2020: EGBC AGM Structural Stream** coordinate by SEABC included following topics:
  - Rehabilitation of Westham Island Bridge and Alexandra Bridge presented by Dr. Jason Dowling, P.Eng. and Arman Shahnaz, P.Eng., respectively.
  - Case Studies of Infrastructure Monitoring Using Unmanned Aerial Vehicles (UAVs) by Dr. Rishi Gupta, P.Eng.
  - Prioritized Post-Earthquake Response by Dr. Martin Turek, P.Eng
  - Heritage Structures: opportunities and Challenges by Dennis Gam, P.Eng., Donald Luxton, and Judith Mosley.
- **January 20, 2021: Embodied Carbon for Structural Engineers** by **Michael Gryniuk**, MSc, PE, LeMessurier Boston, MA, Lauren Wingo, MSc, PE, LEED GA, Arup Washington, DC, Dirk Kestner, MSE, PE, LEED AP BD+C, Walter P. Moore. This was a joint webinar by SEABC and Carbon Leadership Forum (CLF) Vancouver. The speakers highlighted with example projects how



structural engineers are reducing embodied carbon from their structural designs and discussed how the industry is taking steps to address embodied carbon through the SE 2050 Commitment. The case studies and design strategies presented in the evening seminar are a highly recommended review.

Each of the above events undertaken by the Education Committee would not have been successful without the continued selfless contributions of our committee members: **Dr. Carlos Molina-Hutt**, UBC Department of Civil Engineering, **Dr. Tony Yang**, UBC Department of Civil Engineering; **Andrew Seeton**, P.Eng., M.A.Sc. Aspect Structural Engineers; **Mark Robertson**, P.Eng., Struct. Eng., of Wicke Herfst Maver; **Jose Centeno**, P.Eng. of Glotman Simpson; **Arman Shahnaz**, M.Eng., P.Eng., P.E., of Mott Macdonald, **Farshid Borjian**, M.A.Sc., P.Eng., PE., C.Eng., MIStructE., Struct.Eng. **Raya Smertina**, P.Eng. of Hatch, **Thor Tandy**, P. Eng, Struct. Eng UNISOL Engineering Ltd and Chair of the Victoria Island Chapter and **Meagan Harvey**, P. Eng. of Mercury Consulting Inc Chair of the Okanagan Chapter. As always, we extend our sincere thanks to **Melanie Fung**, our executive assistant for her unfailing attention to details, to **Stephen Pienaar**, P.Eng., our very supportive webmaster 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.

2020 was a quiet year for the Technical Committee and its sub-committees. The most significant accomplishment for the year was the recent publication of the “Practice Guideline for Structural Condition Assessments of Existing Buildings”, which was recently posted on the Engineers and Geoscientists BC website and is now available for all members.

In 2021 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 or Task Group 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 served by a team of passionate and dedicated young volunteers. Despite the Covid impact, the YMG committee continues to deliver YMG events throughout this unprecedented year.

The YMG 10th annual Young Engineer Presentation Competition in February 2021 featured four outstanding presentations by our young members in a new online format. Since the inception of YMG’s annual flagship event in 2012, the YMG has featured 49 young members’ presentations. The

YMG continues to put on project tours and seminars, with most delivered virtually. The YMG continues to partner with young professional group of other associations in hosting events for professional development and networking opportunities.

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 (many of which has taken virtually). The YMG benefits from the student perspectives from both UBC and BCIT student representatives on the YMG committee.

The YMG committee continues to grow and works closely with our Okanagan and Vancouver Island YMG Representatives. The YMG's programs and service to our young members is only possible with the dedication and commitment of YMG committee volunteers.

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

## **6. Webmaster's Report**

2020 in numbers:

- The year closed with a total of 697 members (down from 875 a year before).
- The Education Committee, Young Members Group and Okanagan Branches hosted 13 seminars, workshops, tours and sessions through the year. The Young Members Group co-hosted several networking events with other industry groups.
- The SEABC Newsletter had 1,090 subscribers. (The number is slightly inflated by members that are subscribed with both work and personal email addresses.)
- The Directory of Structural Engineering Firms grew by 25% to 99 listings. (The 100th listing was added in January.)
- Our website hosted video recordings and slides for 41 archived seminars and workshops.
- We broadcast 67 announcements via 74,250 email messages.
- SEABC had over 220 followers on Twitter.
- The most popular Google search term that had over 1,100 clicks through to the SEABC website was "SEABC courses". (People seem to prefer using Google rather than bookmark web pages.) Tied in a distant second place with about 110 clicks each were "structural engineer" and "structural engineer Vancouver". (This confirms that structural engineering services are in demand.)

Staying in touch:

- Members-only access to video recordings and seminar handouts is available at [seabc.ca/videos](http://seabc.ca/videos).
- 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)

- 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.

### **2020 Branch Executive:**

Thor Tandy	<a href="mailto:vicpeng@telus.net">vicpeng@telus.net</a>
Dan Gao	<a href="mailto:dgao@rjc.ca">dgao@rjc.ca</a>
Stephen Pienaar	<a href="mailto:stephen@pienaar.ca">stephen@pienaar.ca</a>
James Macauley	<a href="mailto:jmacauley@glotmansimpson.com">jmacauley@glotmansimpson.com</a>
Dan Weber	<a href="mailto:DWeber@rjc.ca">DWeber@rjc.ca</a>

### **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 2020:**

We achieved an event! We were able to share in webinar on the “Impacts of Long Duration Earthquakes on the Georgia Strait Sedimentary Soils”.

### **Miscellaneous Items:**

1. Branch Webpage: The Branch now has a web link on the SEABC website. We are working to populate it with ideas, puzzles and similar. Please contribute.
2. Executive Meetings: We meet every three months or so. Please contact an exec member if you would like to join us.

### **Proposed Events:**

1. Events previously proposed have been put back on the shelf for the time being.
2. Proposed social event(s):
  - COVID 19 has put a damper on these events for now but ...
  - Q&A events where networking and workshop/presentation of code issues and associated engineering procedures.
  - Events that will attract young members: follow up to intake numbers rising at both Camosun College and UVic.

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

## **8. Okanagan Branch Report**

The Okanagan Branch will continue to look after SEABC members interests in the Okanagan area. In-person branch activities will recommence once the current pandemic restrictions are lifted.

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

## 2020 FINANCIAL STATEMENTS (UNAUDITED)

### SEABC

Comparative Balance Sheet

	As at 12/31/2020		As at 12/31/2019
<b>ASSET</b>			
Current Assets			
Royal Bank 108 795 6	105,943.60		74,588.75
RBC 108 980 4	18,069.07		16,279.33
Petty Cash	31.38		93.58
Total Cash		124,044.05	90,961.66
RBC CAN 370- 81503-1-7	268,003.56		268,671.50
RBC U.S. Dollar 370-81503-1-7	143,601.87		145,279.22
RBC US \$ exchange 370-81503-1-7	39,232.03		43,409.43
Total Investments		450,837.46	457,360.15
Total Current Assets		574,881.51	548,321.81
<b>TOTAL ASSET</b>		<b>574,881.51</b>	<b>548,321.81</b>
<b>LIABILITY</b>			
Current Liabilities			
Owe to IABSE		20,296.38	20,296.38
Accrued Liabilities		2,050.00	2,050.00
Unearned Revenue		24,877.57	22,600.22
HST/GST Payable		-5,320.00	-6,143.18
HST/GST Charged on Revenue	4,204.60		3,270.23
HST/GST Paid on Purchases	-1,174.36		-2,961.01
HST/GST Owing (Refund)		3,030.24	309.22
Total Current liabilities		44,934.19	39,112.64
<b>TOTAL LIABILITY</b>		<b>44,934.19</b>	<b>39,112.64</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	244,536.05
Total Equity Contributions		344,847.28	344,847.28
Owners Equity			
Surplus Contributions		164,361.89	187,691.37
Current Earnings		20,738.15	-23,329.48
Total Owners Equity		185,100.04	164,361.89
<b>TOTAL EQUITY</b>		<b>529,947.32</b>	<b>509,209.17</b>
<b>LIABILITIES AND EQUITY</b>		<b>574,881.51</b>	<b>548,321.81</b>

# SEABC

## Comparative Income Statement

	Actual 01/01/2020 to 12/31/2020	Actual 01/01/2019 to 12/31/2019
<b>REVENUE</b>		
<b>Revenue</b>		
Individual Member Dues	82,225.26	64,151.39
Interest revenue	9.30	430.35
Capital gain/Loss	-2,176.72	7,029.14
Capital gain/Loss US\$	-10,018.89	0.00
Dividends CAN \$	9,499.77	2,219.58
Non-Res-Tax withheld	-1,058.22	-870.54
Foreign exchange	-4,484.05	-4,935.76
Managment fees-Investment	-7,580.30	-6,313.84
Foreign income	9,102.81	10,254.67
AGM attendance fees	1,867.38	1,252.38
Other Income from MF	0.00	292.60
Miscellaneous revenue	-57.09	0.00
<b>Total Revenue</b>	<u>77,329.25</u>	<u>73,509.97</u>
<b>TOTAL REVENUE</b>	<u>77,329.25</u>	<u>73,509.97</u>
<b>EXPENSE</b>		
<b>General and Administration</b>		
Administrative secretary	5,525.00	5,070.00
Registrar	1,395.00	900.00
Office expenses	0.00	358.72
Bank charges	171.34	160.83
Board meeting expenses	393.85	1,585.88
AGM expenses	14,279.42	25,382.10
Accounting/legal	5,805.00	16,234.58
Miscellaneous	6,554.81	1,500.00
<b>Total General and Administration</b>	<u>34,124.42</u>	<u>51,192.11</u>
<b>Education</b>		
Secretarial & Event Planner	0.00	870.00
Jim Warne Award 16-17-18	0.00	1,000.00
BCIT CSCE Student Chapter	3,000.00	2,500.00
UBC CSCE	3,000.00	3,000.00
Seminar venue and catering	2,894.18	5,599.00
Speaker expenses	1,645.71	245.66
Webcasting	770.00	2,802.75
<b>Total Education</b>	<u>11,309.89</u>	<u>16,017.41</u>
<b>Structural Practice</b>		
Committee travel and expenses	0.00	3,441.02
Miscellaneous	0.00	1,370.60
<b>Total Structural Practice</b>	<u>0.00</u>	<u>4,811.62</u>
<b>Communications and member services</b>		
Newsletter	4,560.00	4,720.00
Website maintenance	821.28	604.81
YMG meeting expense	143.70	121.09
Professional Development	1,241.60	1,038.69
Social networking	0.00	768.11
Outreach	75.00	250.00
Engineering Competition	2,053.90	1,275.15
Miscellaneous Expenses	61.31	0.00
<b>Total communications &amp; member svcs</b>	<u>8,956.79</u>	<u>8,777.85</u>
<b>Corporate affairs</b>		
Books	0.00	1,147.07
Miscellaneous Expenses	2,000.00	0.00
<b>Total Corporate Affairs</b>	<u>2,000.00</u>	<u>1,147.07</u>

# SEABC

## Comparative Income Statement

	Actual 01/01/2020 to 12/31/2020	Actual 01/01/2019 to 12/31/2019
Chapters		
South Island chapter expenses	200.00	2,602.73
Okanagan chapter expenses	0.00	3,937.97
Total Chapter Expenses	<u>200.00</u>	<u>6,540.70</u>
Special Events		
Event venue and catering	0.00	8,352.69
Total Special Events	<u>0.00</u>	<u>8,352.69</u>
<b>TOTAL EXPENSE</b>	<u><b>56,591.10</b></u>	<u><b>96,839.45</b></u>
<b>NET INCOME</b>	<u><b>20,738.15</b></u>	<u><b>-23,329.48</b></u>

Surinder Parmar, P.Eng.  
Treasurer