



2021 ANNUAL REPORT

British Columbia Chapter

The Earthquake Engineering Research Institute

Report Date: May 25, 2022

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This report summarizes the membership and activities conducted by the EERI-BC Regional Chapter of the Earthquake Engineering Research Institute during 2021.

MISSION & GOALS

The mission of the Earthquake Engineering Research Institute (EERI) British Columbia Regional Chapter (hereafter referred to as EERI-BC) is dedicated to reducing the earthquake risk in British Columbia, by advancing the science and practice of earthquake engineering; by improving understanding of the impact of earthquakes on the physical, social, economic, political and cultural environment; and by advocating comprehensive and realistic measures for reducing the harmful effects of earthquakes. Our goal is to facilitate discussions that promote resiliency through both planning and response initiatives.

MEMBERSHIP SUMMARY

The EERI-BC Regional Chapter had a total of 114 members in 2021.

OFFICERS: The Board consisted of the following members:

Role	Name	Affiliation	Email
President	Kate Thibert	Ausenco	kate.thibert@ausenco.com
Secretary	Behrad Zibania	Mott MacDonald	Behrad.zibania@mottmac.com
Treasurer	Aran Thurairajah	Golder	Aran_Thurairajah@golder.com
Directors	Rahman Mujib	FortisBC Energy Inc.	mujib.rahman@fortisbc.com
	John Sherstobitoff	Ausenco	John.sherstobitoff@ausenco.com
	Jessica Shoubrid	CIP/PIBC, Independent Consultant	jessicashoubridge@gmail.com
	Monrit Chatha	RJC Consulting Engineers	monritc@gmail.com
	Salman Soleimani-Dashtaki	University of British Columbia	salman@civil.ubc.ca
	Carlos Molina Hutt	University of British Columbia	carlos.molinahutt@civil.ubc.ca
	Dan Bruton	Ecora	dan.bruton@ecora.ca
	Micah Hilt	City of Vancouver	Micah.Hilt@vancouver.ca

Board meetings were held virtually in 2021 due to the COVID-19 Pandemic.



BUDGET & FINANCIALS

Our account balance as of *May 25, 2022* is CAD \$10,264.74. Our membership contribution is CAD \$35 per person. Currently we have a recurring monthly expense of CAD \$19 for banking with TD Canada Trust. As of now, we have a balance budget.

A request has been made to EERI Central to support the EERI-BC webpage. Currently we have monthly recurring expenses of USD \$63 for maintaining website and payment portal for membership fee with Wild Apricot, and a CAD \$23.40 for maintaining a google drive account storing and sharing all relevant documents. These are being paid by our board of directors.

CHAPTER ACTIVITIES

Given the COVID 19 Pandemic, we were able to conduct only two major events or activities throughout 2021. However, we were able to hold our monthly board meetings virtually via Zoom all the way through.

Event #1: Distinguished Lecturer 2021

There was a distinguished lecturer event held virtually in February 2021. We hosted David Bonowitz (they received the award in 2020). The event was hosted by the local engineering community, academics from local universities, engineering students, and private consultants.

Event #2: Understanding Risk Workshop (UR+) 2021

The event was held online over a full day in December 2021 and was well attended (200+ attendees) by the local engineering community, emergency responders, some government employees, policy makers, etc.

REGULAR CHAPTER MEETINGS

March 2022 Board Meeting

Date: March 16, 2022

Venue: Zoom Meeting

Items Discussed:

1. Current president is stepping down, we need a new president and president-elect
2. Website should be transferred to the EERI Central website
 - a. Aran and Behrad need to be paid back for this
3. Next meeting to be an election for the new executive team
4. Google Drive will continue to be our document control site
5. Brainstorm new event ideas for 2022/2023:
 - a. Framework to allow members to propose topics for a round table conversation
 - b. NRCAN - what is the plan
 - c. UBC Seismic Undergrad Presentation
 - i. Bring in members from the undergrad group
 - ii. UBC EERI Group



- d. Jessica to report back from seismic safety council (10 minutes)
- e. Teran - seismic safety alliance
- f. Understanding Risk BC - Jessica still is pending payment
- g. UR Risk 2022 has asked the BC team to be a satellite hub
 - i. Main stage is in Brazil
 - ii. We will be the host for one day

April 2022 Board Meeting

Date: April 20, 2022

Venue: Zoom Meeting

Items Discussed:

1. Election held for new team:
 - a. President: Salman
 - b. Vice President: Monrit
 - c. Secretary: Behrad
 - d. Treasurer: Aran
 - e. Past President: Kate
2. Introduction of all other board members: Jessica, John, Dan, Thava, Mujib
3. Recurring Meeting to be every third Thursday at noon ***monthly meeting***
4. Presentation from the UBC EERI Student Seismic Design Team
5. Online Presence:
 - a. LinkedIn Update with the new team
 - b. Website Update with the new team
6. Mujib to look into moving our website to EERI central instead of wild apricot

May 2022 Board Meeting

Date: May 19, 2022

Venue: Zoom Meeting

Items Discussed:

1. Introduction from Thava
2. Recap from the UBC EERI Student Seismic Design Team
3. Mujib, Salman, Behrad, and Aran to meet about the website transfer with Heidi
4. Annual Report - one week extension to May 30th, 2022
5. Bylaws require updating with the new Vice President Role
6. Events for 2022:
 - a. Distinguished Lecturer
 - b. Earthquake Instrumentation Symposium



July 2021 Board Meeting

Date: Wednesday, July 14, 2021

Venue: Skype meeting

Items Discussed:

1. Attending the EERI AGM
2. SP3 assessment FEMA-P58
3. Annual Report
4. Meeting with Heidi about accounts should wait till May
5. Having a short blurb about AGM
6. Loads on the underground structures
7. Free online session with EERI speakers
8. IC impact siera session (UBC)
9. Distinguished Lecturer coordination
10. 105 Members
11. Check these 2 for payments kofi ado
12. brian blumer

April 2021 Board Meeting

Date: Wednesday, April 14, 2021

Venue: Skype meeting

Items Discussed:

1. Attending the EERI AGM
2. SP3 assessment FEMA-P58
3. Annual Report
4. Meeting with Heidi about accounts should wait till May
5. Having a short blurb about AGM
6. Loads on the underground structures
7. Free online session with EERI speakers
8. IC impact siera session (UBC)
9. Distinguished Lecturer coordination

March 2021 Board Meeting

Date: Wednesday, March 10th, 2021

Venue: Skype meeting



Items Discussed:

1. Carlos teaching on Tuesdays and Salman on Wednesday till 6:30.
2. A poll to be sent to the board for the new meeting time
3. Fees to be covered by central
4. The banking costs
5. the wild apricot cost
6. The G-suite
7. A session on seismic loads on underground structures
8. Jessica attending SSC as EERI rep
9. Having a short blurb about AGM
10. URBC
11. kickoff meeting
12. EERI board members do have free passes. (Jessica to send an Email regarding)
13. For the payments, cheques need to be batched
14. EERI-BC local members email
15. Send the members Behrad with Jessica tomorrow
16. Laurie A. Johnson is a part of opening

Distinguished Lecture

Distinguished Lecture

Thursday, February 4th, 2021, 3:30

Venue: Zoom meeting

“Functional Recovery: What it Means to Design for Community Resilience,”

David Bonowitz, Structural Engineer (M.EERI, 1994)

Attendance: 33

COMMUNICATIONS

The EERI BC has 3 means of contacting with people:

1. The EERI-BC site:
The main portal to access the accounts, news and events. The site occasionally gets update to announce the news like the events arranged by EERI or other organizations.
The address for the site is: <https://eeri-bc.wildapricot.org>
2. The Gmail account:
This portal is more for management purposes and the board uses this common place to share ideas, manage meetings and branch supporting activities.
3. The EERI-BC LinkedIn:
The link is activated now to allow for more places for members and board to share ideas and also an easier place to make announcements more occasionally and notify members about board activities.
The LinkedIn address is: <https://ae.linkedin.com/company/eeri-bc>



STUDENT CHAPTER COORDINATION

The communication with the UBC chapter got deeper and now one of the UBC PhD students who is an active member of the university chapter contributes in the monthly board meetings and there are joint plans which both parties are contributing to take place. The Lucy Jones event is an example of the more upcoming joint events which the BC chapter is arranging which EERI-UBC is contributing in.

ELECTION & ELECTION RESULTS

An election for officers was held from April 2022 to May 2022. The table below shows the new officers appointed to the Chapter board who will take office in May 2022.

Role	Name	Affiliation	Email
President	Salman Soleimani-Dashtaki	University of British Columbia	salman@civil.ubc.ca
Vice-President	Monrit Chatha	RJC Consulting Engineers	monritc@gmail.com
Secretary	Behrad Zibania	Mott MacDonald	Behrad.zibania@mottmac.com
Treasurer	Aran Thurairajah	Golder	Aran.Thurairajah@golder.com
Past-President	Kate Thibert	Ausenco	kate.thibert@ausenco.com
Directors	Rahman Mujib	FortisBC Energy Inc.	mujib.rahman@fortisbc.com
	John Sherstobitoff	Ausenco	John.sherstobitoff@ausenco.com
	Jessica Shoubrid	CIP/PIBC, Independent Consultant	jessicashoubridge@gmail.com
	Carlos Molina Hutt	University of British Columbia	carlos.molinahutt@civil.ubc.ca
	Dan Bruton	Ecora	dan.bruton@ecora.ca
	Thava Thavraj	Klohn Crippen Berger Ltd.	TThavaraj@klohn.com

2022 GOALS

Below is a brief list of our goals for June – December 2022:

1. Host the Distinguished Lecturer – hold the event in person with a virtual option
2. Symposium on Earthquake Instrumentation
3. Outreach event with youth
4. Update the Bylaws



Membership

- Membership target = 150
- Increase membership by 50 members

Chapter Meetings and Ongoing Activities

- Host a minimum of eight (8) board meetings
- Produce a quarterly newsletter
- Maintain website content and add new events/activities throughout the year
- Update Bio's online for all board members
- Update Bylaws

Chapter Initiatives

For the upcoming year, the chapter will continue to coordinate (via its board members) with; the local student chapter (UBC), Oceans Networks Canada, Canadian Institute of Planners/Planning Institute of BC, SEABC, EGBC, local governments in the province and lobby policy/decision makers (Emergency Management-BC, UBCM/FCM) to increase efforts for earthquake risk reduction.

Also, we will be uploading a bio every second month to introduce the board members, which would provide a brief description on their career and technical background. We are aiming to back that up and have each board member prepare an online presentation for the EERI-BC members.

CHAPTER NEEDS AND REQUESTS FOR THE BOARD OR EERI STAFF

1. We need to centralize our website
2. We need to create an updated payment method
3. Financial support is required from EERI central to maintain the website, payment portal, and online services