

Canadian Society for
Civil Engineering



Société canadienne
de génie civil

ANNUAL REPORT RAPPORT ANNUEL

Presented at the AGM

Présenté à l'AGA

2025-05-30

Winnipeg, MB

2024



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2024 Annual General Meeting (AGM) Minutes

Friday, June 7th, 2024, at 13:30–14:00 EDT

Ballroom at the Sheraton Fallsview Hotel, Niagara Falls, ON

1. Call to Order – Gopal Achari, CSCE President (2023/2024)

Confirmation of quorum; 85 in attendance

2. Motion to accept the agenda

Moved by Gianni Xye

Seconded by Louis Poirier

Motion carried unanimously

3. President’s Report – Gopal Achari

Highlights of the presentation included:

- Memoriam tribute to Robert (Bob) Edmond Loov and Mel Hossain.
- Review of the updated organization chart, CIVIL Magazine new format, simplified membership structure in iMIS (new member management system), corporate and sustaining partner program updates.

4. Motion to accept the Minutes of the AGM May 26, 2023, and the President’s report

Moved by Rishi Gupta

Seconded by Bing Chen

Motion carried unanimously

5. Honorary Treasurer’s Report – Jean-Luc Martel

The Honorary Treasurer presented the highlights of the auditors (MNP) review engagement.

Highlights of the presentation included:

- Statement from MNP that assures 2023 financial statements materially reflect the financial position of the Society.
- The society generated a net surplus of revenue over expenses of \$47,005 for the fiscal year 2023, which improved the

society’s net asset position.

- No change in status regarding the regional loans.

6. Motion to appoint MNP as auditor for the 2024 fiscal year

Moved by Jean-Luc Martel

Seconded by Wade Zwicker

Motion carried, 1 abstention

7. Motion to adopt all reports as published in the Annual Report

Moved by Alex Andrenkov

Seconded by Wade Zwicker

Motion carried unanimously

8. Motion to ratify the actions of Officers and Directors since last AGM

Moved by Rajesh Seth

Seconded by Jean-Luc Martel

Motion carried, 3 abstentions

9. Motion to accept the Nominations Committee Report

Note: Discussion on whether or not a motion is required to accept the nominations committee report – clarify for next year.

Moved by Wade Zwicker

Seconded by Michel Khouday

Motion carried unanimously

10. Motion for Adjournment

Moved by Jean-Luc Martel

Seconded by Rishi Gupta

Report of the President

Bing Chen, PhD, PEng, FCSCE, FEIC, FCAE

This report covers the year spanning June 8, 2024, to May 30, 2025.

Last year was a remarkable journey shaped by our collective effort as we tackled challenges, celebrated achievements, and strengthened our shared vision. I felt truly privileged and proud to serve as your president and closely work with my excellent fellow members on the Executive Committee, the National Management Committee, and the Board of Directors, as well as chairs, members, and volunteers from our regions/sections and divisions/committees. Together, we have upheld our commitment to supporting civil engineers and advancing the civil engineering profession in Canada. Although we did not have an Executive Director, Karma-Link Management Services (KL) provided administrative support to our operations and conferences. We also had MNP for bookkeeping and audit services, Fixrs for website technical support, and Lavery LLP for legal matters. With such support and our volunteers — particularly through the strong leadership of the Board and the Regional Coordinating Committee (RCC), Administration Coordinating Committee (ACC) and Programs Coordinating Committee (PCC) — we have identified key priorities, launched and advanced several initiatives, and made notable progress in areas such as organizational improvement, financial recovery and resilience, membership and partnership growth, Envision expansion, technical innovation and collaboration, internationalization, and promotion of EDIA. These pillars have been central to our continued growth, shaping our success and impact on national and international levels.

We have been actively refining governance and streamlining organizational structure to improve transparency and effectiveness. This society-wide effort involves collaboration across all levels of leadership — from the national and regional to the sectional, and from divisions to committees. Our work has spanned both structural reforms and improvements to operational procedures. Through wide consultations, we have completed revisions to

our By-laws, updated the Conference Manual, and revised some Terms of Reference. We have also made significant strides in modernizing our digital infrastructure. This includes reorganization of internal documentation, transition of the website, and implementation of a new membership database by the iMIS system. The new system offers reliable and robust functions to improve management and member services. Looking ahead, we encourage the growth of more online communities and discussion groups within the platform to strengthen member engagement.

Over the past few years, we have faced a particularly challenging financial period, and while recovery is ongoing, we have made considerable progress. Through careful planning, strategic budgeting, cost and debt reduction, and focused efforts on revenue generation, we are working to rebuild our financial strength and enhance long-term resilience. Thanks to the collective efforts to improve our financial management practices, our financial position has stabilized and is moving steadily in a positive direction.

We are redefining our partnerships and membership approach to build a thriving ecosystem with enhanced engagement and greater benefits. We have implemented the revamped membership structure and launched the new Corporate and Sustaining Partnership Programs with 28 partners onboard as of mid-May 2025. We have prioritized promotion and engagement with partners from private and public sectors, institutions, and other professional organizations, advancing mutually beneficial relationships. For our student members in Canada and overseas, we keep growing and creating new opportunities through student chapters, competitions, and awards, fostering their growth and success.

Through our renewed partnership with the Institute for Sustainable Infrastructure (ISI), we remain committed to promoting and delivering Envision training nationwide through the Envision program. As our

flagship initiative, the program continues to grow healthily and sustainably. It reflects our long-term strategy — an essential approach that guides us through complex challenges while supporting the development of a sustainable society under a changing climate. It has also been increasingly recognized as an effective approach to benefit our members and partners and contribute to policy and standard development. The program has also actively sought external funding sources, such as a recent success in the Federation of Canadian Municipalities funding program.

As Canada's leading learned society in civil engineering, the CSCE proudly carries a 138-year legacy of advancing and upholding excellence in the civil engineering profession. It is our shared responsibility to continue this tradition through our collective expertise and leadership. Our members hold a wealth of knowledge. Through our Technical Programs and Divisions & Committees, we have significantly contributed to civil engineering research, development, policy-making, and best practices. For example, since last June, we have hosted 22 Tech Talks and webinars featuring outstanding speakers and covering a broad range of topics in the field. With the recording of these sessions available online, we offer lasting values for our members and draw growing attention and engagement. In November 2024, we organized a successful short course titled "Project Claims and Disputes on Engineering and Construction" and in December, the National History Committee released the CSCE National Historic Sites Calendar. Our impact and member benefits continue to grow through our diverse publication platforms, such as CIVIL magazine, Canadian Journal of Civil Engineering, conference proceedings, E-Bulletin, website news, and social media.

We are deeply committed to advancing Equity, Diversity, Inclusion, and Accessibility (EDIA) and promoting best practices across our organization. Over the past year, we have made meaningful progress through several new initiatives, particularly by our dedicated EDIA Task Force. The Task Force collaborates with the National History Committee and the Council of Heads and Chairs to foster synergy on Indigenous matters. The inaugural Sustainable

Development Specialty Conference at the 2025 Annual Conference will feature sessions on EDIA in civil engineering and Indigenous knowledge and practices. A major milestone this past fall was the launch of the CSCE's first-ever EDIA award: the *CSCE Award for Leadership and Advocacy in Equity, Diversity, Inclusivity, and Accessibility in Civil Engineering* — a significant step in recognizing and celebrating leadership in promoting EDIA in civil engineering.

Our international activities have resumed by reactivating and expanding global partnerships, enhancing our reputation, and increasing influence through efforts made by the International Affairs Committee and the revitalized Hong Kong Branch. Ongoing initiatives include agreement development/renewal, knowledge exchange, cohosting professional events (e.g., conferences and webinars), visits, and joint publications. We maintain active communication and exchanges with key partners in other countries such as the United States, China, and South Korea, reinforcing our global presence and engagement. To further this vital task, we are seeking more volunteers to help support and expand our overseas partnerships and collaborations.

I want to take this opportunity to express my sincere gratitude to all our members — and especially to the dedicated volunteers whose tireless efforts have kept our society thriving, evolving, and shining. Your passion, commitment, and contributions have been the driving force behind all the achievements and successes that we have made. On behalf of the CSCE, a heartfelt thank you to each and every one of you! A special note of appreciation also goes to KL for their essential service and ongoing support. I also sincerely thank my fellow Board members for their outstanding leadership and unwavering dedication.

This past year has been truly rewarding for our society, marked by meaningful progress and the successful navigation of challenges. As we look ahead, I am confident that, through our shared vision and collective efforts, we will continue to strengthen and grow our proud society into an even brighter future. Together, we move forward, shaping a legacy of Canadian civil engineering that will inspire and endure for generations to come and contribute to a more sustainable society!

Rapport du président

Bing Chen, Ph. D., ing., FSCGC, FICI, FACG

Ce rapport couvre la période allant du 8 juin 2024 au 30 mai 2025.

La dernière année, qui a été remarquable, se distingue par nos efforts collectifs qui nous ont permis de relever des défis, de célébrer des réalisations et de renforcer notre vision commune. Je me suis senti vraiment privilégié et fier de servir à titre de président et de travailler en étroite collaboration avec mes éminents collègues du Comité exécutif, du Comité national de gestion et du Conseil d'administration, ainsi qu'avec les directeurs, les membres et les bénévoles de nos régions, sections, divisions et comités. Ensemble, nous avons respecté notre engagement à soutenir les ingénieurs civils et à faire progresser notre profession au Canada. Bien que nous n'ayons pas de directeur exécutif, Karma-Link Management Services (KL) a fourni un soutien administratif pour nos activités et conférences. Nous avons aussi pu compter sur MNP pour les services de tenue de livres et de vérification, Fixrs pour le soutien technique relatif à notre site Web et Lavery LLP pour les questions juridiques. Grâce à ce soutien et à nos bénévoles (mentionnons en particulier le solide leadership du Conseil d'administration et du Comité de coordination régionale [CCR], du Comité de coordination administrative [CCA] et du Comité de coordination des programmes [CCP]), nous avons pu établir les principales priorités, lancer et faire progresser plusieurs initiatives ainsi que réaliser des avancées notables dans des domaines tels que l'amélioration organisationnelle, la reprise et la résilience financières, la croissance des membres et des partenariats, l'expansion d'Envision, l'innovation technique et la collaboration, l'internationalisation de nos activités et la promotion de l'équité, de la diversité, de l'inclusion et de l'accessibilité (EDIA). Ces grands piliers, qui ont été au cœur de notre croissance continue, ont contribué à notre succès et à notre impact aux niveaux national et international.

Nous avons affiné activement notre gouvernance et avons rationalisé notre structure organisationnelle afin d'améliorer la transparence et l'efficacité. Cet

effort dans l'ensemble de la société nécessite une collaboration à tous les échelons de direction, tant aux niveaux national et régional qu'à celui des sections, des divisions et des comités. Notre travail a porté à la fois sur des réformes structurelles et sur des améliorations des procédures opérationnelles. Grâce à de vastes consultations, nous avons terminé la révision de nos règlements administratifs, avons mis à jour le Manuel sur le congrès et avons revu certains mandats. Nous avons également accompli des progrès importants dans la modernisation de notre infrastructure numérique; mentionnons entre autres la réorganisation de la documentation interne, la transition vers notre nouveau site Web et la mise en place d'une nouvelle base de données des membres à l'aide du système intégré de gestion (SIG). Le nouveau système présente des fonctions fiables et puissantes qui permettront d'améliorer la gestion et les services offerts aux membres. Pour l'avenir, nous encourageons la croissance d'un plus grand nombre de communautés en ligne et de groupes de discussion au sein de notre plateforme afin de renforcer l'engagement des membres.

Au cours des dernières années, nous avons fait face à une période financière particulièrement difficile; la reprise n'est pas terminée, mais nous avons accompli des progrès considérables. Grâce à une planification minutieuse, à une budgétisation stratégique, à une réduction des coûts et de la dette, ainsi qu'à des efforts ciblés pour générer des revenus, nous travaillons à rebâtir notre santé financière et à améliorer notre résilience à long terme. Nos efforts collectifs pour améliorer nos pratiques de gestion ont permis de stabiliser notre situation financière qui évolue désormais dans la bonne direction.

Nous sommes en train de redéfinir nos partenariats et notre approche par rapport aux membres afin de bâtir un écosystème florissant qui se caractérise par un engagement et des avantages accrus. Nous avons mis en œuvre la nouvelle structure d'adhésion des membres et avons lancé le Programme de partenariat de soutien et le Programme de sociétés

partenaires avec 28 partenaires à la mi-mai 2025. Nous avons priorisé la promotion auprès de partenaires des secteurs privé et public, des établissements d'enseignement et d'autres organisations professionnelles, ainsi que les interactions avec ceux-ci, ce qui nous a permis de faire progresser des relations mutuellement bénéfiques. Pour nos membres étudiants au Canada et à l'étranger, nous continuons d'élargir nos activités et de créer de nouvelles possibilités (p. ex. chapitres étudiants, concours, prix) afin de favoriser leur croissance et leur réussite.

Grâce à notre partenariat renouvelé avec l'Institute for Sustainable Infrastructure (ISI), nous demeurons déterminés à promouvoir et à offrir une formation à l'échelle nationale par l'entremise du programme Envision. En tant qu'initiative phare, ce programme continue de croître de manière saine et durable. Il reflète notre stratégie à long terme, c'est-à-dire une approche essentielle qui nous permet de relever des défis complexes et de soutenir le développement d'une société durable dans un climat en constante évolution. Cette approche, qui est de plus en plus reconnue pour son efficacité, profite aussi à nos membres et partenaires tout en contribuant à l'élaboration de nos normes et politiques. Les responsables du programme ont également recherché activement des sources de financement externes, comme une récente initiative couronnée de succès a pu en bénéficier dans le cadre du programme de financement de la Fédération canadienne des municipalités.

En tant que société savante de premier plan en génie civil au Canada, la Société canadienne de génie civil (SCGC) est fière de porter un héritage de 138 ans de progrès et de maintien de l'excellence dans notre profession. Il est de notre responsabilité commune de poursuivre cette tradition grâce à notre expertise et à notre leadership collectifs. Nos membres possèdent de vastes connaissances. Grâce à nos programmes techniques, ainsi qu'à nos divisions et comités, nous avons contribué de manière significative à la recherche, au développement, ainsi qu'à l'élaboration de politiques et de pratiques exemplaires en génie civil. Par exemple, depuis juin dernier, nous avons organisé 22 causeries techniques et webinaires. Ces événements, qui mettaient

en vedette des conférenciers exceptionnels, couvraient un large éventail de sujets dans notre domaine d'activités. En enregistrant ces sessions et en les rendant disponibles en ligne, nous offrons à nos membres des activités à valeur durable qui attirent l'attention et suscitent une participation croissante. En novembre 2024, nous avons organisé avec succès un cours intensif intitulé *Project Claims and Disputes on Engineering and Construction* (Réclamations et différends relatifs aux projets d'ingénierie et de construction). De plus, en décembre, le Comité national de l'histoire a publié le calendrier des lieux historiques nationaux de la SCGC. L'incidence de la SCGC et les avantages offerts à ses membres continuent de croître grâce à nos diverses plateformes de publication, telles que le magazine *L'ingénieur civil canadien*, la *Revue canadienne de génie civil*, les comptes-rendus de conférence, l'infolettre, les nouvelles affichées sur le site Web et les médias sociaux.

Nous sommes profondément engagés à faire progresser l'EDIA et à promouvoir les pratiques exemplaires en la matière dans l'ensemble de notre organisation. Au cours de la dernière année, nous avons effectué des progrès significatifs grâce à plusieurs nouvelles initiatives, en particulier celles réalisées par notre groupe de travail consacré à l'EDIA. Le Groupe de travail collabore avec le Comité national de l'histoire et le Conseil des chefs et des présidents pour favoriser la synergie sur les questions autochtones. La première Conférence spécialisée sur le développement durable, qui se tiendra dans le cadre de la Conférence annuelle de 2025, comprendra des sessions sur l'EDIA en génie civil, ainsi que sur les connaissances et pratiques autochtones. L'automne dernier, le lancement du tout premier prix de l'EDIA de la SCGC (*Prix de la SCGC pour le leadership et la défense des intérêts en matière d'équité, de diversité, d'inclusion et d'accessibilité en génie civil*) a marqué une étape importante dans la reconnaissance et la célébration du leadership dans la promotion de l'EDIA en génie civil.

Nos activités internationales ont repris avec la réactivation et l'élargissement de partenariats mondiaux, l'amélioration de notre réputation et l'accroissement de notre influence grâce aux efforts

déployés par le Comité des affaires internationales et une succursale de Hong Kong revitalisée. Les initiatives en cours comprennent l'élaboration et le renouvellement d'ententes, la transmission de connaissances, l'organisation conjointe d'événements professionnels (p. ex. conférences et webinaires), des visites et des copublications. Nous maintenons une communication et des échanges actifs avec des partenaires clés dans d'autres pays comme les États-Unis, la Chine et la Corée du Sud, ce qui nous permet de renforcer notre présence et notre engagement à l'échelle mondiale. Pour poursuivre cette tâche vitale, nous recherchons davantage de bénévoles pour soutenir et élargir nos partenariats et collaborations à l'étranger.

Je profite de cette occasion pour exprimer ma sincère gratitude à tous nos membres. Je tiens particulièrement à remercier les bénévoles dévoués dont les efforts inlassables ont permis à notre société de prospérer, d'évoluer et de briller. Votre passion, votre engagement et vos contributions ont été la

force motrice de toutes nos réalisations et réussites. Au nom de la SCGC, un grand merci à chacun d'entre vous! Je tiens aussi à remercier tout spécialement KL pour sa prestation de services et son soutien continu qui ont joué un rôle essentiel dans nos activités. De plus, je remercie sincèrement mes collègues membres du Conseil d'administration pour leur leadership exceptionnel et leur dévouement inébranlable.

L'année écoulée, marquée par des progrès significatifs et une gestion optimale des défis, a été véritablement enrichissante pour notre société. À long terme, je suis convaincu que, grâce à notre vision commune et à nos efforts collectifs, nous continuerons de renforcer notre fière société et de la faire évoluer vers un avenir encore plus radieux. Ensemble, nous irons de l'avant en façonnant un héritage dans le domaine du génie civil canadien qui inspirera les générations à venir et contribuera à créer une société plus durable!

Report of the Senior Vice President and Chair of the Regional Coordinating Committee

Sara Rankohi

Introduction

This report covers the year spanning June 8, 2024, to May 30, 2025. Over the past year, the Canadian Society for Civil Engineering (CSCE) has made notable progress through renewed leadership, expanded student engagement, and strengthened participation in both national and regional events. As Senior Vice-President responsible for the Regional Coordinating Committee (RCC), I am pleased to provide a brief overview of recent developments and our strategic goals moving forward.

Leadership Renewal and Membership Development

In 2024, the RCC undertook a structural reorganization of the Student Affairs Committee to better align with the evolving needs of our student members across Canada. As part of this initiative, we proudly welcomed two new leaders to the executive team: Dr. Mohammed El- Gendy from Lakehead University, who now serves as the new Chair, and Dr. Muhammad Fawad from The University of British Columbia, who was appointed Vice-Chair. Their combined leadership, academic excellence, and dedication to the next generation of civil engineers has already begun to enhance the Society's student-focused programming and presence at the national level. Their leadership marks a renewed commitment to building a dynamic and supportive network for students and early-career professionals.

Outreach and Engagement with Student Chapters and Partners

This year, we placed a strong emphasis on outreach to Student Chapters across the country. Our regional and national teams hosted multiple engagement events, providing students with information, mentorship opportunities, and platforms to share their work. Notably, we organized a national CSCE Webinar dedicated to introducing the benefits of CSCE membership to civil engineering students. The webinar drew participation from a wide spectrum of

institutions and served as a successful initiative to promote inclusivity, networking, and active student participation within the Society. We have also strengthened our relationships with other engineering societies and associations, creating new opportunities for interdisciplinary dialogue and future collaboration.

Conference Involvement and Volunteer Engagement

Our presence at key academic and professional events remained strong throughout the year. CSCE regional volunteers contributed actively to the 2025 National CSCE Annual Conference in Winnipeg, ensuring meaningful representation from coast to coast. Furthermore, I am personally involved in the Organizing Committee for the 2025 Construction Specialty Conference, which will take place in Montreal during the summer. This event promises to be a flagship gathering for industry professionals, researchers, and students to explore emerging trends and innovations in the construction sector. These conference involvements reflect the Society's continued commitment to professional development, networking, and leadership in the civil engineering discipline.

Strategic Goals for the Upcoming Year

Looking ahead, we have identified two strategic priorities. First, we aim to increase CSCE membership, particularly among students and young professionals, by enhancing the value proposition of membership through targeted programming, mentorship, and visibility.

Second, we plan to attract new sponsors and partners, thereby strengthening the Society's financial base and capacity to deliver impactful programming. These goals are aligned with our mission to promote excellence in civil engineering and ensure that CSCE remains a vibrant, inclusive, and forward-looking organization.

On behalf of the entire leadership team, I thank our members, volunteers, and partners for their continued support and engagement. Together, we will continue to advance civil engineering across Canada and beyond.

Summary of Regional and International Activities

Atlantic Region

Efforts focused on volunteer recruitment, student involvement, and rebuilding executive teams. Events included Job Shadowing (East NB), the NL Engineering Open House, and technical presentations across all five sections.

Quebec Region

The Montreal and Quebec City sections were vibrant with technical workshops, student-industry networking, and new initiatives like a mentorship program and technical training for 2025. The Montreal Section is working to expand activities.

Ontario Region

(To come)

Prairie Region

The Manitoba and Saskatoon sections restarted post-COVID under new leadership. Activities included five technical lunch presentations, student engagement through a logo competition for the 2025 conference, and local outreach.

Western Region

The Edmonton & Northern Alberta section organized seminars and dinner meetings, generating \$73K in revenue. Despite a modest net loss, the group maintained strong local engagement and financial stability.

International Region

Led by VP Rishi Gupta, this region demonstrated strong international engagement. Activities included two technical webinars, a themed CIVIL magazine issue on Southeast Asia, an International Forum at the 2024 Annual Conference, and renewed partnerships with engineering societies worldwide. The Hong Kong Branch remained active.

Aggregate Table of Activities by Region

Region	Key 2024 Activities
Atlantic	Volunteer recruitment, student collaboration, shadowing and open house events
Quebec	Mentorship program, technical events, Career Forums, new workshop series
Ontario	(To come)
Prairie	Chapter revitalization, lunch presentations, student competition, community outreach
Western	Seminars, dinner meetings, financial reporting, member engagement
International	Webinars, International Forum, magazine issue, global partnerships, Hong Kong Branch support

In summary, the 2024 CSCE RCC - Regional and International Activities Report highlights the dynamic efforts of our regional and international branches in fostering professional engagement, student outreach, technical innovation, and international collaboration. From revitalizing local chapters post-pandemic to hosting impactful technical seminars and forging new global partnerships, each region has made valuable contributions to strengthening the Society’s presence and advancing civil engineering across Canada and abroad. These collective initiatives reflect CSCE’s commitment to professional excellence, inclusivity, and knowledge-sharing at both national and international levels. Detailed regional reports are included below.

ATLANTIC REGION

Vice-President Atlantic Region:

Jérémie Aubé, P.Eng., MCSCCE

The Atlantic Region includes five sections: East New Brunswick, West New Brunswick, Prince Edward Island, Nova Scotia, and Newfoundland and Labrador. The CSCE activities in the Atlantic Region are overseen by the Atlantic Regional Council, which is composed of the Atlantic Region Vice President, Past Vice President (Mike Benson), Treasurer (vacant) and Chairs of the five Atlantic sections.

The Atlantic Regional Council met quarterly, typically shortly after each CSCE Board Meeting, to discuss matters relevant to the Region and Sections, and saw active participation from all Sections, which contributed to a strong collaboration and coordination across the Atlantic provinces. The past year has seen an increased level of activity in general in the Atlantic Region, despite some sections having a focus on rebuilding themselves.

West New Brunswick and Nova Scotia sections have been working hard to recruit volunteers, whether it is young talent or experienced professionals, and rebuild their section executive teams to provide activities and events for their local members. A key part of this effort was to engage with the student chapters at the University of New Brunswick (West NB Section) and Dalhousie University (NS Section) to strengthen these relationships, build momentum, and create a connection with future members of the sections. Each section is hoping to build on the progress made in 2024 to further support the growth and success of their team in the next year to come.

The East New Brunswick, Prince Edward Island, and Newfoundland and Labrador sections provided various activities to their respective local members, as part of their regular annual calendar of activities, such as technical presentations, networking events, and various activities in collaboration with the student chapters. Some sections also hosted their annual signature events, such as the Job Shadowing activity for civil engineering students hosted by the East NB Section or the Engineering Open House for the public hosted by the NL Section. The annual activity program organized by each Section, as described above, is a great example of how

membership value is provided at the local level and reinforces the vital role local sections play in defining the strength of CSCE as a national society, from coast to coast.

Finally, I would like to recognize and acknowledge the commitment of all Atlantic executive members, their section executive teams, and local volunteers; thank you for your time and dedication to the CSCE and for all the hard work you put into giving back to the Society and its members!

QUEBEC REGION

Vice-President Quebec Region:

Zohra Alaoui, P.Eng., LL.B.

The Quebec Region is fuelled by the energy of its members and a deep commitment to building a stronger, more connected civil engineering community across Quebec City and Montreal. Our activities are about creating meaningful experiences and connections that inspire, engage, and help shape the future of our profession. The work accomplished in 2024 has laid a solid foundation for an exciting 2025, with the launch of new initiatives such as a mentorship program, technical workshops to foster excellence, and preparations for a major event that will highlight the vitality of our Region.

The Quebec Region includes two active sections: Quebec City and Montreal. The activities of the Quebec Region are overseen by the Vice President, Zohra Alaoui, who provides governance leadership and supports the work of the Section Chairs: Sebastian Apari for the Montreal Section and Victor Bourassa for the Quebec City Section. While the Sherbrooke Section remains inactive for now, efforts across the Region demonstrate a clear momentum towards growth and renewed engagement.

Throughout the year, the Quebec City Section demonstrated remarkable dynamism, offering a rich and diverse program of activities. Members benefited from technical presentations covering a wide range of topics, from shoreline stabilization at Jacques-Cartier Beach, accelerated pavement testing, and the environmental impact of buildings on climate change, to specialized fields such as permafrost engineering. The rehabilitation of the

historic Château Frontenac was also featured, highlighting local engineering excellence. In addition to these technical events, networking activities such as the Lobster Dinner and collaborations with student chapters during the Forum Carrière further strengthened the connection between industry and future engineers.

The Montreal Section maintained its presence with select activities that allowed members to stay engaged with the CSCE community. A technical presentation on the dam industry and a Career Forum networking event provided valuable opportunities for knowledge-sharing and professional development. Efforts are ongoing to recruit new volunteers and expand the Section's activities, and members are strongly encouraged to get involved to help revitalize and grow the Montreal Section.

Looking ahead, the Quebec Region is proud to be launching a mentorship program in 2025, connecting experienced professionals with students and young engineers to foster development, leadership, and knowledge transfer within the community. In parallel, a new series of technical workshops will be introduced to maintain and elevate the standards of civil engineering practice in the Region. These initiatives represent major steps in our continued commitment to supporting our members and the future of our profession.

Finally, I would like to sincerely thank all executive members and volunteers from the Quebec City and Montreal Sections for their remarkable dedication. It is your passion and commitment that bring our vision to life and make the CSCE in Quebec a vibrant and inspiring place to grow, connect, and thrive.

ONTARIO REGION

(To come)

PRAIRIE REGION

Vice President Prairie Region: Dagmar Svecova

The Prairie Region currently has two active Sections: Manitoba and Saskatoon. Both of these Sections are

restarting their activities after several years of low activity mainly due to Covid, etc. The activities of the Manitoba Chapter in 2024–2025 were mostly related to planning the 2025 CSCE Annual Conference that will take place in Winnipeg in May 2025.

The CSCE Manitoba Section has been gradually rebuilding momentum after a quiet period, with 2024 marking the start of efforts to engage the community. Dr. Isin stepped into the role of Section Chair in January 2024. The highlight of the year was a breakfast event with technical presentation titled “St. Andrew’s Lock and Dam Bridge Deck Replacement and Strengthening Project” was delivered by project manager Stephen Chaisson. The event brought together 32 people in total. The Section also sponsored the CSCE 2025 annual conference student logo competition and offered prizes to the top three finalists, who were recognized during the breakfast event. This past year has laid the groundwork for a more active and visible CSCE presence in Manitoba, and everyone is excited to build on that in the year ahead.

The Canadian Society of Civil Engineers (CSCE) Saskatoon Section is dedicated to fostering professional growth, promoting innovation, and supporting the civil engineering community. This annual report highlights some of their accomplishments, activities, goals, and events for the 2024 and 2025 season. The 2024–2025 year was defined by restarting the Section after several years of inactivity. The Section reports to have an executive committee of eight members from various civil engineering backgrounds. The Section activities included Nooner Sessions, student engagement, and member outreach through their LinkedIn page. The Chapter organized five lunch-hour presentations on diverse topics and projects such as collaborative contract models, major irrigation projects, nuclear safety, and award-winning geotechnical solutions. These sessions were attended by professionals, students, and industry leaders. The intent is to engage the community through a variety of topics relevant to Saskatoon. The Section collaborated with the newly restarted CSCE Student Section at the University of Saskatchewan and sponsored two student events. Such sponsorship is important to support students in their activities and encourage

participation. In the Saskatoon Section, the focus remains on advancing the community's technical expertise and societal impact. The Section wants to encourage membership growth by being a source of support and innovation for Saskatoon's civil engineering community.

WESTERN REGION

Vice President Western Region: Frank Hui

The CSCE Western Region had a successful and engaging year in 2024, delivering a wide range of technical, educational, and networking events. These activities reflected the Region's ongoing commitment to professional development, student engagement, and the promotion of civil engineering excellence.

In Calgary, the section hosted five events, including two technical presentations focused on the Springbank Off-stream Storage Project and the Bow River Bridge. The section also supported student and academic outreach through the Graduate Student Poster Competition and the CSCE Popsicle Stick Bridge Competition, which was held alongside a presentation on the Deerfoot Trail Improvement project. Additionally, a site visit to the Jasper Skywalk offered members a unique opportunity to observe civil engineering in practice.

The Edmonton Section remained highly active, delivering a total of 20 events throughout the year. These included 10 technical presentations covering a wide range of topics — from net zero concrete and housing acceleration plans to advanced machine learning applications and major infrastructure rehabilitation. Flagship events included the inaugural Edmonton CSCE Symposium on Structural Steel and Western Canada Pavement Workshop 2024. The section also maintained a strong focus on young professional engagement, hosting a series of YoPro networking activities such as a pub mixer, board games night, summer BBQ, speed mentoring session, and a curling funspiel. The section also continued its support for student activities such as the Hard Hat Ceremony, Popsicle Stick Bridge Competition, and Graduate Student Poster Competition. Other notable events included a plant tour of Heidelberg

Materials and a Sponsor mixer, both of which helped strengthen industry relationships.

Northern BC held one key event — a technical presentation on Ministries' asset management inspection practices — which provided professional insights and knowledge-sharing for members in that region.

The Vancouver Island Section contributed meaningfully to student and national-level initiatives. Members attended the annual CSCE UVic Student Chapter Industry Night and actively supported student engagement by providing financial support to UVic students participating in the CSCE National Capstone Competition in Niagara Falls.

Overall, the CSCE Western Region continues to play a vital role in advancing the Society's mission through a blend of technical programming, student support, and community-building activities. We are deeply grateful for the efforts of our volunteers, the commitment of our student chapters, and the generosity of our sponsors. As we move into 2025, we look forward to further expanding our impact by delivering high-value programming and growing our network across all member segments.

INTERNATIONAL

Vice President, International: Rishi Gupta

The Vice-President (VP) International is a member of the CSCE Board of Directors and serves as an advocate for CSCE's international activities as a member of the Board. The VP International is responsible for:

- leading the International Region Council (IRC) and its operations;
- providing oversight of the International Affairs Committee (IAC) and assisting its activities and projects;
- overseeing Branch creation and operations;
- overseeing and undertaking international membership recruitment;
- advocating and developing services to international members; and

- representing the interests of the International Region on the Regional Coordinating Committee and the Conference Committee.

Vice-President International Rishi Gupta travelled to India to attend a conference titled “Celebrating 12 Years of Canada-India Collaborations in Science & Technology”, which was held in New Delhi, India, from December 9 to 11, 2024. During this trip, Rishi Gupta met with officials of the Institution of Engineers-India (IEI) to discuss the possibility of speaker(s) for IAC webinars and areas of possible collaboration.

Rishi Gupta also attended the international conference “Future Vision & Challenges for Urban Development —_ Green Smart Sustainable Building between Present & Future” held in Cairo, Egypt, from December 14 to 17, 2024 inclusive. This was to support for Egyptian civil engineers, some of whom attend CSCE annual conferences.

As a member of IAC, Vice President-International Rishi Gupta also planned the successful 2024 International Forum and the 2025 International Forum, held in conjunction with the CSCE annual conferences.

Report of the International Affairs Committee (IAC)

The International Affairs Committee has 18 members, and six subcommittees (termed Desks). All CSCE Regions are represented on the committee.

IAC handles all CSCE’s foreign and international activities and projects related to the technical disciplines of CSCE, except sponsorships of some international and foreign conferences which may be handled directly by the appropriate Technical Divisions, and the activities of any CSCE Branch. The International Affairs Committee (IAC) has three important functions:

- To represent the CSCE internationally by promoting mutually beneficial exchanges of information and joint activities with foreign and international civil-engineering-related societies and organizations;
- To spread the influence of the CSCE and Canadian civil engineers, Canadian schools of engineering, and of Canada internationally; and

- To bring information on foreign engineering projects, opportunities, engineering practice, and research to the CSCE membership, including to practicing engineers.

Committee Operations

The International Affairs Committee is an active CSCE committee that meets several times per year. Since its meeting at Niagara Falls on June 6, 2024, the International Affairs Committee has met online twice during 2024, and three times during 2025 prior to the CSCE 2025 Annual General Conference in Winnipeg, where it will be holding its annual in-person meeting. In 2024, it held six meetings and it is planned to have a similar number of meetings during 2025.

A major development with respect to committee operations has been the adoption of an IAC Operations Manual. The manual provides information on the responsibilities of IAC members, the election of the IAC Executive, the roles of subcommittees, and meeting quorum and voting procedures.

A major development with respect to committee operations has been the establishment of IAC Desks (subcommittees). The five established Desks covering geographic areas (South Asia, Southeast Asia, China, Northeast Asia, and The Americas) are under a Desk Chair/Area Manager. Other IAC members serve as Liaison Officers serve on these Desks, as do other volunteers who are not necessarily IAC members. There is also a Domestic Desk which serves to give importance to bringing international/ foreign information on technical topics and international issues to CSCE members by means of webinars, publications, and online notices. Desk were previously loosely defined groupings of IAC members, but the formalization of Desks to operate as IAC subcommittees has improved the capability of IAC.

IAC does not have Desks established for large parts of the world, including Europe, Africa, and Oceania. This is due to both limited volunteer and budgetary resources, and our priority of maintaining existing Desks rather than creating new ones. During late 2026, consideration might be given to the establishment of an Oceania Desk and an Eastern Mediterranean and North Africa Desk.

Webinars and Publications

A main goal of the CSCE's International Affairs Committee (IAC) is to bring information on foreign engineering codes of practice, projects, opportunities, and research to the Canadian civil engineering community and to CSCE members worldwide. This is performed by the provision of webinars and theme/special issues of magazines and journals.

Considerable discussion was held by IAC during 2024-2025 concerning the organization of webinars. The International Affairs Committee decided to provide two sets of webinars: the International [Technical] Topics Lecture Series (ITLS) and the International Issues Webinar Series (IIWS). Comparing the two series of webinars, the former series (ITLS) is more technical, while the latter series (IIWS) deals more with managerial, socio-economic, and cultural aspects of civil engineering. During 2025, IAC provided two ITLS webinars:

- a January 30th, 2025, webinar on "Recent Advances in Steel-Concrete Hybrid Bridges" by Dr. Bruno Briseghella with webinar organizer and host Khaled Sennah, and
- a March 27th webinar on "Low-Carbon Cement Initiatives in Canada and Mexico: Paving the Way for a Sustainable Future" by presenters Matt Dalkie, P.Eng. a Senior Sustainability Manager with Lafarge Canada, and Andrés A. Torres-Acosta, Professor Researcher at Tecnológico de Monterrey's School of Engineering and Science with Rishi Gupta and Beatriz Martín-Pérez as webinar organizers.

Two more webinars are planned before the end of 2025, and two webinars in early 2026.

The Winter 2024 issue of CIVIL magazine was on the theme of "Lessons and Perspectives from Southeast Asia". IAC compilers/ guest editors were Shunde Yin, Van-Thanh-Van Nguyen, and Brian C. Burrell. Contents of the special issue as submitted are as follows:

- Shunde Yin, Van-Thanh-Van Nguyen, Brian C. Burrell: Preface to the Issue
- Woon Yang Tan and Chow Hock Lim (Malaysia):

Climate Change Adaptation Initiatives in Malaysia

- Nguyen Mai Dang (Vietnam): Community-Based Disaster Risk Management in the Context of Climate Change: a Lesson Learned from Nam Dien commune, Nam Dinh province, Vietnam
- Wiryanto Dewobroto (Indonesia): Comparison of Construction Strategies for Two Large Span Steel Roofs in Indonesia
- Julius (Indonesia): Some Aspects of Civil Engineering Culture in Indonesia
- Janaka Ruwanpura and Seniru Ruwanpura (Canada): Safeguarding Innovation: The Impact of Canada's National Security Guidelines for Research Partnerships on Civil Engineering Firms and Academics.

The request for a Collection [special issue] of peer-reviewed papers on "Comparative Studies of Foreign and Canadian Civil Engineering" has been accepted by the CJCE Editorial Board. The papers could be comparisons of foreign and Canadian engineering education, codes of practice, design codes, and projects. Work on the Collection will proceed this autumn with a call for submissions.

IAC has prepared plans for an online (and possibly limited print) publication of a Booklet of International Topic Extended Abstracts. The abstract booklet would include extended abstracts submitted to the International Forum and the CSCE annual conference, and extended abstracts from members of foreign engineering societies. IAC members will serve as volunteer editors and compilers.

International Forum

A successful International Forum was held at the CSCE 2024 Annual Conference in Niagara Falls, Ontario. Planning was carried out with respect to the International Forum to be held in conjunction with the CSCE 2025 Annual Conference, to be held at the Fairmont Hotel in Winnipeg, Manitoba, from May 28 to 30 inclusive, 2025. For more information, refer to the Vice-President International's section of the report. Given the importance of foreign connections in a changing geopolitical climate and the increasing interest in the International Forum, IAC hopes that

the International Forum can increase to two or three sessions during the 2026 CSCE Annual Conference.

International Relations

IAC continues to develop, promote, and implement agreements of cooperation with foreign, and international engineering and environmental societies. During 2024-2025, IAC has re-engaged with several foreign engineering and environmental societies, including but not limited to the Institution of Engineers India (IEI), Korean Society of Civil Engineers (KSCE), the Chinese Society for Environmental Sciences Society (CSES), the Jamaican Institution of Engineers (JIE), the Bahamas Society of Engineers (BSE), and the Mexican Federation of Civil Engineering Institutions (Federacion de Colegios de Ingenieros Civiles de la Republica Mexicana, A.C.).

Conferences

A successful KSCE-CSCE Joint Session was held Thursday, October 17, 2024, as part of the KSCE 2024 Convention (2024 Conference & Civil Expo) held in Jeju, Korea, from October 16-18, 2024. There were six presenters including IAC members Rishi Gupta and Khaled Sennah.

Future Projects

IAC is envisioning a greater CSCE and Canadian engineering role in the world. IAC seeks opportunities to undertake or participate in foreign/international projects related to sustainability, sustainable development, and poverty alleviation, which was a major undertaking of IAC from about 1990 to 2010. Conceptually, IAC hopes eventually to undertake projects such as international conferences organized and (or) hosted by the CSCE with or without foreign partners, greater exchanges of information and technical exchanges/ visits between the CSCE and foreign engineering societies, short courses/workshops on international and additional theme issues of CIVIL magazine and special publications. Our volunteers are very capable, but operationally we are constrained at present by socio-political considerations and by the administrative and financial situation of the CSCE.

International Region Council (IRC)

An International Region Council (IRC) as per other councils of CSCE Regions (e.g. Atlantic Region, Ontario Region) has yet to be established. IRC establishment will be considered once the financial situation of the CSCE improves.

Hong Kong Branch

The CSCE Hong Kong Branch (HKB), the first and only overseas branch established in 2007, has been promoting the objectives of CSCE and Canadian practice of civil engineering in Hong Kong and its vicinity by contributing to local civil engineering and profession, and by organizing diverse professional and educational activities, growing partnerships with local government, industry, and communities. On August 27, 2024, IAC members Shunde Yin and Brian Burrell met in-person and online, respectively, with a few members of the CSCE-HKB Executive.

A member of the CSCE-HKB was asked to represent the CSCE at the Grand 50th Annual Dinner Hong Kong Institution of Engineers (HKIE) held on Thursday, 3 April 2025 at the Grand Hall of Hong Kong Convention and Exhibition Centre, Wanchai.

Summary and Concluding Remarks

During 2024-2025, the International Region has continued to contribute to the success of the CSCE. Despite what IAC accomplished during 2024-2025, much more remains undone and it is hoped that 2025-2026 will be a year of major IAC accomplishments, including greater engagement with foreign and international engineering societies.

The focus will remain to build and maintain our relationships with our sister organizations around the world.

YOUNG PROFESSIONALS COMMITTEE

The committee is inactive; nominees for Chair were submitted in 2025 and thus there is no official report for 2024.

STUDENT AFFAIRS COMMITTEE

The Student Affairs Committee was re-formed in early 2025; thus, there is no official report for 2024.

Report of the Honorary Treasurer

Richard S. Lanyi, P.Eng., FCSCE

The Canadian Society for Civil Engineering (CSCE) continued to make progress in improving its financial health in 2024 as a result of some of the following initiatives:

- Development of short- and medium-term Financial Management strategies and objectives
- Regular attention to operating revenues and expenses
- Quarterly reviews of financial performance and timely adjustments to budgets
- Development of a Debt Reduction strategy
- Management of the Annual Student Competition
- Raising the awareness of financial matters with CSCE Executive
- Establishment of a Revenue Generation Subcommittee of the Finance Committee
- Establishment of a Corporate Partners Liaison Committee

The following is a snapshot of the CSCE's current financial situation:

- 2024 has been our most successful year, financially, in several years
- Financially, we have rounded the bottom of the curve and are trending in a positive direction, our challenge today is to maintain that positive growth amongst declining membership and strong economic headwinds
- Revenues continue to be low, which hinders our ability to grow; we need to promote aggressively to increase membership and corporate sponsorships, and to add more technical programs
- We still carry considerable debt; though we have made good progress in reducing that burden in 2024, we need to keep focused on paying this down

- Our operating expenses are fairly stable and well managed, we need to focus now on cost control (not cost cutting), and we need to invest significantly in promotions and marketing, as well as new technologies to help us be operationally more productive and efficient
- Though our financial stability has improved, we still have a ways to go and we need to focus on updating our organizational structure to support growth in a very timely fashion

Financial Planning Objectives and Strategies

Our financial planning objectives include increasing revenue, reducing debt, controlling costs, optimizing resource utilization, enhancing promotions and marketing services, and generating a reasonable annual surplus. These efforts will ensure a resilient and sustainable financial future, enabling growth and the delivery of high-quality programs for our membership and Civil Engineers across Canada.

Some of our strategic initiatives include:

- Expanding the mandates of our management and coordinating committees, aligning their focus with these objectives while streamlining operations to enhance the Society's value
- Revising the Finance Committee's terms of reference to strengthen financial planning and oversight, while ensuring clear reporting to the Board of Directors
- Contributing to proposed revisions of CSCE By-Laws to better reflect the Society's current and future operations and its resilient and sustainable future
- Establishing a business case framework for evaluating and approving new programs and initiatives, emphasizing financial management, risk assessment and mitigation, and ensuring a reasonable return on investment

2024 Budget Performance

This year, we reformatted the budget by separating Operating and Program revenues and expenses to provide a clearer view of financial performance. From an operating perspective, our focus remains on maintaining a balanced budget, ensuring flexibility to adjust expenses according to actual revenues while preventing an increase in our current debt. From a programming perspective, this approach offers valuable insights into program management and execution, reinforcing our commitment to avoiding additional financial burdens.

As CSCE now operates within a balanced budget framework, our primary opportunity for growth lies in generating profitable new programs that allow reinvestment in enhanced services for our members and supporters. However, this year did not see the introduction of any significant new programs.

The positive news for 2024 is that we exceeded our Net Revenue targets by more than \$60,000. Nevertheless, several unanticipated revenue opportunities and expenses led to considerable changes in the original budget. Fortunately, unexpected revenue gains outweighed unforeseen costs. To enhance budget performance management throughout the year, we have adopted the practice of generating quarterly cash flow forecasts.

Thanks to the efforts of Karma Link, who manage our day-to-day operations, we successfully balanced our Operating Revenues and Expenses, despite budget growth of 12% to 14% by year-end. Operating Revenues benefited from unbudgeted contributions, including Sustaining Members, Interest Income from GICs, and Publication Royalties.

Operating Expenses increased due to higher costs for the 2023 audit, loan interest payments, and an unbudgeted office rental expense. The latter was part of a negotiated settlement to cancel our lease agreement for office space we no longer occupy. This was ultimately a positive development, as it allowed us to eliminate a significant liability. We appreciate Karma Link's role in securing a favourable settlement on our behalf.

Membership rebates to CSCE Sections, along with the sharing of Net Revenues from the Annual

Conference, have been withheld again until sufficient Operating Revenue is generated to reinstate these payments. The revenue-sharing program developed in 2023 was abandoned due to logistical challenges related to CSCE's legal obligations as a non-profit organization, as well as those of individual Sections and Regions. To address this, the Finance Committee is establishing a Task Force to create a new, equitable financial framework between National operations and local Sections and Regions.

Net revenues from the 2024 Annual Conference fell short by approximately \$11,000 due to more than \$15,000 in unbudgeted CSCE expenses. These expenses had previously lacked clear definition, but we now have a structured approach for capturing, managing, and reporting them.

This year, CSCE National operations took on the financial management of the Annual CSCE Student Competitions — an unplanned but significant undertaking involving substantial revenues and expenses. Thanks to Karma Link's financial expertise, the competitions generated a noteworthy net revenue, more than offsetting the reduction in Annual Conference net revenues.

The Envision Program is designed as a long-term, non-profit initiative with considerable program management and training expenses. Cash flow remains unpredictable due to irregular royalty payments. However, in 2024, the program generated a modest net revenue. Efforts are now underway to ensure these funds are reinvested in subsequent years to mitigate cash flow fluctuations.

Assets and Liabilities

At the beginning of 2024, CSCE held approximately \$432,000 across two GIC investments. Liabilities included a Line of Credit balance of around \$445,000, plus over \$170,000 in additional debts, bringing the total debt burden to approximately \$615,000. The cost of servicing this debt significantly outweighed the interest income from investments.

However, in 2024, \$323,000 in GICs matured, enabling a substantial reduction in our Line of Credit. As a result, our current assets now stand at approximately \$110,000, while current liabilities

have decreased to around \$270,000. Though debt servicing costs still exceed investment income, the imbalance has been notably reduced.

The Finance Committee struck a Task Force in Q3 2024 to develop a debt reduction plan for moving forward. This plan includes the following:

- Retain any surpluses in 2024 as a buffer to offset 2025 operating expenses
- Prepare and manage to a balanced operating budget in 2025
- Prioritize payment of debts with the highest interest rates (Line of Credit)
- Prioritize any surpluses from 2025 operations and programs towards further debt reduction, with a focus on paying back those Sections and Regions with the largest needs
- Negotiate arrangements with the bank to release the remaining GIC investment as collateral to utilize those funds to further reduce and/or eliminate the Line of Credit

Revenue Generation and Value Creation

The Finance Committee has established a Subcommittee dedicated to Revenue Generation. Its mandate is to collaborate with CSCE Committees, Sections, and Regions to develop and propose innovative strategies for increasing the Society's revenue. Additionally, the Subcommittee is tasked with defining the Society's value proposition and effectively promoting it to members, partners, and

Civil Engineers across Canada. The process of establishing this Subcommittee is currently underway.

CSCE Foundation

In Q2 2024, MNP was commissioned by the CSCE to recommend best practices for receipt and use of charitable donations. In particular, CSCE was interested in understanding how these best practices apply where CSCE undertakes activities for and/or on behalf of the CSCE Foundation. MNP recommended the following:

1. That the Foundation open its own bank account and that any/all donated funds received be deposited directly into that account. They recommend that the funds not be deposited into the account of, or held by, CSCE for any period of time.
2. That CSCE should not be collecting donations on behalf of the Foundation. If the Foundation will be issuing tax receipts for donations, it should be receiving and depositing those funds into its own bank account.

Following these recommendations, the CSCE Foundation has established its own bank accounts to independently manage donations and issue tax receipts. The transfer of CSCE Foundation funds from CSCE National to the Foundation's bank account is currently in progress.

Report of the Foundation

Randy Pickle, P.Eng., FCSCE, FEC, FEIC
Senior Trustee, CSCE Foundation

The CSCE Foundation is a registered charity whose purpose is “to acknowledge contributions of a civil engineering nature made by people for the benefit of society, and to recognize outstanding civil engineering works which have contributed to the development of Canada.” The CSCE Foundation includes the Canadian Society for Civil Engineering

Foundation Trustees General Fund, the History Program Fund, the Donald Jamieson Fellowship Fund. Although the Foundation is independent of the Society, its financial statements are included for information in this Annual Report. The following table summarizes the financial position of the Foundation as of December 31, 2024.

CSCE Foundation Financial Position	Year				
	2020	2021	2022	2023	2024
Income					
Interest, dividend income and valuation gains	\$32,666	\$42,685	(\$51,827)	\$37,368	\$12,390
Donations	\$5,807	\$19,890	\$4,815	\$6,810	\$5,443
Expenses					
Awards, administration, publications	\$12,531	\$0	\$8,796	\$9,640	\$13,482
Net Change	\$25,942	\$62,575	(\$55,808)	\$34,538	\$4,351
Net Assets					
Foundation Fund					
History Program Fund	\$3,364	\$14,944	\$15,302	\$17,060	\$18,168
General Fund	\$229,967	\$256,697	\$218,627	\$234,100	\$232,992
Donald Jamieson Fund	\$144,513	\$168,779	\$150,683	\$167,991	\$172,342
Total Net Assets	\$377,844	\$440,420	\$384,612	\$419,150	\$423,502
Percent Growth from Previous Year (Net)	7.4%	16.6%	-12.7%	9.0%	1.0%

The Trustees have established two primary goals for the Foundation, going forward:

- Actively seek to grow the funds of the Foundation,
- Provide funds for member recognition through awards.

In 2018, to support the goal of growing the funds of the Foundation, the Trustees revised the Investment Policy, in consultation with RBC Dominion Securities. The investment objective of the CSCE Foundation is to earn a return of approximately 4% in excess of all administration costs, investment management fees,

and inflation. With this in mind, the target minimum rate of return required to meet these objectives is approximately 7%. To achieve the required rate of return, the target asset allocation of the Portfolio should be: Cash – 5%, Fixed Income – 35%, Equities – 60%. As market conditions dictate, the asset allocation may be adjusted within the following ranges to manage risk and to accomplish the investment return objective of 7%.

Asset Class	Minimum	Target	Maximum
Cash	0	5	40
Fixed Income	20	35	50
Equity	50	60	70

The Trustees continue to be guided by RBC Dominion Securities for ongoing fund management.

In 2024, the Foundation entered into an arrangement with Canada Helps to improve the management of member donations. Donations may be made at <https://www.canadahelps.org/en/charities/canadian-society-for-civil-engineering-foundation-trusteesa/>.

Official receipts for income tax purposes will be issued to donors immediately upon finalization of the transaction. All members of the Society are urged to consider making donations to the Foundation for which official receipts will be issued for income tax purposes. Members are also encouraged to include bequests to the CSCE Foundation or to a specific award.

Trustees (2024):

Michael Bartlett, London, ON
 Daniel Burns, Calgary, AB
 Jim Gilliland, Calgary, AB
 Randy Pickle, London, ON
 Lloyd Waugh, Fredericton, NB

Report of the Vice-President – Administration Coordinating Committee

F. M. Bartlett, P.Eng., F.CSCE

This report briefly describes the activities of the Administrative Co-ordinating Committee since the current Vice President assumed the role from Peter Langdon on June 7, 2025. The following committees report to the VP-ACC:

- Conference Committee
- Corporate Partners Liaison Committee
- Honours and Fellowships Committee
- Information Technology Committee
- Marketing, Communications and Promotions Committee
- Membership Committee

Several of these committees have not been active for several years and their Terms of Reference, if they exist, are often obsolete. A major initiative of the ACC has been to repopulate these committees and provide them with revised Terms of References.

Conference Committee

The CSCE Annual Conference Manual had not been revised since August 2020 and so does not reflect the new arrangements involving service provider Karma-Link. A revised and considerably condensed version of the Manual was approved by the Board on December 7, 2024. The Annual Conference Manual is a living document – the next revision should address the division of annual conference surpluses between Sections, Regions, and the National Organization and a standard schedule of committee meetings for upcoming annual conferences.

As part of this initiative, the Terms of Reference for the CSCE Conference Committee were revised and approved at the December 7, 2024, Board Meeting. Responsibilities for selecting future Annual Conference locations are now assigned a subcommittee consisting of the Regional Co-ordination Committee, and the selection of future

Specialty Conferences is assigned to a subcommittee consisting of the Program Co-ordination Committee.

Meetings with the leads of the 2026 Annual Conference (Quebec City) and 2028 Annual Conference (Charlottetown) have taken place. We are grateful to Graham Sterparn, F.CSCE for his continued service as Chair of the CSCE Conference Committee.

Corporate Partner Liaison Committee

CSCE's Corporate Partner Program was significantly restructured in 2024, with partnership levels dependent on the number of engineers employed by the corporate partner. A new short Corporate Partnership brochure was created, approved, and circulated. CSCE Corporate Partners no longer automatically receive complementary CSCE Memberships.

New Terms of Reference for a revised Corporate Partner Liaison Committee were approved at the December 7, 2024, Board Meeting. A new initiative will be to hold a meeting of the CSCE Corporate Partners at the Annual Conference, to identify how the Society can better support its Corporate Partners.

Honours and Fellowships Committee

Please see report below from H&F Chair Cathy Lynn Borbely.

Information Technology Committee

This committee has been inactive for several years. New draft Terms of Reference were prepared for comment in March 2025. It is intended that this committee be rejuvenated and resume meeting in the near future.

Marketing, Communications and Promotions Committee

New Terms of Reference for this committee were

approved at the December 7, 2024, Board Meeting. Its responsibilities include

- Overseeing and developing the strategy for promoting the Society.
- Developing strategies and initiatives to encourage new members to join the Society.
- Developing initiatives to inform CSCE Members (including Student Members), Corporate and Sustaining Partners, and the general public about the Society's activities.
- Overseeing and recommending content for the Society's website and other communications.
- Developing policies to unify CSCE communication and branding initiatives.

Membership Committee

Mike Benson's term as Chair of the CSCE Membership Committee ended in 2024 and we are delighted that Hazel Battad has agreed to assume this role.

HONOURS AND FELLOWSHIPS COMMITTEE

Chair: Cathy Lynn Borbely, P.Eng., FCSCE, FEIC

The Honours and Fellowships (H&F) Committee is responsible for reviewing all nomination packages that recognize eligible members of the Society for fellowships and awards in the CSCE. Various selection committees, which report to the H&F Committee, recommend recipients for up to 11

career awards, two organizational awards, one graduate student fellowship, one Young Professional Engineer Award, and five "Best Paper" awards. The H&F Committee is also responsible for the award presentations at the gala evening at the CSCE Annual Conference.

The gala at the 2024 CSCE Annual Conference in Niagara Falls, Ontario, was a true success and well organized by the committee. It included awarding the new Ralph Haas Award, for the first time to Dr. Susan Tighe, F.CSCE in recognition of her outstanding contributions to sustainable infrastructure practice and/or research in Canada in any of the following areas: construction, transportation, sustainable development, asset management, and pavement management.

The H&F Committee is also tasked with the high-level review of nominations for fellowships and other senior awards of the Engineering Institute of Canada.

The H&F Committee strives to have Fellows and award recipients that represent the diversity of the civil engineering profession. We were delighted to work with the CSCE Board of Directors to create the new "Leadership and Advocacy in EDIA in Civil Engineering Award" in late 2024 that will be awarded for the first time at the 2025 Annual Conference in Winnipeg.

In 2024, H&F Committee members worked with regions and sections and helped facilitate the nomination process for Fellows, organizational awards, and the Young Professional Engineer Award.

Report of the Vice President, Technical Divisions and Committees

Famaz Sadeghpour, PhD, FCSCE

The 2025 AGM marks the end of a very enjoyable term as the Vice-President of Technical Divisions and Committees. It has been an absolute pleasure to work alongside the Technical Divisions and Committees, observing their remarkable contributions to the civil engineering profession and community.

In addition to the invaluable work conducted by each Technical Division and Committee, we have been able to initiate a number of new and exciting initiatives in the Programs Co-ordinating Committee (PCC) in the past year that are aimed to enrich the contributions of the society and foster greater engagement and collaboration within the community:

1. **D3:T3 Tech Talks:** Following the success of CSCE's Tech Talks, we launched the PCC's "Division Deep Dives : Tech Talk Thursdays" (D3:T3) series the D3:T3 talks provide a dedicated space for PCC Technical Divisions and Committees to deliver seminars and discussions with an in-depth technical focus. With leadership from Dr. Bronwyn Chorlton and solid support from the National Tech Talk Co-ordinating Committee, the series was launched in late fall 2024, and four successful sessions have been conducted.
 - *ReconciliACTION in Civil Engineering* – Dr. Mark Green (EDIA Task Force)
 - *Draft International Standard - Guidelines for resilient infrastructure, ISO/DIS 22372* - Guy Felio (Structures Division)
 - *Canadian Water Supply & Security in the 21st Century*, Dr. Tricia Stadnyk (Hydrotechnical Division)

- *Strategy in Managing Engineering Projects: A Game Theory Lens*, Dr Pouya Zangeneh (Engineering Management)

Programming for fall 2025 has already begun, and the series will resume after a summer break. Talks for the upcoming year are continually being scheduled and will include Dr. Rishi Gupta (University of Victoria) and Dr. Ramla Qureshi (McMaster University). If you would like to propose a talk in the coming year, you can reach out to Dr. Bronwyn Chorlton at Bronwyn.chorlton@ucalgary.ca.

2. **Sustainable Development Specialty Conference:** We organized the first Sustainable Development Specialty Conference with support and leadership from the Sustainable Development (SD) Committee, led by Dr. Erik Poirier (*ETS*) as committee chair. The focus of this conference was on the UN's Sustainable Development Goals, emphasizing the role of the civil engineering profession in achieving these goals. We received a large number of thought-provoking contributions in this inaugural year. I trust that this will be a great start for regularly organized SD specialty conferences for years to come.
3. **Piloting Technical Courses:** We piloted our first technical course (an online short course) on "*Project Claims and Disputes in Engineering and Construction*" with support from the Engineering Management Technical Committee, which received positive feedback and strong attendance. This success sets the stage for more divisions and committees to develop similar courses in the future. If there are technical areas

where you believe offering courses can benefit the society, please reach out to VP Technical with your proposal.

4. **Support for the Formation of New Committees:**

Over the past year, I have worked with a group of Building Engineering practitioners and researchers to facilitate the proposal for a new Building Engineering Technical Committee. Their proposal is finalized and submitted to the board for approval. We have also started conversations about establishing a new technical committee on Civil Engineering Education. Both initiatives aim to broaden our technical and educational expertise within the society.

5. **CSCE–CJCE Collaboration:** We proposed the formation of new “specialty journals” under the Canadian Journal of Civil Engineering (CJCE) umbrella, enhancing accessibility and providing evergreen collections for knowledge dissemination.

In the past year, I spent significant time on a collaboration proposal with the Canadian Journal of Civil Engineering (CJCE) to propose new Canadian *specialty* collections aligned with the expertise available at the CSCE’s Technical Divisions and Committees. These “specialty journals” will serve as evergreen collections for disseminating knowledge supported by CSCE Technical Divisions and Committees, enhancing accessibility for Canadian audiences and authors. This initiative aims to support research and technical advancements within the Canadian context. The CSCE Technical Divisions and Committees will play a leading role in editorial capacities, ensuring the high quality and relevance of these publications.

6. **Support for Local Organizing Committees (LOCs):**

In the past year I worked closely with LOCs for the specialty conferences in the current and upcoming CSCE annual conferences, including Winnipeg (2025), Quebec City (2026), and Calgary (2027). My role was to facilitate the

communications between Technical Divisions and Committees and the respective LOCs, ensuring cohesive planning and execution, and continuity of specialty conferences throughout the years.

Notwithstanding the newly developed proposals, there are currently 10 Technical Divisions and Committees within PCC. Working with these divisions and committees has been immensely rewarding and inspiring, not only in the past year, but through the past 4 years, in my two terms as the VP Technical. The dedication and innovation of executive and council members of these committees and divisions will continue to enrich the knowledge base of civil engineering in Canada. I am confident that the initiatives we have undertaken will continue to drive progress and inspire future endeavors.

Below are the reports of the current Technical Divisions and Committees at the CSCE. I encourage all members to reach out to the Technical Divisions and Committees and engage in contributing to our shared mission in expanding technical knowledge in Civil Engineering.

TECHNICAL DIVISIONS

CONSTRUCTION DIVISION

Chair: Dr. Mazdak Nik-bakht

Vice Chair: Dr. Sara Rankohi

Secretary: Dr. Zhen Lei

The Construction Division had a busy and successful year. The Division led the organization of the upcoming 2025 Construction Specialty Conference, which will be held jointly with the ASCE Construction Research Congress (CRC), the 42nd International Symposium on Automation and Robotics in Construction (ISARC), and the Modular and Offsite Construction (MOC) Summit in Montreal in July 2025. This joint effort resulted in a record number of

385 submissions and 230 accepted papers for the CSCE Construction Specialty/CRC conference alone. Including ISARC and MOC participants, we anticipate between 300 and 400 attendees at this year's conference.

This year, two new task forces were initiated with the Division. The first, launched in collaboration with ASCE CRC, focuses on advancing "**Canada-US collaborations around Circular Economy practices in construction**", and was announced during the March 2024 CRC conference. This task force brings together a critical mass of R&D specialists from **academia, industry, and government** on both sides of the border. It aims to engage stakeholders in strategic discussions and provide direction to ensure that the North American construction sector does not fall behind other regions of the world in adopting innovative, sustainable solutions to maximize resource efficiency.

The second task force, titled "**Rethinking Construction in Canada**", will be officially launched at the 2025 conference, addressing the emerging needs for mass residential construction nationwide. Meetings and pre-meetings for both task forces are scheduled the day before the conference.

The Division also successfully revived the Construction Graduates Colloquium as an in-person event. Scheduled for the day before the 2025 conference, the Colloquium will engage MSc and PhD students in a full day of workshops and training sessions, culminating in a 3-Minute Thesis competition. Winners will be recognized during the 2025 Construction Specialty conference gala.

ENVIRONMENTAL DIVISION

Chair: Dr. Onita D. Basu

In 2024, the Environmental Division was involved in the organization of the 22nd International Environmental Specialty conference. Kelvin Ng was the Chair of the conference, and Onita Basu was co-chair. At the end of the conference, there was a transition of positions with Onita Basu becoming CSCE Chair of the Environmental Division. The 2024 specialty conference included 56 talks over seven sessions. A total of six student papers were short-

listed and one paper selected for the 2024 ENV best student paper award (Zoe Jeaurond, Carleton University, "*Does your backwash matter? Influences on filter media health*").

The 2024/2025 Environmental Division committee members are: Onita Basu, Kelvin Tsun Wai Ng, Jinkai Xue, Chunjiang An, Edward Tam, Rania Hamza, and Oliver Iorhemen. At the annual 2024 ENVE general meeting, we acknowledged Kelvin Tsun Wai Ng for his dedication to the Division and Onita Basu held a brief on the coming year. Several plans were discussed at the general meeting and into the Fall 2024 term. Many great ideas were discussed such as a podcast, higher student engagement, specialty tech talks, and a three-minute event. Of all the concepts discussed, one major suggestion that has been implemented into the 2025 CSCE conference is a three-minute competition for Environmental Students. If successful, we will look to expand this program.

HYDROTECHNICAL DIVISION

Chair: Dr. Zahidul Islam

Vice Chair: Dr. Zoe Li

Secretary: Wenming (William) Zhang

(All are finishing their 1st year in the 1st term)

The Hydrotechnical Division develops CSCE's leadership role in advancing multidisciplinary research and professional practice in the field of water resources and hydrotechnical engineering from both practice and academia. The activities and progress made by the Hydrotechnical Division in 2024 are summarized as follows:

Updating Council Membership: The council comprises 19 members. Council membership has been maintained and updated regularly to ensure leadership and management of the team. The council also developed a form to solicit subscription for the CSCE Hydrotechnical Council updates and news.

Enhancing Public Communication: The council enhanced its public communication through dedi-

cated email address and social media platforms.

- The CSCE Hydrotechnical Gmail Account: CSCE.Hydrotechnical@gmail.com to send general information about the council.
- CSCE Hydrotechnical Facebook Page: <https://www.facebook.com/cscehydrotechnical/>
- CSCE Hydrotechnical LinkedIn Page: <https://www.linkedin.com/company/cscehydrotechnical>

Organizing Specialty Conference: The council played the lead role in organizing the Hydrotechnical Specialty Conference 2024 and 2025 at the CSCE Annual Conference. The Council also took the initiative to develop a partnership with the 10th International Conference on Flood Management (ICFM10).

Technical Talks: The Council has collaborated with PCC to organize and participate in the new Tech Talk series, Deep Division Dive : Tech Talk Thursdays, exclusively dedicated to the Technical Divisions and Committees. The Hydrotechnical Division has a slot on 19 June 2025 at 1 PM Eastern Time.

TRANSPORTATION DIVISION

Chair: Dr. Alex de Barros

Vice Chair: Dr. Kelly (Yili) Tang

Secretary: Ms. Alaa Torkey

Other Council Members:

Mr. Michel Khouday (Past Chair), Executive Vice-President, SAJO

Dr. Mohamed Zaki Hussein, Assistant Professor, Western University

Dr. Trevor Hanson, Professor, University of New Brunswick and President, Canadian Transportation Research Forum

Dr. Saeid Saidi, Associate Professor, University of Calgary

Over the last year, the Division has been hard at work promoting CSCE among transportation engineering professionals in Canada. This task is ongoing and we are hoping to take advantage of the limited access to

the United States to grow our membership. In 2024 the Division held a successful Transportation Specialty Conference that was coming back to life after a few years of absence.

No changes are being made to the Executive Council for the upcoming year. The Council looks forward to continuing with the expansion of our membership and offering technical activities such as webinars and short courses in transportation.

ENGINEERING MECHANICS AND MATERIALS (EMM) DIVISION

Chair: Mohamed Bassuoni

Vice Chairs: Ahmed Soliman and Muntasir Billah

Secretary: Ahmed Bediwy

(All in their 1st year in these positions)

The Division held the following main activities in the past year:

CSCE Materials Specialty Conference – May 2025: Organized by M. T. Bassuoni and A. Soliman (Co-Chairs). A total of 50 papers were submitted and successfully reviewed.

Technical Talk – October 2024: Topic: “Physical Salt Attack of Concrete”, delivered by M. T. Bassuoni. The webinar was well-attended and positively received by the CSCE membership.

Special Issue – Canadian Journal of Civil Engineering (CJCE): Guest Editors: M. Bassuoni, C. Ouellet-Plamondon, and R. Karmarker. In October 2024, 27 abstracts were received and screened, leading to 15 invited submissions. By March–April 2025, nine full papers were submitted and are currently under review. The issue is expected to be completed by the end of 2025, with publication likely within 2026.

STRUCTURES DIVISION

Chair: Dr. Ehab El-Salakawy

Vice Chair: Dr. Ahmed Elshaer

Other council members of the Division:

Advanced Composite Chair: Ahmed Reteil

Masonry Structures Chair: Mohamed Ezzeldin

Steel Structures Chair: Kyle Tousignant
Structural Dynamics Chair: Kaveh Arjomandi
Concrete Structures Chair: Muntasir Billah
Bridges Chair: Khaled Sennah
Wood Structures Chair: Farah Hafeez
Fire Behaviour Chair: Bronwyn Chorlton
Existing Structures Chair : Fadi Ouda
Industry Liaison Chair : Tanvir Qureshi

The Structures Division successfully organized the Structural Specialty Conference in Niagara Falls, ON, in 2024, which received 226 full papers with oral presentations. The Division's meeting, held during the conference on June 6, 2024, at 5:30 PM (EDT), was chaired by Dr. Ehab El-Salakawy with Dr. Ahmed Elshaer as Vice-Chair. The meeting was attended by 41 participants. During the meeting, elections were held for the vacant positions of chairs and vice-chairs of various committees. Each Committee chair presented a verbal summary of their committee's activities.

The date of holding the 9th Advanced Composite Materials for Bridges and Structures Conference (ACMBS-IX) was discussed with no consensus. A follow-up survey was conducted to select the place and date of this conference, and it was decided to hold it in conjunction with the CSCE-2025 Conference in Winnipeg.

TECHNICAL COMMITTEES

COLD REGIONS COMMITTEE

Chair: Dr. Jianbing Li
Vice Chair: Dr. Phalguni Mukhopadhyaya
Secretary: Dr. Jinkai Xue
 Other council members:
Dr. Zhong Li, Associate Professor, McMaster University
Dr. Di Wang, Canada Research Chair in Cold Regions Roads, University of Ottawa

The activities and progress made by the Cold Regions Committee in the past year are summarized as follows:

- In 2024, the division contributed to the 2024 CSCE Cold Regions Specialty Conference, with three sessions provided: "Cold Regions Hydraulics and Hydrology", "Cold Regions Construction and Infrastructure", and "Cold Regions Environment and Other Topics". A total of 20 papers were presented, and the Best Student Paper Award went to Mr. Jianliang Mao (PhD student) at the University of Northern British Columbia.
- The Cold Regions Committee was updated by including a new member: Dr. Di Wang, Canada Research Chair in Cold Regions Roads at the University of Ottawa.
- On January 22, 2025, the Committee moderated a CSCE National Tech Talk – 2024/25 Edition, and Dr. Yuntong She from University of Alberta delivered the webinar titled "Understanding and Predicting Ice Impacts on Northern Rivers".
- The Committee contributed to edit a special issue on "Climate-Resilient Engineering and Sustainable Futures for Canada's Cold Regions" in CSCE's Civil Magazine, and all the Committee members served as the guest editors. Four papers were published in the 2025 Spring-Summer issue of Civil Magazine: "Spring Ice Jam Flood Risk Forecasting in Northern Canadian Communities", "North of Ordinary: Overcoming Construction Challenges in Canada's Arctic Regions", "The Application of Artificial Intelligence to Cold Region Flood Prediction", and "Transforming Water Treatment Residual (WTR) into Ceramsite: A Successful Story of a Research Partnership". We thank all the authors for their valuable contributions.

In 2025, we are organizing the Cold Regions Specialty Conference for the 2025 CSCE Annual Conference. We have received 22 papers for this conference.

SUSTAINABLE DEVELOPMENT COMMITTEE

Chair: Dr. Erik Poirier

Vice Chair: Dr. Prabh K. Banga

The SDC met two times over the course of the past year. We have completed the leadership roster with the addition of a secretary. The SDC has worked on the development of a specialty conference at the CSCE 2025 conference. Initiatives such as adaptation of ASCE's sustainable infrastructure standard to the Canadian context and the development of "sustainability talks" are still ongoing.

ASSET MANAGEMENT COMMITTEE

Chair: Dr. Arnold Yuan

Vice Chair: Mike Benson

In the past year, the Asset Management Technical Committee has been engaged in the following activities:

- Organized a special session on asset management under the general 2024 CSCE Conference
- Organized the review for the 2025 Construction Conference related to asset management
- Led a Tech Talk webinar given by Prof. Rebecca Dziedzic of Concordia University on failure rate of water main breaks.

ENGINEERING MANAGEMENT COMMITTEE

Chair: Dr. Pouya Zangeneh

Vice Chair: Navid Torkanfar

Secretary: Mohamed Sabek

Following the successful launch of the committee and the inaugural Engineering Management Specialty Conference in 2024, this year marked a period of consolidation and forward planning for the CSCE Engineering Management Technical Committee. The committee has begun formalizing its governance structure and expanding its core activities.

Throughout 2025, we built on the momentum

generated in Niagara Falls by establishing nominees for the committee board and outlining a regular meeting schedule. The committee plans to convene once every two months starting from the summer of 2025 to maintain engagement and guide strategic initiatives. These meetings will serve as a platform to prepare for our next major event, which is the 2026 Engineering Management Specialty Conference.

We also launched a professional development program through a series of short courses designed to serve engineers and managers across the industry. The first course, *Project Claims and Disputes in Engineering and Construction*, was delivered on November 18, 2024, featuring Prof. George Jergeas, a leading expert in construction management and dispute resolution. Building on its success, we plan to offer additional short courses in 2025 as part of our commitment to ongoing knowledge exchange and capacity building.

2025 has been a year of foundational development and community building. With a regular schedule of activities, and new professional development offerings underway, the committee is well positioned to continue advancing the field and delivering value through interdisciplinary collaboration.

EDIA TASK FORCE REPORT

Farnaz Sadeghpour, PhD, FCSCE

Chair, EDIA Task Force

In 2023, the Board of Directors formed the Equity, Diversity, Inclusion, and Accessibility (EDIA) Task Force, with the mission of fostering a more inclusive and equitable environment within the CSCE. I had the honor of proposing, initiating, and chairing this Task Force, and I am grateful for the strong support from both the Board and the CSCE community at large. The past year has been fruitful, with the Task Force initiating and delivering a number of significant initiatives and projects:

1. **New Award: CSCE's Leadership and Advocacy for EDIA in Civil Engineering Award:** In close collaboration and with support from Honours and Fellowships (H&F) Committee, the task force

was able to establish the new Leadership and Advocacy for EDIA in Civil Engineering Award, which celebrates individuals who have made outstanding contributions to creating a more inclusive and equitable environment within CSCE and the profession of Civil Engineering. The inaugural winner will be announced at the 2025 CSCE Conference, marking a significant step in recognizing and promoting EDIA values within our community.

2. **Communications on Significant Occasions:** The Task Force took the lead in crafting and disseminating messages to the membership on key occasions such as Truth and Reconciliation and International Women’s Day. These communications, shared via social media and mass emails, reinforced our commitment to EDIA principles and fostered greater awareness and engagement.
3. **Tech Talk on Truth and Reconciliation:** The inaugural talk of the new D3:T3 series was organized by the EDIA Task Force and focused on the topic of Truth and Reconciliation, offered by Dr. Mark Green. The talk fostered meaningful dialogue and reflection, and it is hoped that similar talks will continue for the years to come.
4. **“Indigenize Civil” National Initiative:** A major accomplishment of the task force in the past year was the launch of the Indigenize Civil National Initiative, which brought together representatives from all civil engineering departments from across the country and Indigenous leaders, Elders, and Knowledge Keepers to define a roadmap for integrating Indigenous perspectives into the education and practice of Civil Engineering in Canada. The EDIA

Task Force led this initiative in collaboration with the *Council of Heads and Chairs* (Chaired by Dr. Samer Adeeb – University of Alberta), which represents the 30 accredited Departments of Civil Engineering programs in Canada, and the *Indigenous Perspectives Subcommittee* of the National History Committee (chaired by Kevin Baskin – BC). Additionally, the Task Force was able to secure funding from the Social Sciences and Humanities Research Council (SSHRC) to facilitate activities for this initiative from May 2025 to May 2026, including the opening and closing forums, enhancing the narratives of the National Historic Civil Engineering Sites with indigenous perspectives, online story-telling sessions, and development of a knowledge hub.

5. **Civil Engineering Magazine Special Issue:** The task force will be leading a dedicated issue of the Civil Engineering Magazine focused on Indigenous perspectives in fall 2025. If you would like to contribute to this issue, please contact me or any other member of the task force.

The EDIA Task Force believes that it has reached a level of maturity with established and ongoing initiatives. It is our hope that in 2025, the Task Force will transition into a standing CSCE committee, ensuring a lasting commitment to making the CSCE a more inclusive and welcoming environment for everyone. I would like to express a heartfelt thank you to the core members of the task force: Dr. Sheryl Staub French (BC), Dr Mark Green (ON), Dr. Bronwyn Chorlton (AB), and Ms. Zohra Alaoui (QC) for their strong support and contributions to all the activities described above.

Report of the Vice President, Technical Programs

Shahria Alam, PhD

The year 2024 has been a productive year, where the VPs of the Technical Programs and Technical Divisions and Committees worked jointly and accomplished a great deal. The following items are considered under Technical Programs.

Organization of Technical Programs: The Technical Program has two major units: (a) Technical Publications and (b) Education, with the Chairs for 2024–2025 listed below (except where the term is noted otherwise):

CSCE Technical Publications (Foundational areas)

Canadian Journal of Civil Engineering

Dr. Nihar Biswas & Dr. Amir Fam (2024–2026 Chairs)

Civil Magazine (Technical Lead Editor)

Dr. Joshua Woods

Technical Reports

Dr. Shahria Alam

e-Bulletin

Karma-Link Management Services Ltd.

Conference Proceedings

General Conference Chair

CSCE Technical Education

(Workshops/Courses/Training)

National Lecture Tour

Mr. James Garland

National History Committee

Dr. Ali Mahmood

Tech Talk webinars

Dr. Mike Bartlett / Mr. Peter Calcetas

Short Courses

Dr. S. Alam / Dr. F. Sadeghpour

The **Canadian Journal of Civil Engineering** (CJCE) is the official journal of the Canadian Society for Civil Engineering. The Editors-in-Chief, Nihar Biswas

(University of Windsor) and Amir Fam (Queen's University), work with the CSCE's awards committee for the Best Paper awards in different categories.

The **Terms of Reference** for the **Civil Magazine** Technical Lead Editor were created by the VP Technical Program in 2023, then Dr. Joshua Woods from Queen's University was jointly appointed as Technical Lead Editor by the VPs of the Technical Program and Technical Divisions and Committees. In 2024, the team continued the technical portion of the Civil Magazine with contributions to each issue from the Technical Divisions and Committees. A separate report is included later in this section.

CSCE welcomes publishing major **Technical Reports** from industry or academia. Please feel free to communicate with the VP Technical Program if you are interested in submitting such a report. This will go through a peer-review process before it can be accepted for publication.

CSCE **e-Bulletins** are emailed bi-weekly to all CSCE members, to keep them engaged in various activities and events of the society. If you are interested in having any CSCE- or civil engineering-related news or events included in the e-Bulletin, please reach out to Lesia Beznaczk (lesia@csce.ca).

CSCE publishes all the general and specialty conference papers through **Conference Proceedings** in collaboration with Springer. The general conference chair is the lead editor of the proceedings. The upcoming CSCE Annual Conference (<https://www.csce2025winnipeg.ca/>) will take place in Winnipeg, Manitoba, where the conference chair is Prof. Ehab El-Salakawy. CSCE is actively exploring alternative publishers for the conference proceedings to ensure a streamlined and efficient publication process.

National History Committee – A separate report is included later in this section.

Tech Talk webinars – A separate report is included later in this section. National Tech Talks have been organized successfully for several years. Tech Talk Thursdays were initiated in 2024 and have been a success.

Short Courses – In the fall of 2024, a short course (webinar) has been successfully offered. CSCE is looking into opportunities to offer various technical courses. If you are interested, please contact us.

CSCE's Technical Program is also exploring opportunities for international engagement for content delivery. If there is a need or opportunity, please feel free to contact us.

CIVIL Magazine

Lead Technical Editor: Dr. Joshua Woods

Summary of Activities: Working together with Lesia Beznacuk as well as fellow members of the Canadian Society for Civil Engineering, this has been a strong year for the CIVIL magazine. The focus of the magazine editorial team continues to grow in popularity, attracting attention from both academia and industry. Some key highlights from the year are summarized below:

1. Fall 2024 Issue on “Natural Protection of Coastlines”, Guest led by Delaney Benoit and Ryan Mulligan from Queen’s University. The issue highlighted the use of nature-based engineering solutions for the protection of coastlines. This included the a “Project Showcase” related to the Living Dyke project in British Columbia.

Online version: [Fall Issue on Nature Based Shoreline Design](#)

2. Winter 2024 Issue on “Lessons and Perspectives from Southeast Asia”, Guest led by Brian Burrel, in collaboration with the International Affairs Committee. This issue features five articles: two articles on climate change adaption: one at the national level (Malaysia) and one at the community level (Vietnam), one article on two construction strategies (scaffolding and lifting) for two large-span steel roofs in Indonesia, and one article providing a general overview of some cultural aspects of civil engineering construction

in Indonesia.

Online version: [Winter Issue on Lessons and Perspectives from Southeast Asia](#)

3. Spring-Summer 2025 Issue on “Cold Regions Engineering”, led by Di Wang of the University of Ottawa. This issue presented articles from both academia and industry on cold regions engineering in Canada’s North. Topics include spring ice jam flood risk forecasting, arctic regions construction, artificial intelligence prediction of cold regions flooding.

Online version: [Spring-Summer Issue on Cold Regions Engineering](#)

Planned Activities: Looking forward to the rest of the 2025 and 2026, the goal is to continue to expand the visibility of the magazine and broaden the scope to include areas of civil engineering that are less ‘mainstream’, including issues focusing on Indigenous Perspective on Civil Engineering as well as a broader issue on Sustainability in Civil Engineering. Furthermore, one of the goals in the coming year will be to attract more paid advertising to the magazine from industry. This could be accomplished by specifically targeting engineering consulting firms / suppliers who work in the area of the theme of an issue.

The following issues of the magazine are planned for the remainder of 2025 and into 2026:

1. Fall 2025 Issue on “Indigenous Perspectives in Civil Engineering”, Guest led by Farnaz Sadeghpour, University of Calgary.
2. Winter 2025 Issue on “Sustainability in Civil Engineering”, Guest led by Erik Poirier, ETS.

CSCE National History Committee

Ali Mahmood, Chair

The CSCE National History Committee (NHC) consists of 19 Members, plus one Section Representative and two Consulting Members. Mike Bartlett has completed his third term as Chair in June 2024, at which time Ali Mahmood, who was Vice Chair (Annual Conference Activities), assumed the Chair for a two-year term. Wesley Wilson’s term as Vice

Chair (Projects and Communications), ended in June 2024. We are grateful to Bruce Higgins for his continuing service as Secretary. Moving forward, we would particularly welcome additional Section Representatives.

Creating and monitoring CSCE Civil Engineering Historic Sites remains a mainstay of the NHC's activities. In the past year:

- The Welland Canal was approved by CSCE as a national historic site. Two plaques were unveiled at the 2024 Annual Conference in Niagara Falls: the Welland Canal and the Niagara Falls Generating Stations. The Niagara Power Generating Stations was approved by CSCE in 2005.
- The nomination document for the Conestogo River Bridge, as a national civil engineering historic site and the wording for its plaque, was approved by the NHC. The nomination document was also approved by the CSCE Board of Directors. We are working with the Region of Waterloo, who owns the bridge, on a final location for the plaque.
- A CSCE Historical Site Plaque was unveiled at the Charlottetown Airport, PEI. CSCE section representatives visited the Charlottetown airport to document the visit. The plaque has been installed onto the wall of the departure entrance of the airport.
- The website with the online descriptions of 78 Civil Engineering Historic Sites remains marginal. Members of the Canada 150 Posters Subcommittee applied for Canadian Heritage funding to rebuild the NHC website, but the application was not successful.

The 2024 Annual Conference in Niagara Falls included a history session, with four presentations (papers), that were written and presented by members of the National History Committee. A separate session was held to commemorate the 45th anniversary of the publication of the First Edition of the Ontario Highway Bridge Design Code (OHBDC), that featured six presentations, including four by individuals who developed the First Edition.

The Canada 150 posters were displayed at the Niagara Falls conference and were very well received.

Other initiatives, in brief, are as follows:

- The Historic Bridge Task Group, chaired by Mike Bartlett, has held 10 Zoom meetings in 2024, primarily to plan the OHBDC Commemorative Session at the 2024 Annual Conference. This work is being facilitated by Khalid Baktash, the 2024 Annual Conference/NHC Liaison. The Task Group is now finalizing the nomination document to commemorate the Louise Bridges in Winnipeg as CSCE National Historic Site in 2025 – preliminary approval for this was given at the NHC meeting on November 21 and subsequently by the CSCE Board on December 7.
- “This Week in Civil Engineering History”, a regular feature in the bi-weekly CSCE eBulletin, celebrated its fourth anniversary in October. To date, 153 short articles have been prepared for publication.
- Discussions are underway with members of the organizing committee of the 2026 CSCE conference in Quebec City, to facilitate the selection and nomination of historical sites.
- Three tripartite CSCE/ASCE/ICE History Webinars in “The New Trans-Atlantic Cable” series were held in 2024. The presentations to date have been of very high quality and well-attended: the average webinar attendance in 2024 is 120 and the edited videos, posted online, averaged 80 views each as of 31 December 2024.
- The Indigenous Perspectives Task Group, chaired by Kevin Baskin, has met 10 times in 2024. The Task Group starts each meeting with a land acknowledgement statement using guidelines it has developed. An objective is to work with Indigenous Communities to draft additional content for the online descriptions of the National Historic Sites and to write a *CIVIL Magazine* article and prepare other indigenous initiatives. A total of 19 initiatives were prepared and led by members of this task group and 16 indigenous contacts were identified for possible

discussions and collaboration. The CIVIL article is still pending. Suggestions for the task group's future work have been identified and documented.

- The calendar task group, chaired by Bruce Higgins, has met several times in 2024 and has successfully prepared and distributed a 2025 CSCE NHC calendar featuring 13 national historic sites. To date, approximately 200 calendars have been sold and about 50 remain available for sale.
- This year, four articles have been written by committee members and published in the CIVIL Magazine. The NHC is now allotted a regular slot in the CIVIL Magazine for publication of an article in each issue.

The Committee wishes to express its thanks for the Society's financial contribution to the NHC and also expresses its thanks for the contributions that continued to be received throughout the year to the History Program Fund and the CSCE Foundation.

In closing, I would like to pay tribute to all Committee members who, over many years, have been enthusiastic and outstanding contributors to the success of the committee.

CSCE National Tech Talks

Mike Bartlett, F.CSCE

Past Chair, National Tech Talk Webinar Co-ordination Committee

The CSCE National Tech Talk Webinar Series was initiated in September 2020 as a new service for our members in the then-current Covid-19 climate. As restrictions eased, we continued the online service for CSCE Members, particularly those living in locations without access to CSCE Region or Section in-person activities. We will also use the webinars to (i) engage with civil engineering students to promote CSCE Student Memberships; (ii) promote the Annual General Conference; and (iii) engage the general membership through Town Hall meetings.

In 2024, we held 18 webinars between January 10 and December 11. The total attendance was 1969 –

an average of 109 attendees per webinar – it was 808 for 16 webinars in 2023. This 116% increase in average attendance is likely due to professional development requirements being introduced by provincial licensing bodies to maintain registration as Professional Engineers. Although the objective of the webinars is to be a service to the CSCE membership, we did recover a small surplus of \$2925 in 2024, an average of ~\$160 per webinar. Details are shown in Table 1.

The series has been co-ordinated by the "CSCE National Tech Talk Webinars Coordinating Committee": Mike Bartlett, Peter Calcetas (Chair), Paris Mylonas, Sam Richard, Dagmar Svecova, Rafaat El-Hatcha (after September 1), and Fei Tong. We are very grateful to Lesia Beznacuk, from the CSCE National Office, for her work administering and publicizing the webinars, and for her regular attendance at committee meetings.

Webinar attendees received Professional Development Hour certificates using a semi-automated process.

Starting in 2025, the webinar videos will be edited and uploaded to the CSCE website for members to view. Two 2024 webinars have been uploaded to the CSCE Vimeo Channel: Jamie Marrs on "Assessment and Conservation of Historic Masonry Buildings" and Kevin Baskin and Mike Bartlett on "A. B. Sanderson and J. A Vance: Eminent CSCE Award Namesakes".

No changes are anticipated to the format or frequency of the webinars in 2025. New webinar series are being started by others: the Program Co-ordination Committee initiated its monthly "Division Deep Dives: Tech Talk Thursdays" webinar series on 28 November 2024 and the International Affairs Committee will initiate a new series on 30 January 2025.

The co-ordination committee is also very grateful for the support of a great many individuals, since the inception of this initiative, who have consistently responded positively to help co-ordinate, host, and present CSCE National Tech Talk Webinars.

Table 1: Details of CSCE National Tech Talk Webinars 2024

Date	Speaker	Topic	Attendees	PDH	Income
10-Jan-24	Dr. Fadi Oudah	Assessment of Existing Concrete Marine Infrastructure	206	136	\$0 ^a
24-Jan-24	Dr. Thomas Tannert	Seismic Performance of Cross-Laminated Timber Shear Walls	113	78 ^b	\$0 ^a
7-Feb-24	Tom Morrison, Natasha Jeremic, Fadi Oudah	Climate Action in Structural Design	102	37 ^b	\$0 ^a
21-Feb-24	Vic Perry	UHPC: Operational Business & Implementation	73	55	\$325
6-Mar-24	Salami Yaacoub	Evolution of Design Loads for Hydro Quebec Transmission Lines	49	40	\$150
20-Mar-24	Graeme Johnson	Alberta's Highway 1 Wildlife Overpass	58	49	\$75
3-Apr-24	Jean-Luc Martel	An Introduction to Generative Artificial Intelligence Systems	78	61	\$125
17-Apr-24	Michael Masi	Rethinking Conventional Construction: Implication of NBC 2020 and S16.24 on the Seismic Design of Steel Structures	115	80	\$625
1-May-24	Michael Lacasse	NRC Construction's Climate Change Initiative	66	53	\$50
15-May-24	Jamie Marrs	Assessment and Construction of Historic Masonry Structures	98	62	\$400
Summer Break					
18-Sep-24	Girma Bitsuamlak	Experimental and Computational Modeling of Wind Effects on Buildings	102	58	\$250
2-Oct-24	Mohamed Bassuoni	Physical salt attack on concrete: Mechanisms, influential factors, and protection	125	72	\$225
16-Oct-24	Kyle Vander Linden	Emerging Stormwater Technologies – Construction, Commissioning and Initial Performance of a Smart Blue Roof in Mississauga, Ontario	87	57	\$50
30-Oct-24	Rebecca Dziedzic	Why do water mains keep breaking? Research insights on the factors driving water main breaks in Canada	127	77	\$425
13-Nov-24	Latifa El Ayachi	Introduction to the ENVISION Sustainable Infrastructure System	109	57	\$0 ^a
20-Nov-24	Sara Rankohi	CSCE Student Leadership webinar	53	0	\$0 ^a
27-Nov-24	Kevin Baskin, Mike Bartlett	A. B. Sanderson and J. A. Vance – Esteemed CSCE Award Namesakes	47	25	\$25
11-Dec-24	Daeun Yoon, Raj Ubhi	Envision in Action: Eglinton Crosstown West Extension	78	50	\$200
TOTAL			1969		\$ 2925

Note: ^a \$25 fee for non-Member attendance waived

^b PDH Certificates awarded to CSCE Members only

Report of the Nominating Committee

The Nominating Committee of the Canadian Society for Civil Engineering Board of Directors has provided, for approval by the members, the following nominations to the Board of Directors for 2025–2026.

Position	Incumbent	Proposed	Term
Past President	Gopal Achari, end of term	Bing Chen	1 year
President	Bing Chen	Jeff Rankin	1 year
President-Elect	Jeff Rankin	Farnaz Sadeghpour	1 year
Senior Vice-President and Chair, Regional Coordinating Committee	Sara Rankohi, finishing 1st year	Sara Rankohi	1 year
Honorary Treasurer	Richard Lanyi, finishing 1st year	Richard Lanyi	1 year
Vice-President, Administration Coordinating Committee	Michael Bartlett, finishing 1st year	Michael Bartlett	1 year
Vice-President, Technical Divisions and Committees	Farnaz Sadeghpour, finishing 4 th year	Nigel Parker	2 years
Vice-President Technical Programs	Shahria Alam, finishing 3rd year	Shahria Alam	1 year
Vice-President, Atlantic Region	Jérémie Aubé, finishing 2 nd year	Catherine LeBlanc	2 years
Vice-President, Quebec Region	Zohra Alaoui, finishing 3rd year	Zohra Alaoui	1 year
Vice-President, Ontario Region	Paraskevas (Paris) Mylonas, finishing 1 st year	Paraskevas (Paris) Mylonas	1 year
Vice-President, Prairie Region	Dagmar Svecova, finishing 2 nd year	Dagmar Svecova	2 years
Vice-President, Western Region	Frank Hui, finishing 1st year	Frank Hui	1 year
Vice-President, International Region	Rishi Gupta, finishing 3rd year	Rishi Gupta	1 year
Member at Large	Khandker Nurul Habib, finishing 1st year	Khandker Nurul Habib	1 year
Member at Large representing Heads and Chairs	Samer Adeeb, finishing 1st year	Samer Adeeb	1 year

In addition to the above elected Director positions, which are voting positions on the Board, there is one non-voting position on the Board appointed by others:

Position	Incumbent	Proposed	Term
Representative - Canadian Geotechnical Society (non-voting)	Craig Lake	Craig Lake	1 yr

Rapport du Comité des candidatures

Le Comité des candidatures du conseil d'administration de la Société canadienne de génie civil a soumis les candidatures suivantes au conseil d'administration pour approbation par ses membres 2025-2026.

Poste	Titulaire	Candidat	Durée
Ancien président	Gopal Achari, fin de mandat	Bing Chen	1 an
Président	Bing Chen, fin de mandat	Jeff Rankin	1 an
Président désigné	Jeff Rankin, fin de mandat	Farnaz Sadeghpour	1 an
Premier vice-président et Président, Comité des régions	Sara Rankohi, fin de la 1ère année	Sara Rankohi	1 an
Trésorier honoraire	Richard Lanyi, fin de la 1ère année	Richard Lanyi	1 an
Vice-président, Comité de coordination de l'administration	Mike Bartlett, fin de la 1ère année	Mike Bartlett	1 an
Vice-président, Divisions techniques et comités	Farnaz Sadeghpour, fin de la 4e année	Nigel Parker	2 ans
Vice-président, Programmes techniques	Shahria Alam, fin de la 3e année	Shahria Alam	1 an
Vice-président, Atlantique	Jérémie Aubé, fin de la 2e année	Catherine LeBlanc	2 ans
Vice-président, Québec	Zohra Alaoui, fin de la 3e année	Zohra Alaoui	1 an
Vice-président, Ontario	Paraskevas (Paris) Mylonas, fin de la 1ère année	Paraskevas (Paris) Mylonas	1 an
Vice-président, Prairies	Dagmar Svecova, fin de la 2e année	Dagmar Svecova	2 ans
Vice-président, Ouest	Frank Hui, fin de la 1ère année	Frank Hui	1 an
Vice-président, International	Rishi Gupta, fin la 3e année	Rishi Gupta	1 an
Membre à titre individuel	Khandker Nurul Habib, fin de la 1ère année	Khandker Nurul Habib	1 an
Représentant le Conseil des chefs de départements de génie civil canadiens	Samer Adeeb, fin la 1ère année	Samer Adeeb	1 an

En plus des administrateurs élus ci-dessus, des candidats sont nommés par d'autres organisations pour le poste suivant (sans droit de vote) :

Poste	Titulaire	Candidat	Durée
Représentant la Société canadienne de géotechnique (sans vote)	Craig Lake	Craig Lake	1 an

CSCE Financial Statements for Year Ending
2024-12-31 (*APPENDIX TO 2024 CSCE
ANNUAL REPORT*)

The Canadian Society for Civil Engineering
Financial Statements
For the year ended December 31, 2024

The Canadian Society for Civil Engineering Contents

For the year ended December 31, 2024

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To the Board of The Canadian Society for Civil Engineering:

We have reviewed the accompanying financial statements of The Canadian Society for Civil Engineering (the "Society") which comprise the statement of financial position as at December 31, 2024, and the statements of operations, changes in net assets and cash flows for the year then ended, and a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Practitioner's Responsibility

Our responsibility is to express a conclusion on the accompanying financial statements based on our review. We conducted our review in accordance with Canadian generally accepted standards for review engagements, which require us to comply with relevant ethical requirements.

A review of financial statements in accordance with Canadian generally accepted standards for review engagements is a limited assurance engagement. The practitioner performs procedures, primarily consisting of making inquiries of management and others within the Society, as appropriate, and applying analytical procedures, and evaluates the evidence obtained.

The procedures performed in a review are substantially less in extent than, and vary in nature from, those performed in an audit conducted in accordance with Canadian generally accepted auditing standards. Accordingly, we do not express an audit opinion on these financial statements.

Conclusion

Based on our review, nothing has come to our attention that causes us to believe that the financial statements do not present fairly, in all material respects, the financial position of The Canadian Society for Civil Engineering as at December 31, 2024, and the results of its operations and its cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

Surrey, British Columbia

May 7, 2025



Chartered Professional Accountants

The Canadian Society for Civil Engineering

Statement of Financial Position

As at December 31, 2024

	2024	2023
Assets		
Current		
Restricted term deposits (Note 4)	108,966	406,060
Accrued interest receivable	2,647	15,833
Accounts receivable	70,846	20,375
Government agencies receivable	-	9,462
	182,459	451,730
Property and equipment (Note 5)	-	16,861
Software (Note 6)	-	3,221
Total assets	182,459	471,812
Liabilities		
Current		
Operating demand loan (Note 7)	112,717	532,421
Accounts payable and accruals	39,303	25,326
Government agencies payable	1,597	-
Deferred revenue	60,601	2,500
Advances from related party (Note 8)	23,936	27,442
Canada Emergency Business loan	-	40,000
Current portion of long-term debt (Note 9)	11,111	11,111
Loans from CSCE regions (Note 10)	19,382	22,089
	268,647	660,889
Long-term debt (Note 9)	65,741	76,852
Loans from CSCE regions (Note 10)	85,000	85,000
Total liabilities	419,388	822,741
Commitments (Note 11)		
Contingencies (Note 12)		
Net Assets		
Second Century Fund (Note 13)	108,040	108,040
Unrestricted	(344,969)	(458,969)
	(236,929)	(350,929)
	182,459	471,812
Approved on behalf of the Board		
e-Signed by Richard Lanyi	e-Signed by Bing Chen	
<u>2025-05-06 15:53:31:31 PDT</u>	<u>2025-05-07 01:55:23:23 PDT</u>	
Director	Director	

The accompanying notes are an integral part of these financial statements

The Canadian Society for Civil Engineering Statement of Operations

For the year ended December 31, 2024

	2024	2023
Revenue		
Membership fees:		
Full members	170,988	152,893
Corporate members	1,667	4,843
Sustaining members	12,000	-
Communications:		
Magazine	10,826	12,619
Conferences	311,956	184,889
Royalties	120,997	144,017
Lifelong learnings	49,079	7,175
Interest	13,396	20,237
Other	3,265	2,152
	694,174	528,825
Expenses		
Administration (Note 14)	312,636	290,552
Amortization	-	15,929
Bad debts	5,630	2,147
Bank charges and interest	41,364	56,788
Committees and Board (recovery)	(4,012)	4,012
Communications (recovery)	2,052	(16,075)
Conferences	154,064	122,881
Interest on long-term debt	3,071	3,545
Lifelong learning	23,947	2,041
Subscriptions	21,340	-
	560,092	481,820
Excess of revenue over expenses before other items	134,082	47,005
Loss on disposal of property and equipment	(20,082)	-
Excess of revenue over expenses	114,000	47,005

The accompanying notes are an integral part of these financial statements

The Canadian Society for Civil Engineering
Statement of Changes in Net Assets
For the year ended December 31, 2024

	<i>Second Century Fund</i>	<i>Unrestricted</i>	<i>2024</i>	<i>2023</i>
Net assets, beginning of year	108,040	(458,969)	(350,929)	(397,934)
Excess of revenue over expenses	-	114,000	114,000	47,005
Net assets, end of year	108,040	(344,969)	(236,929)	(350,929)

The accompanying notes are an integral part of these financial statements

The Canadian Society for Civil Engineering Statement of Cash Flows

For the year ended December 31, 2024

	2024	2023
Cash provided by (used for) the following activities		
Operating		
Excess of revenue over expenses	114,000	47,005
Amortization	-	15,929
Loss on disposal of capital assets	20,082	-
	134,082	62,934
Changes in working capital accounts		
Accrued interest receivable	13,186	(15,833)
Accounts receivable	(50,471)	22,139
Government agencies receivable/payable	11,060	39,754
Prepaid expenses	-	500
Accounts payable and accruals	13,976	(100,583)
Deferred revenue	58,101	(46,395)
	179,934	(37,484)
Financing		
Repayments of operating demand loan	(419,704)	(36,274)
Repayment of advances from related party	(3,506)	(2,815)
Repayment of long-term debt	(11,111)	(11,112)
Repayment of Canada Emergency Business loan	(40,000)	-
Advances of loans from CSCE regions	-	92,089
Repayment of loans from CSCE regions	(2,707)	-
	(477,028)	41,888
Investing		
Decrease in restricted term deposits	297,094	-
Increase in restricted term deposits	-	(4,404)
	297,094	(4,404)
Increase in cash resources	-	-
Cash resources, beginning of year	-	-
Cash resources, end of year	-	-

The accompanying notes are an integral part of these financial statements

The Canadian Society for Civil Engineering

Notes to the Financial Statements

For the year ended December 31, 2024

1. Incorporation and nature of the organization

The Canadian Society for Civil Engineering (the "Society") was incorporated under Section 211 of the Canada Not-for-profit Corporations Act (the "Act") and is registered as a not-for-profit organization and thus is exempt from income taxes.

The Society's objective is to advance the civil engineering profession by the exchange of technical information through seminars, conferences, publications and research.

These financial statements do not include the assets, liabilities or operations of the affiliated regional operations (the "CSCE Regions").

2. Change in accounting policies

Customer's accounting for cloud computing arrangements

Effective January 1, 2024, the Society adopted the Accounting Standard for Private Enterprises' (ASPE) new guideline AcG-20 *Customer's Accounting for Cloud Computing Arrangements*. Applying the new guideline results in the recognition, measurement, and disclosure of cloud computing arrangements, including the allocation of the arrangement consideration to significant separable elements of cloud computing arrangement.

There was no material impact on the financial statements from the application of the new accounting guideline.

3. Significant accounting policies

The financial statements have been prepared in accordance with Canadian accounting standards for not-for-profit organizations set out in Part III of the CPA Canada Handbook - Accounting, as issued by the Accounting Standards Board in Canada, and include the following significant accounting policies:

Capital assets

Capital assets are initially recorded at cost. Amortization is provided using the following methods at rates and terms intended to amortize the cost of the assets over their estimated useful lives.

When a capital asset no longer contributes to the Society's ability to provide services, its carrying amount is written down to residual value, if any.

	Method	Rate
Computer equipment	declining balance	55 %
Furniture and fixtures	declining balance	20 %
Leasehold improvements	straight-line	5 years

Intangible asset

Intangible assets recognized separately from goodwill and subject to amortization are recorded at cost.

Amortization is provided using the straight-line method at a rate intended to amortize the cost of intangible asset over its estimated useful life.

	Method	Rate
Database software	declining balance	55 %
Website costs	straight-line	5 years

When an intangible asset no longer contributes to the Society's ability to provide goods or services, or the value of future economic benefits or service potential associated with the intangible asset is less than its net carrying amount, its carrying amount is written down to fair value.

3. Significant accounting policies *(Continued from previous page)*

Leases

A lease that transfers substantially all of the benefits and risks of ownership is classified as a capital lease. At the inception of a capital lease, an asset and a payment obligation are recorded at an amount equal to the lesser of the present value of the minimum lease payments and the property's fair market value. Assets under capital leases are amortized on a declining balance basis, over their estimated useful lives. All other leases are accounted for as operating leases and rental payments are expensed as incurred.

An arrangement contains a lease where the arrangement conveys a right to use the underlying tangible asset, and whereby its fulfillment is dependent on the use of the specific tangible asset. After the inception of the arrangement, a reassessment of whether the arrangement contains a lease is made only in the event that:

- there is a change in contractual terms;
- a renewal option is exercised or an extension is agreed upon by the parties to the arrangement;
- there is a change in the determination of whether the fulfillment of the arrangement is dependent on the use of the specific tangible asset; or
- there is a substantial physical change to the specified tangible asset.

Revenue recognition

The Society follows the deferral method of accounting for contributions. Restricted contributions are recognized as revenue in the year in which the related expenses are incurred. Unrestricted contributions are recognized as revenue when received or receivable if the amount to be received can be reasonably estimated and collection is reasonably assured.

The Society recognizes membership fees over the period to which they relate. Conference revenues are recognized in the year in which the event is held. Royalty revenues are recognized when received or receivable if the amount can be reasonably estimated and collection is reasonable assured. Revenue from communications, lifelong learning, and other revenue are recognized in the period in which the services are provided and collection is reasonably assured.

Government assistance

Government assistance is recognized when there is reasonable assurance that the Society has complied and will continue to comply with all conditions of the assistance. Government assistance toward current expenses is recognized in income for the period as revenue.

Customer's accounting for cloud computing arrangement

The Society has applied the simplification approach to account for expenditures in a cloud computing arrangement. Under the simplification approach, the Society recognizes expenditures related to the elements in the cloud computing arrangement as an expense as incurred. In the current year, expenses of \$8,899 have been recognized as Administration - technology fees and expenses of \$21,340 have been recognized as Subscriptions.

Contributed materials

Contributions of materials are recognized both as contributions and expenses in the statement of operations when a fair value can be reasonably estimated and when the materials are used in the normal course of the Society's operations and would otherwise have been purchased.

Foreign currency translation

These financial statements have been presented in Canadian dollars, the principal currency of the Society's operations.

Transaction amounts denominated in foreign currencies are translated into their Canadian dollar equivalents at exchange rates prevailing at the transaction dates. Carrying values of monetary assets and monetary liabilities reflect the exchange rates at the statement of financial position date. Gains and losses on translation or settlement are included in the determination of excess of revenues over expenses for the current period.

3. Significant accounting policies *(Continued from previous page)*

Measurement uncertainty (use of estimates)

The preparation of financial statements in conformity with Canadian accounting standards for not-for-profit organizations requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period.

Accounts receivable are stated after evaluation as to their collectability and an appropriate allowance for doubtful accounts is provided where considered necessary. Amortization is based on the estimated useful lives of capital assets and intangible assets subject to amortization.

These estimates and assumptions are reviewed periodically and, as adjustments become necessary they are reported in excess of revenues over expenses in the periods in which they become known.

Financial instruments

The Society recognizes financial instruments when the Society becomes party to the contractual provisions of the financial instrument.

Arm's length financial instruments

Financial instruments originated/acquired or issued/assumed in an arm's length transaction ("arm's length financial instruments") are initially recorded at their fair value.

At initial recognition, the Society may irrevocably elect to subsequently measure any arm's length financial instrument at fair value. The Society has not made such an election during the year.

The Society subsequently measures financial assets and liabilities at amortized cost, with transaction costs and financing fees added to the carrying amount for those financial instruments.

Related party financial instruments

The Society initially measures the financial instruments originated/acquired or issued/assumed in a related party transaction ("related party financial instruments") at cost on initial recognition. When the financial instrument has repayment terms, cost is determined using the undiscounted cash flows, excluding interest, dividend, variable and contingent payments, less any impairment losses previously recognized by the transferor. When the financial instrument does not have repayment terms, but the consideration transferred has repayment terms, cost is determined based on the repayment terms of the consideration transferred. When the financial instrument and the consideration transferred both do not have repayment terms, the cost is equal to the carrying or exchange amount of the consideration transferred or received.

The Society subsequently measures related party financial instruments using the cost method less any reduction for impairment.

Transaction costs and financing fees directly attributable to the origination, acquisition, issuance or assumption of related party financial instruments are immediately recognized in excess of revenues over expenses.

Financial asset impairment

The Society assesses impairment of all its financial assets measured at cost or amortized cost. Management considers whether the issuer is having significant financial difficulty; whether there has been a breach in contract, such as a default or delinquency in interest or principal payments in determining whether objective evidence of impairment exists. When there is an indication of impairment, the Society determines whether it has resulted in a significant adverse change in the expected timing or amount of future cash flows during the year.

The Society reduces the carrying amount of any impaired financial assets to the highest of: the present value of cash flows expected to be generated by holding the assets; the amount that could be realized by selling the assets at the statement of financial position date; and the amount expected to be realized by exercising any rights to collateral held against those assets.

Any impairment, which is not considered temporary, is included in current year excess of revenues over expenses.

The Canadian Society for Civil Engineering
Notes to the Financial Statements
For the year ended December 31, 2024

3. Significant accounting policies (Continued from previous page)

Financial instruments (Continued from previous page)

The Society reverses impairment losses on financial assets when there is a decrease in impairment and the decrease can be objectively related to an event occurring after the impairment loss was recognized. The amount of the reversal is recognized in excess of revenues over expenses in the year the reversal occurs.

4. Restricted term deposits

Included in restricted term deposits is a Guaranteed Investment Certificate bearing interest at 4.5%, maturing in June 2025 (2023 - bearing interest at 4.50 and 4.75% maturing between January to July 2024). The term deposits are restricted for use as security on the operating demand loan as outlined in Note 7.

During the year, \$301,812 of Guaranteed Investment Certificates matured and were used to repay a portion of the operating demand loan.

5. Property and equipment

	<i>Cost</i>	<i>2024 Net book value</i>	<i>2023 Net book value</i>
Computer equipment	-	-	12
Furniture and fixtures	-	-	578
Leasehold improvements	-	-	16,271
	-	-	16,861

During the current year, the office lease was terminated and as a result, the above noted assets were disposed of for \$nil proceeds.

6. Software

	<i>2024</i>	<i>2023</i>
Database software	-	1,341
Website costs	-	1,880
	-	3,221

During the current year, the Society replaced the previous software with a subscription-based software, and as a result, the above noted assets were disposed of for \$nil proceeds.

7. Operating demand loan

The Society has available an operating demand loan of \$600,000 (2023 - \$600,000), due on demand and bearing interest at prime plus 1% (2023 - prime plus 1%) per annum. The loan is secured by deposit instruments in the amount of \$108,966 plus 20% and first ranking security interest over present and future moveable property of the Society for \$600,000 plus 20%.

8. Advances from related party

Advances from related party consists of amounts payable to the CSCE Foundation, an entity connected by common purpose, and are unsecured, non-interest bearing and have no fixed terms of repayment.

The Canadian Society for Civil Engineering
Notes to the Financial Statements
For the year ended December 31, 2024

9. Long-term debt

	2024	2023
Bank of Montreal Term loan payable in monthly instalments of \$926, plus interest at 4% (2023 – 4%) per annum, maturing in 2031	76,852	87,963
Less: Current portion	11,111	11,111
	65,741	76,852

Principal repayments on long-term debt in each of the next five years, assuming long-term debt subject to refinancing is renewed and all term debt is subject to contractual terms of repayment are estimated as follows:

2025	11,111
2026	11,111
2027	11,111
2028	11,111
2029 and thereafter	32,408
Total	76,852

The loan is covered by the security described in Note 7.

10. Loans from CSCE Regions

	2024	2023
CSCE Quebec Region, due on demand	15,000	15,000
CSCE Atlantic Region, due on demand	4,382	7,089
	19,382	22,089
CSCE Atlantic Region, repayable in August 2027	10,000	10,000
CSCE Western Region, repayable in December 2027 to February 2028	25,000	25,000
CSCE Ontario Region, repayable in December 2032	50,000	50,000
	85,000	85,000
	104,382	107,089

The loans are non-interest bearing, unsecured, with the above-noted repayment dates, or within 365 days of receipt of notice of demand for loans with set repayment dates. As at December 31, 2024, the Society has not received any notices of demand.

The Canadian Society for Civil Engineering

Notes to the Financial Statements

For the year ended December 31, 2024

11. Commitments

Engineering Institute of Canada core program fee

- The Society is a member of the Engineering Institute of Canada and pays the core program fee of \$4 per paying member per year.

12. Contingencies

The Society's regional operations are not separately incorporated; therefore, the Society could be held responsible for liabilities incurred but not honoured by the Regions.

13. Second Century Fund

The Second Century Fund was created in 1987 to provide assistance for the enhancement of technical activities of the Society. These amounts are not available for other purposes without approval of the board of directors.

14. Administration expenses

	2024	2023
Bookkeeping fees	31,500	31,500
EIC Federation fee	3,309	3,836
Envision Program Manager	104,978	55,942
Contract administration costs	90,000	87,902
Legal fees	4,928	6,612
Office and miscellaneous	317	16,914
Professional fees	25,400	33,600
Region membership rebates	-	6,753
Rent and occupancy costs	37,531	17,221
Technology fees	14,673	30,272
	312,636	290,552

Included in rent and occupancy costs is \$34,177 paid to terminate the office lease.

15. Financial instruments

The Society, as part of its operations, carries a number of financial instruments. It is management's opinion that the Society is not exposed to significant interest, currency, credit, liquidity or other price risks arising from these financial instruments except as otherwise disclosed.

Credit risk

Credit risk is the risk of financial loss because a counter party to a financial instrument fails to discharge its contractual obligations. The Society's main credit risk relates to its accounts receivable.

A credit concentration exists relating to trade accounts receivable. Accounts receivable from one customer in connection with royalties represents 49% (2023 – one customer, 77%) of total accounts receivable as at December 31, 2024. The Society manages its credit risk by provides allowances for potentially uncollectible accounts receivable. The Society believes that there is no unusual exposure associated with the collection of these receivables.

The Canadian Society for Civil Engineering
Notes to the Financial Statements
For the year ended December 31, 2024

15. **Financial instruments** *(Continued from previous page)*

Liquidity risk

Liquidity risk is the risk that the organization cannot repay its obligations when they become due to its creditors. The organization reduces its exposure to liquidity risk by ensuring that it documents when authorized payments become due; maintains an adequate line of credit to repay trade creditors as they become due.

Interest rate risk

Interest rate risk is the risk that the value of a financial instrument might be adversely affected by a change in the interest rates. Changes in market interest rates may have an effect on the cash flows associated with some financial assets and liabilities, known as cash flow risk, and on the fair value of the other financial assets or liabilities, known as price risk. The Society is exposed to interest rate risk with respect to its available bank indebtedness, restricted term deposits and long-term debt.

Due to the decrease in bank indebtedness, the Society's exposure to interest rate risk has decreased during the year.

Foreign currency risk

Foreign currency risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates. The Society enters into transactions denominated in US Dollars currency for which the related revenues, expenses, accounts receivable and accounts payable balances are subject to exchange rate fluctuations. As at December 31, 2024, the following items are denominated in US Dollars currency:

	2024	2023
	CAD\$	CAD\$
Accounts receivable	38,230	15,617