

**Honours, Awards and Fellowships
Médailles, distinctions
honorifiques et fellowships
2015**



**The Canadian Society for Civil Engineering
La Société canadienne de génie civil**

Painting of Regina by Jason Robins
Regina, oeuvre d'art de Jason Robins

FOREWORD

The Canadian Society for Civil Engineering has a long-standing tradition of recognizing members for their career achievements and for the excellence of their technical papers. This year, fifteen members are distinguished through their election as Fellows, six are receiving awards for career achievements in their specialty areas of civil engineering, and the Society is granting its fourth Award for Governmental Leadership in Sustainable Infrastructure. As well, the authors of five technical papers will be receiving best paper awards, one of which, the Sir Casimir Gzowski Medal, is Canada's oldest engineering award.

This booklet summarizes the career achievements of the recipients of the various honours, awards and fellowships, recognizes special contributions to the Canadian Society for Civil Engineering, and lists many of the past winners of awards. On behalf of the Board of Directors and all members of the Society, I extend my heartfelt congratulations to all award recipients.

Reg Andres, PEng, FCSCE
President

AVANT-PROPOS

La Société canadienne de génie civil rend hommage une fois de plus à ses membres qui se sont distingués par l'ensemble de leur carrière ou par la qualité de leurs communications techniques. Cette année, quinze membres ont été élus au rang de « Fellow », six recevront des prix pour leur apport, tout au long de leur carrière, dans des domaines précis du génie civil et la société décernera pour la quatrième fois le Prix pour le leadership gouvernemental en infrastructure durable. De plus, les auteurs de cinq communications recevront des prix pour meilleur communications. Un de ces prix, la médaille Sir Casimir Gzowski, est le prix le plus ancien décerné au Canada dans le domaine du génie.

Cette brochure résume les carrières de nos nouveaux « Fellows » et lauréats, souligne les contributions particulières à la Société canadienne de génie civil, et donne les noms de plusieurs anciens lauréats des divers prix. Au nom du conseil d'administration et de tous les membres de la société, j'offre mes félicitations les plus chaleureuses à tous les récipiendaires.

Reg Andres, PEng, FCSCE
Président



MOHAMED AL-HUSSEIN

Dr. Mohamed Al-Hussein obtained a BSc (Civil Engineering, 1983) and an MSc (Civil Engineering, 1988) from the University of Architecture, Civil Engineering and Geodesy (formerly the Higher Institute of Architecture and Civil Engineering), Sofia, Bulgaria. He went on to earn a Master of Applied Science degree (Construction Engineering and Management, 1995) and a PhD (Construction Engineering Management, 1999) from Concordia University, Montréal. Dr. Al-Hussein is currently a professor at the University of Alberta, and holder of the NSERC Industrial Research Chair in the Industrialization of Building Construction.

His research focuses on applications of modular and offsite construction methods and technologies. He has been prolific in the areas of training and dissemination, with over 150 papers published in journals and conference proceedings. He is also a sought-after speaker, with recent invited presentations given in Australia, China, Finland, Kazakhstan, Korea, Norway, the UAE, the UK, and the U.S.

In addition to serving as Chair of the CSCE National Construction Division (2004–2008), recent service includes participation on organizing/technical committees for the Modular and Offsite Construction Summit, the CSCE Annual Conference, and the International Conference on Construction in the 21st Century, as well as advisory committee posts such as the CSA Technical Committee on Factory Certification of Buildings, the City of Edmonton Infrastructure Technical Advisory Committee, and the Canadian Multicultural Council. In addition to the CSCE Fellowship, Dr. Al-Hussein has been honoured recently with the Killam Annual Professorship (2014), the Modular Building Institute Modular Building Fellowship (2013), and a number of best paper awards



PHIL BRUCH

Phil Bruch received his B.Sc. in Civil Engineering in 1985 and M.Sc. in 1993, both from the University of Saskatchewan. He began his career as a geotechnical engineer with BBT Geotechnical Consultants Ltd. in Saskatoon in 1985. Phil joined Golder Associates Ltd. in Saskatoon in 2001 as a Senior Geotechnical Engineer. He became an Associate in 2006 and a Principal in 2011.

Phil has been involved in a wide variety of geotechnical projects over his career, from geotechnical investigations for small commercial/industrial facilities, to large transportation infrastructure and mining projects. Some of his project highlights were the steel sheetpile cofferdams for Cameco's A-Zone and D-Zone uranium developments, geotechnical and environmental work for the Diavik Diamond mine in the Northwest Territories, leading the environmental assessment and geotechnical work for the Potash One Legacy Potash mine and geotechnical work for Dead Sea Works in Israel.

Phil has been an active member of the Canadian Society for Civil Engineering, the Canadian Geotechnical Society (as Editor of CGS News for six years), and the Saskatoon Geotechnical Group. He is a former Chairman of the Consulting Engineers of Saskatchewan, former President of the Saskatoon Engineering Society, and served two terms on the Meewasin Valley Authority Development Review committee.

Phil has also been involved in the education of engineering students, doing three stints as a Sessional Lecturer at the University of Saskatchewan and serving as an external examiner for several M.Sc. candidates. He has authored/co-authored several conference and journal papers.



AMIR FAM

Amir Fam, PhD, FIIFC, PEng is a Professor and Donald and Sarah Munro Chair in Engineering and Applied Science at Queen's University, and formerly a Canada Research Chair in Innovative and Retrofitted Structures for 10 years. He received his master's and doctoral degrees from the University of Manitoba in 1996 and 2000, respectively, and his bachelor's degree from Alexandria University, Egypt, in 1991.

Dr. Fam is the Vice President and Treasurer of the International Institute of FRP in Construction (IIFC). He also chairs subcommittee 440-J "FRP Stay in Place Forms" of the American Concrete Institute (ACI), the Advanced

Composites Materials committee of CSCE, and the Academic Progress Committee of NSERC-CREATE project "Sustainable Engineering in Remote Areas (SERA)". Dr. Fam is an Associate Editor of the Canadian Journal of Civil Engineering and the ASCE-Journal of Composites for Construction. He has over 230 refereed publications, including more than 110 journal papers, primarily in the areas of reinforced and pre-stressed concrete and FRP reinforcements.

He is the recipient of the T. Y. Lin best paper award from ASCE-Journal of Structural Engineering, the Ontario-Early Researcher Award, NSERC-Discovery Accelerator Supplement, and Queen's University-Chancellor's Research Award. Dr. Fam is the project leader of the recently awarded \$3.5M CFI "moving load facility" funded by federal and provincial governments for testing bridges. The facility will be one of a kind and will subject bridge components to realistic loading induced by simulated moving vehicles under various environmental conditions. Dr. Fam has supervised 14-PhD and 27-MSc students and 9-Post-doctoral Fellows in the past 13 years.



LISA FELDMAN

Dr. Lisa R. Feldman is an Associate Professor in the Department of Civil & Geological Engineering at the University of Saskatchewan. She obtained her B.A.Sc. from the University of Waterloo in 1992, her M.S. from the University of Texas at Austin in 1993, and her Ph.D. from the University of Western Ontario in 2006. Dr. Feldman is a Fellow of the American Concrete Institute (ACI) and is a past recipient of CSCE's Donald Jamieson Fellowship.

Dr. Feldman has nine years of engineering consulting experience in addition to her academic work. Notable projects that she worked on include: the Confederation Bridge, the rehabilitation of Calgary's Centre Street Bridge, and the restoration of Calgary's Old City Hall. Dr. Feldman's research interests include: the mechanics and behavior of reinforced concrete and masonry members, the evaluation and rehabilitation of existing structures, life-cycle engineering, and code calibration. Results of her research work have already led to changes in both CAN/CSA S304-14 – Design of Masonry Structures and the fib Model Code for Concrete Structures.

Dr. Feldman serves on several national and international code committees including: the Canadian Highway Bridge Design Code, ACI 318 Building Code, and the fib Model Code. She actively serves on several ACI board and technical committees and has been active in CSCE at both the local level, as past chair of the Calgary section, and at the national level, most recently as National Lecture Tour Coordinator



ADEL FRANCIS

Dr. Francis is an Associate Professor in Planning and Construction Management in the Department of Construction Engineering at the École de Technologie Supérieure, University of Quebec, a post he has held since 2009.

His degrees include a B.Sc. in Civil Engineering (1982) from the University of Alexandria, a Master of Project Management (1992) from the University of Senghor, and a Ph.D. in Project Planning and Scheduling (2004) from the École de Technologie Supérieure, University of Quebec.

His areas of research expertise focus on visualization, optimization and graphic modeling for project planning. For over fifteen years, he has devoted his work mainly to the study, analysis, development, and implementation of a Chronographic Model for construction operations planning, and he has developed computer applications and written publications in this area. He also attends conferences where he serves regularly as a reviewer, presenter and session chair.

Dr. Francis has over 30 years of experience serving on several multidisciplinary teams in which he has developed strategies and implemented integrated project management systems, planned and implemented schedules, calculated cost control and project monitoring and completed risk assessments and value analyses.

During his career, Dr. Francis has worked for government departments, consultancies, and contractors. He has managed construction projects, prepared tender documents, analysed bids, acted as a bidder, managed contracts, and audited the various stages of project implementation while identifying gaps and developing and implementing corrective and preventive measures. He has also participated in opportunity and feasibility studies as well as financial and economic analysis studies.



THOMAS FROESE

Thomas Froese is a Professor in the Department of Civil Engineering at the University of British Columbia in Vancouver, Canada. His research and teaching interests are in construction management, computing, and sustainability. Thomas originally studied Civil Engineering at UBC before obtaining his Ph.D. from Stanford University in 1992.

Thomas is an authority on information technology for the construction industry, particularly systems integration through the use of industry data standards and Building Information Models (BIM). He has been active in the development of the ISO Standard 16739, the Industry Foundation Classes, an open standard for BIM data, and has conducted research on the use of BIM in the area of project management. Thomas has been involved in research and development of computer tools for construction since 1986, has authored over 183 papers and reports on the subject. He has founded two companies, consulted on several national and international projects involving databases, BIM, CAD, and web-based systems for the construction industry.

Thomas has an innovative teacher of construction management and related topics. He has driven the creation of new courses and programs in construction and in urban systems, and as introduced many innovations in teaching methodology.

Thomas has been active in the CSCE Construction Division since the 1980's. He is a past Chair of the division, and is current co-chair of the 2015 CSCE International Construction Specialty Conference.



LIPING FU

Dr. Fu is a Professor in the Department of Civil and Environmental Engineering at the University of Waterloo and Director of the Innovative Transportation Solutions Lab. He is the past chair of the Transportation Division of the Canadian Society for Civil Engineering and the winner of the 2011 Award of Academic Merit of Transportation Association of Canada for his long time contribution to the advancement of the transportation field. Dr. Fu holds a B.Sc. and a M.Sc. degree in Road and Traffic Engineering from Tongji University, P. R China and a Ph.D. in Transportation Engineering from the University of Alberta.

Dr. Fu's research interest specifically focuses on evaluation and optimisation of large, complex traffic and transportation systems where uncertainty and dynamics play a major role, and on the development of decision support tools for use in managing these systems. Dr. Fu has a long track record of research contributions to the areas of intelligent transportation systems, public transit, road safety, and winter road maintenance. Dr. Fu has authored more than 150 publications in refereed journals and technical conferences.

Dr. Fu holds two international patents and several software copyrights including a highway-railway grade crossing risk assessment tool currently being used by Transport Canada. Dr. Fu has served on numerous technical committees of various professional organizations, including Transportation Research Board, Editorial Advisory Board of the journal of Transportation Research, and Intelligent Transportation Systems Society of Canada.



JEANNE HUANG

Dr. Jeanne Jinhui Huang received her Ph. D. in water resources engineering from the University of Guelph, Canada and her B. E. in civil engineering and B. E. in technical economy from Tianjin University in China. Dr. Huang's expertise is in the areas of climate change, eco-hydrology and eco-system restoration.

Dr. Huang is a professor in the College of Environmental Science and Engineering at Nankai University in Tianjin, China. Prior to that, she was professor/assistant dean in the School of Civil Engineering at Tianjin University in China from 2010 to 2014. She is also an adjunct professor in the School of Engineering of the University of Guelph. Before she went back to China from Canada in early 2010, she worked for MMM Group in Toronto between 2007 and 2010. Prior to working in Ontario, she held several engineering positions in the US and China from 1990 to 2002.

Dr. Huang is a very active member of the CSCE as a Special Envoy to China of the International Affairs Committee (IAC), a position she has held since 2010. Through her hard work and dedications to the CSCE, she has organized many joint projects and workshops in China for many CSCE colleagues. Through her efforts, CSCE has established international contacts in Korea, Taiwan, Singapore and France.

In 2011, Dr. Huang received a Dayu Technology Award (Class 1) from the Ministry of Water Resources in China for her contributions to a CSCE joint project undertaken in Gansu Province in China from 2008 to 2010.



AMGAD HUSSEIN

Dr. Amgad Hussein is an Associate Professor and Department Head of Civil Engineering at Memorial University of Newfoundland. He graduated from Ain-Shams University, Cairo, Egypt, in 1984 and received his Master's and Ph.D. degrees in Structural Engineering from Memorial University in 1990 and 1998, respectively.

He joined the Faculty of Engineering, Memorial University in 2001. In 2014, he became the first department head after establishing departments in the faculty. He conducts research in the areas of reinforced concrete structures. He has published 50 technical papers in peer-reviewed journals and conference

proceedings, while supervising the research of 15 Masters and Ph.D. students, and post-doctoral fellows. Prior to joining Memorial, Dr. Hussein carried out the full structural design of the biggest hockey arena in Newfoundland, Mile One Stadium. He has also served as a consultant for Offshore and construction companies in Newfoundland after joining Memorial.

Dr. Hussein had been actively involved with the CSCE chapter in Newfoundland since 2001. He has served on both CSCE structures and mechanics committees. He co-Chaired the 1st International Engineering Mechanics and Materials Specialty Conference and was a member of the local organizing committee of the 2009 Annual CSCE Conference.

Dr. Hussein has keen interest in engineering education. In 2007, he received the the Professional Engineers and Geoscientists of Newfoundland and Labrador Teaching Award in recognition of his outstanding contribution to engineering education. In 2014, he was the recipient of the Dean's Award for teaching excellence in recognition to outstanding contribution to teaching in the Faculty.



IAN MOORE

Receiving bachelors and doctoral degrees from the University of Sydney (1980 & 1986), Dr Moore is Canada Research Chair in Infrastructure Engineering at Queen's University.

An expert on behavior and design of buried pipes, his more than 250 publications examine conventional and trenchless construction of buried water, sewer, and energy pipelines, leading to many contributions to North American and international design, assessment, and pipe repair practice. Professional activities include work as Editor of the Canadian Geotechnical Journal, the Canadian Foundation Engineering Manual, and involvement with code,

professional and scholarly committees in Canada and the US.

Previous honours include the Killam Research Fellowship from the Canada Council, the Stirling Medal from the Engineering Institute of Canada, best paper awards from the ASCE, the Canadian Geotechnical Society, and the North American Society of Trenchless Technology, and election as Fellow of the Canadian Academy of Engineering and the Engineering Institute of Canada.



CATHERINE MULLIGAN

Dr. Catherine N. Mulligan, Eng. obtained her B.Eng and M.Eng. degrees in chemical engineering and a Ph.D. in geoenvironmental engineering, all from McGill University. She worked for the Biotechnology Research Institute and then SNC Research Corp of SNC Lavalin before joining Concordia University in 1999.

She currently holds a Concordia Research Chair in Geoenvironmental Sustainability (Tier I) and is Full Professor and Associate Dean, Research and Graduate Studies of the Faculty of Engineering and Computer Science. She has authored more than 85 refereed papers, (co)published 6 books, holds three patents and has supervised to completion more than 45 graduate students. She established and is the Director of the Concordia Institute of Water, Energy and Sustainable Systems. The Institute trains students and performs research into new technologies and solutions for environmental sustainability.

She was a member of the CSCE sustainable development committee since 2005 and chair from 2008 to 2013 and is the CGS representative on the CSCE board since 2013. She won the editorial award for the ASTM contaminated sediment conference proceedings in 2014, and the A.G. Stermac Award for outstanding service to the Canadian Geotechnical Society, 2010. She has been the VP Communications of the CGS since 2012. She has been involved in the organization of numerous conferences as technical committee co-chair, for the EIC Climate Change Technology Conference, 2009 and 2013, the General conference technical chair of the CSCE Annual Conference, Montreal in 2013, and the HKIE-CSCE International Conference on Waste Engineering and Management in Hong Kong, 2008.



JEFF RANKIN

Dr. Rankin holds the rank of Professor and is the M. Patrick Gillin Chair in Construction Engineering and Management in the Department of Civil Engineering at the University of New Brunswick. Previous to joining the Department of Civil Engineering,

Jeff was the Executive Director of the Construction Technology Centre Atlantic, an innovation broker for the region's construction industry. Jeff is a fourth generation builder and began in the construction industry as a labourer in Halifax and his experience has included various project and construction management roles in many types of construction projects including commercial high-rises and larger projects such as the Confederation Bridge.

While completing his doctorate at the University of British Columbia, Jeff's research centered on the development of integrated and distributed construction management systems based on information standards (a precursor to Building Information Modeling). Currently, Jeff's research program focuses on improving the performance of the construction industry by strengthening its capacity for innovation through improved management practices, with a specific interest in the appropriate adoption and implementation of various technologies. Jeff has co-authored over a hundred academic papers and research reports some of which have been recognized for best paper awards but is most proud of the success of his past and current Doctoral and Masters research students.

Jeff has served the CSCE in many technical and administrative roles including: VP Technical Divisions and Committees, Chair of the Construction Division, Technical Co-Chair of several Construction Specialty Conferences, Associate Editor for CJCE, National Honorary Treasurer, Treasurer for the Atlantic Region, and three terms as a member of the National Management Committee and Board of Directors.

SHERRY SPARKS



Sherry Sparks is the Director of Building Inspection for the City of Moncton and responsible for building and development projects in the City of Moncton and Town of Riverview. She commenced her career in 1983 with Marine Atlantic and in 1991 became a regional engineer with the New Brunswick Department of Supply and Services.

Sherry obtained her B.Eng. (civil) in 1983 from the University of New Brunswick, in 1980 received her civil engineering technology diploma from New Brunswick Community College and has also obtained her Skilled Communicator Designation from International Training and Communication (ITC), project manager gold seal certificate and in 2009 received her Level 3

Certification as a Certified Building Inspector and Level 1 Qualified Building Inspector from the New Brunswick Building Officials Association (NBBOA).

Sherry is currently President and Chair of the Building Committee of the YWCA Moncton, Vice Chair of the Spencer Foundation Board, past president of NBBOA, member of the YMCA Building Committee and Angle Fund Celebration and CSCE Vice-Chair of the Moncton/PEI Section.

She has completed past terms as President of the Association of Professional Engineers and Geoscientists of New Brunswick (APEGNB), CSCE Vice President of Atlantic Region Council, Director of the Greater Moncton Home Builders Association and President of Primus ITC Club.

Sherry has received several awards including the CSCE James A. Vance Award, Engineers Canada Support of Women in Engineering Award and Fellowship Certificate, APEGNB Support of Women in Engineering Award and Citizenship Award, YWCA Women at Work Distinction Award and Muriel Fergusson Award (Women in Business).

DAGMAR SVECOVA



Dr. Dagmar Svecova, P.Eng. graduated from the Slovak Technical University in Bratislava, Slovakia with a masters of Civil Engineering (with Distinction) in 1989. Following three years of teaching and research positions in Slovakia, she joined Carleton University where she completed her MSc in 1994 and a PhD in 1999.

She joined the University of Manitoba first as a Post-Doctoral Fellow in 1999, and then as an Assistant Professor of Civil Engineering in 2000. She is currently Professor of Civil Engineering, and Director of the ISIS Canada Resource Centre for structural health monitoring of civil structures, both at the University of Manitoba.

Her research interests are in the applications of fibre reinforced polymers (FRP) in civil engineering, assessment and repair of structures, and structural health monitoring. She published more than 77 technical papers and reports, and supervised 32 graduate students.

Dr. Svecova received the 2013 University of Manitoba excellence in Engineering Education Award for her contribution to improving the quality of undergraduate education by implementing hands-on experiments.

She serves on three technical code committees for the use of FRP in Civil Engineering; CAN-CSA S6, CAN-CSA S806, and ISO/TC 71. She is a member of several professional societies including the American Concrete Institute (ACI), International Society for Structural health Monitoring of Intelligent Infrastructure (ISHMII) and the Canadian Society for Civil Engineering (CSCE). She was a Chair of the Manitoba section of CSCE, and the University of Manitoba CSCE Student Chapter, and served for several years as the Chair of the Publications and Communication Committee of CSCE.



FRANK VECCHIO

Frank Vecchio received his doctorate from the University of Toronto (1981), where he also received his B.A.Sc. (1978) and M.Eng. (1979) degrees. He is Professor of Civil Engineering at the University of Toronto, since 1985, and was previously a research engineer at Ontario Hydro (1981-1985). Dr. Vecchio is a registered Professional Engineer in Ontario, and is a member of the American Society of Civil Engineers (ASCE) and the Canadian Society of Civil Engineers (CSCE). He serves on American Concrete Institute (ACI) Committees 447 (Finite Element Analysis of Reinforced Concrete) and 441 (Reinforced Concrete Columns).

Dr. Vecchio's research interests relate to the development of improved analysis and design procedures for reinforced concrete structures. Activities includes the development of improved constitutive models and nonlinear finite element procedures, application to the assessment and forensic analysis of concrete structures, and analysis of repaired or rehabilitated structures. He is the author of over 90 technical papers in these areas.

Dr. Vecchio has served as a consultant on numerous projects, providing assessments on the safety and performance of structures. Structures investigated have included nuclear power plant buildings, highway and rail bridges, subway tunnels, wind turbine foundations, heavy industrial buildings, silos, and crash barriers, among others.

Dr. Vecchio is a recipient of the CSCE Horst Leipholtz Medal (2014), the CSCE Whitman Wright Award (2011), the ACI Structural Research Award (1998), the ACI Structural Engineering Award (1999), the ACI Wason Medal (2011), and was elected a Fellow of ACI in 2000. In 2014, he was awarded the PEO/OSPE Engineering Medal for Research and Development.

BOURSE DONALD JAMIESON FELLOWSHIP



YAMEN ELBAHY

Donald Jamieson was a prominent civil engineer in British Columbia, who, until his untimely death in 1983, was the Chair of the 1984 Conference of the International Association of Bridge and Structural Engineers held in Vancouver. The Donald Jamieson Fellowship was established in his honour in 1987. The Fellowship is awarded annually to candidates pursuing full-time graduate studies in structural engineering at a Canadian University.

The Donald Jamieson Fellowship in Structural Engineering is awarded to Yamen Elbahy for the 2015-16 academic year. Mr. Elbahy is currently a PhD candidate at the Department of Civil and Environmental Engineering at Western University. This is Mr. Elbahy's second year as the Jamieson Fellowship recipient. (The Jamieson Fellowship may be made available to one individual for a maximum of two consecutive years).

Mr. Elbahy completed his undergraduate studies at Ain Shams University in Egypt in 2004, followed by a software development diploma at the Information Technology Institute (ITI). He then traveled to Canada to earn his MEng degree at Western University in 2008. Mr. Elbahy is currently pursuing his PhD degree under the supervision of Dr. Maged A. Youssef.

Mr. Elbahy was involved in the design and construction of different types of structures during his industrial career. From 2009 to 2010, He worked as a research assistant at the Centre for Advanced Materials at the British University in Egypt.

During his studies, Mr. Elbahy received numerous prestigious awards and scholarships. He was the recipient of the Canada Graduate Scholarship (NSERC-CGS) from 2011 to 2014. His paper in the 2nd Canadian Conference on Effective Design of Structures was chosen by the technical committee for the best paper award in the area of innovative materials.

Mr. Elbahy has been elected as vice president-internal affairs for the Graduate Engineering Society in 2012. He is also the current councilor for the Society of Graduate Students and Graduate Engineering Society, and the steward for the Graduate Teaching Assistants Union.

Mr. Elbahy is a member of the Canadian Society for Civil Engineering, Egyptian Syndicate of Engineers, and a student member of the American Concrete Institute.

MEDAILLE HORST LEIPHOLZ MEDAL



GHANI RAZAQPUR

Established in 1990 in honour of the late Professor Horst Leipholz, a leading civil engineer whose work made a major impact in the field of engineering mechanics, the Horst Leipholz Medal recognizes outstanding contributions to engineering mechanics research and practice in Canada.

The recipient of the Horst Leipholz Medal for 2015 is Dr. Ghani Razaqpur.

Ghani Razaqpur is professor of civil engineering at McMaster University and a former president of the Canadian Society for Civil Engineering. He completed his B.Eng. at the American University of Beirut in 1973., his M.A.Sc. at the University of Hawaii in 1978 and his Ph.D. at the University of Calgary in 1982. In 1983 he joined the Department of Civil Engineering at Carleton University, where he rose to the rank of full professor in 1995, and served as Department Chair and Associate Dean of the Faculty of Graduate Studies and Research. In 2005 he moved to McMaster University in Hamilton as professor and Director of the Centre for Effective Design of Structures. A year later he assumed the additional responsibility of the Chair of the Department of Civil Engineering. In 2010 he stepped down from his administrative positions and returned to normal teaching and research duties.

Dr. Razaqpur has made significant contributions to several areas of applied mechanics, including concrete mechanics and durability, finite element method, bridge engineering, fibre reinforced polymers (FRP), and blast resistant design of structures. He has published over 180 technical papers in major journals and conferences, and chairs the technical committees of the CSA Standard S806 for FRP design and CSA Standard S850 for blast resistant design of structures. He has received many awards for his research and professional contributions, including the CSCE A.B. Sanderson Award and the CSA Award of Merit. He is Fellow of CSCE, EIC and the Canadian Academy of Engineering.

PRIX A.B. SANDERSON AWARD



MURAT SAATCIOGLU

The A.B. Sanderson Award was established in 1977 in honour of Adrian Barclay (Sandy) Sanderson (1909-1994), a very distinguished structural engineer and University of British Columbia graduate from Vancouver. Among Mr. Sanderson's best known achievements were the 1954 design of the Mosquito Creek Bridge in North Vancouver, the superstructure of the MacDonald-Cartier Bridge over the Ottawa River, then the longest continuous box girder in North America, and his involvement in the Mount Kobau Astronomical Observatory. The A.B. Sanderson Award is presented to a member of the CSCE who has made particularly outstanding contributions to the development and practice of structural engineering in Canada.

The A.B. Sanderson Award for 2015 is granted to Dr. Murat Saatcioglu. .

Dr. Murat Saatcioglu is a Distinguished University Professor and University Research Chair in the Department of Civil Engineering of the University of Ottawa. He is also the Director of the Hazard Mitigation and Disaster Management Research Centre of the same university and the Past-President of the Canadian Association for Earthquake Engineering. Dr. Saatcioglu received his M.A.Sc. from the University of Toronto and his PhD from Northwestern University, Evanston, Illinois, USA in Structural Engineering. His research interests include analysis, design and retrofit of concrete structures subjected to extreme dynamic loads, including those caused by earthquakes and bomb blasts.

Professor Saatcioglu is the recipient of the 2014 Whitman Wright Award from CSCE; 2004 Wason Medal from ACI; the 2000 Raymond C. Reese Research Prize from ASCE; the 2001 and 2004 Casimir Gzowski Medals from CSCE; the 2005 CCEDS-1 Award for Best Paper from McMaster University; the 2003 Excellence in Education Award, from the 1996 University of Ottawa Award for Excellence in Teaching, the 1992 John V. Marsh Award for Excellence in Teaching from the University of Ottawa; the 1993 Lieutenant Governor's Award for Teaching Excellence; and the 1992 OCUFA Teaching Award. He is a Fellow of CAE, EIC, ACI and CSCE. He is also a member of ASCE, EERI and CAEE. Dr. Saatcioglu is an active member of numerous technical committees of ACI and CSA, and served 12 years as a member of the Standing Committee on Earthquake Design of NBCC. He is the editor and co-author of two books, author or co-author of 12 book chapters and over 150 technical papers. He is a registered Professional Engineer in the Province of Ontario



MOHAMED AL-HUSSEIN

The Walter Shanly Award is presented to a member of CSCE who, in the opinion of the selection committee, has made truly outstanding contributions to construction engineering research and/or practice in Canada. This may be either through sustained activities over an extended period or through being either the author or principal inspiration and one of the significant authors of three or more peer-reviewed papers on a relatively narrow topic over a period of two to five years in relevant journals of international standing, such as the Canadian Journal of Civil Engineering.

The winner of the Walter Shanly Award for 2015 is Dr. Mohamed Al-Hussein.

Dr. Mohamed Al-Hussein obtained a BSc (Civil Engineering, 1983) and an MSc (Civil Engineering, 1988) from the University of Architecture, Civil Engineering and Geodesy (formerly the Higher Institute of Architecture and Civil Engineering), Sofia, Bulgaria.

He went on to earn a Master of Applied Science degree (Construction Engineering and Management, 1995) and a PhD (Construction Engineering Management, 1999) from Concordia University, Montréal. Dr. Al-Hussein is currently a professor at the University of Alberta, and holder of the NSERC Industrial Research Chair in the Industrialization of Building Construction. His research focuses on applications of modular and offsite construction methods and technologies. He has been prolific in the areas of training and dissemination, with over 150 papers published in journals and conference proceedings.

He is also a sought-after speaker, with recent invited presentations given in Australia, China, Finland, Kazakhstan, Korea, Norway, the UAE, the UK, and the U.S. In addition to serving as Chair of the CSCE National Construction Division (2004-2008), recent service includes participation on organizing/technical committees for the Modular and Offsite Construction Summit, the CSCE Annual Conference, and the International Conference on Construction in the 21st Century, as well as advisory committee posts such as the CSA Technical Committee on Factory Certification of Buildings, the City of Edmonton Infrastructure Technical Advisory Committee, and the Canadian Multicultural Council. In addition to the CSCE Fellowship, Dr. Al-Hussein has been honoured recently with the Killam Annual Professorship (2014), the Modular Building Institute Modular Building Fellowship (2013), and a number of best paper awards.

PRIX E. WHITMAN WRIGHT AWARD



ASHRAF EL DAMATTY

Established in 1985 in honour of Dr. E. Whitman Wright, founding Chairman of the CSCE Computer Applications Division, the award is granted to a civil engineer who has made a significant contribution to the advancement of Innovation and Information Technology Civil Engineering.

The recipient of the Whitman Wright Award for 2015 is Dr. Ashraf El Damatty.

Dr. Ashraf El Damatty, F.CSCE, is a Professor, Faculty Scholar, and Chair of the Department of Civil and Environmental Engineering at Western University, London, Ontario. He serves as a Research Director at the WindEEE Research Institute and as Co-Editor-in-Chief of the Journal of Wind and Structures. He completed his B.Sc. in Civil Engineering in 1986 and M.Sc. in Structural Mechanics in 1990, both from Cairo University. He proceeded to complete his Ph.D. in Structural Engineering from McMaster University in 1995. He is the founder of the CSCE Steel Structures sub-committee. He has consulted for many private and government organizations in Canada, USA, Mexico and the Middle East, and has designed numerous buildings, elevated tanks, bridges and other structures.

He has written over 140 publications in the area of structural engineering, about half of which are in peer-reviewed journals. Dr. El Damatty has been the principal and co-principal investigator for research grants exceeding \$12.0 M. He has supervised the research of 24 Ph.D. and 17 M.Sc. students and has been invited as a keynote speaker in international conferences in Egypt, China, India, Ghana, South Korea and UAE.

He received several awards including the Alan Yorkdale Award by the American Standard for Testing Methods (ASTM), the Best Paper Award at the Canadian Conference on Effective Design of Structures, the Honourable Mention in the 2014 Casimir Gzowski Medal competition, and the Western University Faculty Scholar Award. His research on the behaviour of transmission line structures under tornadoes and downbursts has been internationally recognized, and he is currently leading the efforts at the ASCE-74 subcommittee for establishing guidelines for the design of these structures to resist high intensity winds.

PRIX JAMES A. VANCE AWARD



BRAD SMID

Established in 1977 in honour of Dr. James A. Vance (1892-1981), this award is granted to a civil engineer and CSCE member whose dedicated service has furthered the advancement of the Society. Dr. Vance joined the Canadian Society of Civil Engineers as a student in 1914 and, throughout his life, gave unstintingly of his time, resources and talent to the Society and its successor, the Engineering Institute of Canada. Mr. Vance served the Society and the EIC in numerous capacities, including as President of the latter in 1950.

The recipient of the James A. Vance Award for 2015 is Brad Smid

Brad Smid, P.Eng, graduated in Civil Engineering from the University of Alberta in 1999. Brad began his engineering career in the private sector and was involved in heavy civil construction and railroad engineering, prior to joining the Transportation Department of the City of Edmonton in 2002. Brad is a Program Manager in the LRT Design and Construction Branch, where he has been involved in the planning, design, and construction of Edmonton's South LRT (Capital Line), North LRT (Metro Line), and Southeast LRT (Valley Line) projects since 2005.

Brad is a strong believer in continuing professional development and community involvement. In addition to his work responsibilities, Brad is a minor hockey coach, a Scout leader, a Past Chair of the Association of Professional Engineers and Geoscientists of Alberta (APEGA) Edmonton Branch, a past Vice President of the Canadian Society for Civil Engineering (CSCE) Western Region, and a past Chair of the CSCE Edmonton Section. Brad continues to contribute to the engineering community through various volunteer committees and events. In recognition of his service to the Engineering profession, Brad was honoured to receive Certificate of Fellowship from Engineers Canada in 2015.

Brad and his wife Jennifer have three school-aged children and live in St. Albert, Alberta. Brad is an avid cyclist, canoeist, and hockey dad!

YOUNG PROFESSIONAL ENGINEER AWARD



KATELYN FRÉÇON

Awarded annually to a CSCE Member or Associate Member who has demonstrated outstanding accomplishments as a young professional engineer. Normally, nominees must be no older than 35 as of December 31 of the year that the award is presented

This is the first year that the Young Professional Engineer Award has been presented.

The Young Professional Engineer Award for 2015 is presented to Katelyn Fréçon.

Katelyn Fréçon studied at the University of Saskatchewan in Saskatoon, SK and obtained her B.Sc. in Civil Engineering with a 16 month Engineering Professional Internship Placement (EPIP) and the Engineering Entrepreneurship Option (EEO) in 2012. Katelyn expects to receive her P.Eng. designation in June 2015. She obtained a Master's Certificate in Project Management through the Edwards School of Business (Saskatoon, SK) and Schulich School of Business (Toronto, ON) in March 2015 and intends to obtain her Project Management Professional (PMP) designation in June 2015.

Since graduation, Katelyn has been employed as a Structural Engineer and Project Manager at Walker Projects in Regina, SK. She has been involved in the business development, structural design, and project management of numerous commercial, industrial, and institutional projects.

Katelyn has been actively involved in CSCE since she was a Second Year Representative for the University of Saskatchewan Student Chapter. She went on to be the Third Year Representative and Student Vice President. Upon Graduation, she took on the roles of Young Professionals Representative for the South Saskatchewan Section (2012-2015) and Young Professionals Conference Program Coordinator (2013, 2014, 2015). Katelyn is currently involved in initiatives including increasing student and young professional involvement in her section, increasing technologist involvement, and generating sustainability indicators.

Katelyn is also actively involved in the Association of Consulting Engineering Companies – Saskatchewan as a member of the Buildings Committee

PRIX P.L. PRATLEY AWARD



SAMY MUHAMMAD REZA, M SHAHRIA ALAM AND SOLOMON TESFAMARIAM.

Philip Louis Pratley (1884-1958) came to Canada in 1906 upon completion of his studies in Britain. His first position was with the Dominion Bridge Company on the Quebec Bridge. Later he was for twenty years a partner of the firm, Montsarrat and Pratley, which designed such well-known bridges as the Pont Jacques Cartier, and the Lion's Gate Bridge. After Montsarrat's death, Pratley continued the practice and during this period was responsible for the design of the Angus L. Macdonald Bridge and others equally notable. In addition to his successful practice, Mr. Pratley was a prolific author and active in the Engineering Institute of Canada. The Prix P.L. Pratley Award was established in 1987 and is awarded annually for the best paper on bridge engineering.



The 2015 Prix P.L. Pratley Award is granted to Samy Muhammad Reza, M Shahria Alam and Solomon Tesfamariam for their paper entitled "Seismic performance comparison between direct displacement-based and force-based design of a multi-span continuous reinforced concrete bridge with irregular column heights". Canadian Journal of Civil Engineering, 2014, 41(5): 440-449, 10.1139/cjce-2012-0278.



Abstract: North American bridge design codes, e.g., Canadian Highway Bridge Design Code and AASHTO 2007, follow force-based design (FBD) method, which is focused at the target force resistance capacity of the structure. Displacement-based design (DBD) method, on the other hand, aims to ensure a target maximum displacement of the bridge during earthquakes in a specific zone. In this study, bridges with irregular column heights have been designed according to DBD and FBD (as per Canadian standards and AASHTO 2007) considering seismic loading. Subsequently, seismic performances of the bridges designed with the two different methods have been compared by conducting nonlinear dynamic analyses in the longitudinal direction. Maximum and residual displacements and energy dissipation capacity are used as performance indicators. This study outlines the necessity of possible modification in the current Canadian seismic design standards as well as DBD for bridges with irregular column heights.

PRIX STEPHEN G. REVAY AWARD



AMINAH ROBINSON FAYEK AND ABRAHAM ASSEFA TSEHAYAE

The Stephen G. Revay Award was established in 2005 in honour of the late Mr. Stephen G. Revay (1924-2004). President of the CSCE in 1989-1990, Mr. Revay made outstanding contributions to several heavy engineering projects in Canada before founding his firm, Revay and Associates, in 1970, in the area of project management and construction dispute resolution. The CSCE wishes to acknowledge the generosity of the City of Edmonton for funding this award. The Stephen G. Revay Award is presented for the best paper in the two-year period 2012-14 in the areas of construction engineering, construction management or project management.

The Stephen G. Revay Award for 2015 is granted to Aminah Robinson Fayek and Abraham Assefa Tsehayae for the paper entitled "Identification and comparative analysis of key parameters influencing construction labour productivity in building and industrial projects. Canadian Journal of Civil Engineering, 2014, 41(10): 878-891.



Abstract: Parameters (factors and practices) influencing construction labour productivity are multi-faceted and project dependent. A proven measurement scheme and modeling approach to investigate the effect of parameters on construction labour productivity has not yet been developed. This study identifies key parameters influencing labour productivity using context-sensitive surveys that reveal contextual differences between key parameters. The study relies on data collected through 141 surveys administered to project management and trade respondents from six Canadian projects in either of two contexts: building and industrial. Analysis revealed the top parameters influencing labour productivity on building and industrial projects. Consensus between project management and trade level respondents regarding parameters' effects within and between contexts was evaluated using statistical analysis; results indicated some differences in perception. The methodology and findings from this paper are useful for identifying enablers of and barriers to better productivity, developing context-sensitive labour productivity models for use in analysis, and developing productivity improvement strategies.

PRIX DONALD R. STANLEY AWARD



GREGORY COURTICE, ABUL BASAR M. BAKI, DAVID Z. ZHU, CHRISTOPHER CAHILL AND WILLIAM M. TONN

Donald R. Stanley Award was established in 2006 in honour of the late Dr. Don Stanley, a leader in the transfer of research and technology into the practice of Environmental Engineering. In 1954, Dr. Stanley founded Stanley Associates Engineering, a one-person operation that has since grown into Stantec Inc., an international, multi-disciplinary organization with 80 locations worldwide. The CSCE wishes to acknowledge the generosity of Stantec Consulting Ltd. for the establishment of the initial endowment of the Donald Stanley Award.



The 2015 Prix Donald R. Stanley Award is granted Gregory Courtice, Abul Basar M. Baki, David Z. Zhu, Christopher Cahill, William M. Tonn for their paper entitled “Stream modifications to enhance system connectivity for fish habitat compensation: a case study in the Barrenlands region of Canada”, Canadian Journal of Civil Engineering Issue 7, pages 650-659.



Abstract: This study examines stream modification efforts to increase the productive capacity of an isolated system of three small lakes in the Barrenlands region of Arctic Canada by enhancing system connectivity. The lakes’ outlet streams were modified to create conditions favourable for fish passage and thereby promote migration among the lakes and the large lake into which they drain. Gabion step pools (in two streams) and a nature-like choke-and-pool structure (in one stream) were installed. Two years of post-construction hydraulics data were compared to data collected for two years prior to construction to determine the efficacy of the various stream modifications. Initial evaluations indicated unsuccessful performance of gabion step pools, so after the first year, they were retrofitted with boulders to increase flow depth, restrict discharge, improve flow duration, and create unimpeded connections rather than sudden drops. Variation of lake levels and duration, variability, and depth of stream flow indicated that outlet geometry and lake catchment area should be important considerations when enhancing connectivity for fish migration in ephemeral systems. A narrow, rectangular cross-section was deemed effective for increasing flow depth while decreasing discharge, resulting in increased duration of flows. Catchment area was an effective indicator of a headwater lake’s potential response to connectivity enhancements. Smaller catchments may provide inadequate runoff to sustain minimum storage requirements for enhanced connectivity. Our findings should advance the knowledge of headwater system hydraulics in the Barrenlands and assist in designing future fish habitat compensation projects on similar systems.



MÉDAILLE THOMAS C. KEEFER MEDAL



SHAGHAVEGH POURNAZERI, S.SAMUEL LI AND FARIBORZ HAGHHIGHAT

Thomas Coltrin Keefer (1821-1915), who is probably the best-known member of the Keefer dynasty, was a co-founder in 1887 of the CSCE and its first president. He is particularly remembered for his work in the construction of canals, railways, and water supply systems (Ottawa, Hamilton, and Montreal). His best known publications are "Philosophy of Railroads" (1849) and "The Canals of Canada" (1850). During his career Thomas Keefer was also president of the A.S.C.E., of the Canadian Institute, and of the Royal Society of Canada. The Keefer Medal, established in 1942, is presented annually for the best civil engineering paper in hydrotechnical, transportation or environmental engineering.

The 2015 Keefer Medal is awarded to Shaghayegh Pournazeri, S. Samuel Li, Fariborz Haghighat For the paper entitled "Efficient non-hydrostatic modelling of flow and bed shear stress in a pier scour hole" as published in CJCE-2013-0160, vol. 41, 450 – 460



Abstract: Predicting 3-D flow in a pier scour hole and the associated bed shear stress T_b is important for the safe and economical design of bridge piers. This paper combines layered, hydrostatic hydrodynamic computations with non-hydrostatic pressure corrections, exploring a new modelling approach for efficient and reliable predictions of 3-D flow velocity. The law of the wall method is used for estimating T_b . Its suitability for incorporation into layered models for bedload transport and pier scour simulations is also discussed. The predicted flow shows realistic features: strong downward flow adjacent to the upstream nose of a circular pier, vortex motions in the vertical and horizontal direction, and meandering flow wakes. The velocity results compare well with available experimental data. In the approach region, T_b is uniform. It attains a local maximum immediately before flow enters the scour hole and then drops non-linearly in the scour-hole region toward the pier. In the wake region, T_b has very low values. The T_b predictions are consistent with the experimental data. In multi-layer models, when applying the law of wall method, one should use near-bed velocities as opposed to bottom-layer velocities to obtain more reliable T_b estimates and avoid noisy results, which can cause a numerical instability problem in bedload transport simulations.



Honourable Mention

The Honourable Mention for 2015 is awarded to Jyoti Kumari Upadhyaya, Nihar Biswas, and Edwin Tam For the paper entitled " A review of infrastructure challenges: assessing stormwater system sustainability" Can. J. Civ. Eng. vol. 41 (6),483-492

MÉDAILLE CASIMIR GZOWSKI MEDAL

HANPING HONG, THOMAS MARA, ROBERT J. MORRIS, WEI YE AND SHIHAN LI

As superintendent of public works of the Province of Canada, Colonel Sir Casimir Stanislaus Gzowski (1813-1898) was responsible for improving waterways and canals and constructing roads, harbours and bridges. Later, he was involved in railroad construction and the design and construction of the international bridge at Fort Erie. A founder of the CSCE in 1887, he served as president from 1889 to 1891. Established by Sir Casimir in 1890, the Casimir Gzowski Medal is awarded annually for the best civil engineering paper in surveying, structural engineering or heavy construction

The 2015 Casimir Gzowski Medal is awarded to Hanping Hong, Thomas Mara, Robert J. Morris, Sihan Li and Wei Ye For the paper entitled "Basis for Recommending an Update of Wind Velocity Pressures in Canadian Design Codes", Can. J. Civ. Eng., Vol. 41, Issue 3, 206-221

Abstract: Reference wind velocity pressures corresponding to specified return period wind speeds are provided in several Canadian design codes. A review of the two most recent editions of the National Building Code of Canada (NBCC) indicates that significant changes in some 50-year return period wind speeds were introduced in NBCC-2010 compared to NBCC-2005. The changes are due to the analysis approach, available wind records, and a re-examination of anemometer histories. To potentially improve the estimates of the design wind speeds in the NBCC, wind records in the Environment Canada HLY01 digital archive were processed. 235 meteorological stations are considered in the analysis, corrections are applied for anemometer height and exposure, and annual maximum hourly-mean wind speeds were extracted. Probabilistic analysis was carried out using the Gumbel and generalized extreme value distributions, and several fitting methods were employed. The results indicate it is preferable to treat the annual maximum wind speeds as a Gumbel variate, and to carry out the fit using the generalized least-squares method. Wind speed contour maps for Canada were developed for return periods of 50, 500, and 1000 years. The developed maps retain some of the smoothness of the wind speed provisions in NBCC-2010, while maintaining localized wind speed features provided in NBCC-2005. The results suggest that the wind speed corresponding to the factored design wind load in NBCC-2010 is associated with a return period ranging from 200 to 5000 years, but for 90% of stations considered, the range narrows to 300 to 900 years.



CSCE-CANAM EXCELLENCE IN INNOVATION IN CIVIL ENGINEERING AWARD / LE PRIX SCGC-CANAM POUR L'EXCELLENCE EN INNOVATION DANS LE DOMAINE DU GÉNIE CIVIL

Established in 2008, this award recognizes excellence in innovation in civil engineering by an individual or a group of individuals practicing civil engineering in Canada, or a Canadian engineering firm, or a Canadian research organization. The CSCE wishes to acknowledge the generosity of Canam Canada for funding this award.

The winner for the Excellence in Innovation in Civil Engineering Award for the year 2015 is Buckland and Taylor for their project Milton Madison Bridge Replacement



AWARD FOR GOVERNMENTAL LEADERSHIP IN SUSTAINABLE INFRASTRUCTURE / LE PRIX POUR LE LEADERSHIP GOUVERNEMENTAL EN INFRASTRUCTURE DURABLE



Established in 2011, the primary objective of this award is to provide recognition to Canadian governmental organizations for true innovation and leadership in the development and guardianship of sustainable civil engineering infrastructure projects or systems. The overarching principle for selecting the recipient of the award is the leadership that the recipient has provided with respect to the integration of sustainability in the design and/or operation of civil engineering infrastructure. As such, there is an expectation that nominations highlight demonstrated excellence in advancing the state-of-the-art in building or maintaining public infrastructure with extraordinary commitment to sustainability.

The nominees for the award for Governmental Leadership in Sustainable Infrastructure for the year 2015 are:

- **SaskPower:**

SaskPower has successfully launched the world's first commercial-scale carbon capture and storage (CCS) project for a coal-fired power plant - the Boundary Dam Integrated CCS Project. This project involved transforming a coal-fired power station more than a half-century old into a model of environmental sustainability.

The aging Unit #3 at the Boundary Dam Power Station near Estevan, Saskatchewan was retrofitted into a reliable, long-term producer of 120 MW net of base-load electricity that will considerably reduce greenhouse gas emissions. Each year, one million tonnes of CO₂ emissions will be captured, that's the equivalent to annually removing 250,000 vehicles from Saskatchewan roads.

- **Ville de Westmount Quebec :**

La ville de Westmount a fait le choix visionnaire d'enfourir son nouvel aréna afin d'offrir l'accès à deux patinoires ainsi qu'à un espace vert supplémentaire de 5960m. Grâce à son toit vert, à sa structure novatrice qui emprunte aux techniques de « pont », à la stabilité thermique souterraine, à son système de biorétention des eaux pluviales et à la récupération de chaleur des compresseurs qui chauffent l'air ambiant , l'eau domestique et de piscine extérieure, ce projet vise une certification LEED Or.

CERTIFICATES OF APPRECIATION

CERTIFICATS D'APPRECIATION

In recognition of their many contributions

En reconnaissance de leurs nombreuses contributions

Retiring Officers and Committee Members / Officiers et membres de comités finissant leur terme

Arbind Mainali	Vice-President, Administration Coordinating Committee 2011-2015
Susan Hickey	Vice-President, Atlantic Region 2011-2015
Harold Retzlaff	Vice-President, Prairie Region 2011-2015
Mike Hnatiuk	Chair, Communications Committee 2013-2015
Cal Sexsmith	Chair, History Committee 2011-2015
Nigel Parker	Chair, Young Professionals Group 2013-15
Michael Bender	Chair, Hydrotechnical Division 2012-2015
Gopal Achari	Chair, Environment Division 2011-2015
Simon Foo	Chair, Innovation and IT Committee 2011-2015
Ron Droste	Chair, International Affairs Committee 2011-2015
Tarek Sayed	Editor, Canadian Journal for Civil Engineering 2006-2015

Conference Organizers / Organizateurs de congrès

Cathy Lynn Borbely	Co-Chair, CSCE Annual Conference, Regina 2015
Harold Retzlaff	Co-Chair, CSCE Annual Conference, Regina 2015
Kelvin Ng	Technical Programs Chair, CSCE Annual Conference, Regina 2015
Thomas Froese	Co-Chair, International Construction Specialty Conference, Vancouver 2015
Farnaz Sadeghpour	Co-Chair, International Construction Specialty Conference, Vancouver 2015
Dana Vanier	Co-Chair, International Construction Specialty Conference, Vancouver 2015
Linda Newton	Chair, Technical Committee, International Construction Specialty Conference, Vancouver 2015
Van-Thanh-Van Nguyen	Conference Chair, 22nd Canadian Hydrotechnical Conference, Montreal 2015
Vincent H. Chu	Co- Chair, Technical Program Committee, 22 Canadian Hydrotechnical Conference, Montreal 2015
Jan Adamowski	Co- Chair, Technical Program Committee, 22 Canadian Hydrotechnical Conference, Montreal 2015

Minimum 6 years on a Committee/minimum de 6 ans sur un comité

Kirk Thompson	Member of the International Affairs Committee, 1999 - 2015
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PRESIDENT'S AWARD FOR THE BEST STUDENT CHAPTER PRIX DU PRÉSIDENT POUR LE MEILLEUR CHAPITRE ÉTUDIANT

1982-83	McGill University
1983-84	Lakehead University
1984-85	Université Laval
1985-86	University of Toronto
1986-87	Lakehead University
1987-88	University of Calgary
1988-89	University of Calgary & Université Laval
1989-90	Université de Sherbrooke
1990-91	McGill University
1991-92	École Polytechnique
1992-93	Université de Sherbrooke
1993-94	University of Toronto
1994-95	University of Western Ontario
1995-96	Université de Sherbrooke
1996-97	Lakehead University
1997-98	University of New Brunswick
1998-99	University of New Brunswick
1999-00	University of Western Ontario
2000-01	École de technologie supérieure
2001-02	University of New Brunswick
2002-03	Université Laval
2003-04	Université Laval
2004-05	Université Laval
2005-06	Université Laval
2006-07	Université Laval
2007-08	Université Laval
2009-10	University of Western Ontario
2010-11	British Columbia Institute of Technology
2011-12	University of Western Ontario
2012-13	University of Western Ontario
2013-14	Western University and British Columbia Institute of Technology

CSCE FELLOWS / FELLOWS SCGC

ELECTED/ÉLUS 1982-2014

ABD EL HALIM, A.O.	Ottawa, ON	1998
ABOURIZK, Simaan	Calgary, AB	2010
ADAM, George	Calgary, AB	1982
ADAMS, Barry	Toronto, ON	2004
AHUJA, Hira N.	Mississauga, ON	1983
AINLEY, P. William	Collingwood, ON	1986
AINSLIE, Stan	Calgary, AB	2002
AKHRAS, Georges	Kingston, ON	1997
ALEONG, Geoffrey L.	Whitby, ON	2000
ALLEN, C. Michael	Ottawa, ON	1995
ALLEN, David E.	Ottawa, ON	1993
AL-MANASEER, Akthem	San Jose, CA	2001
ANDRES, Reginald	Ottawa, ON	2007
ARCHER, Georges	Westmount, QC	1986
ARMITT, Ernest	Winnipeg, MB	2004
ATKINSON, Charles H.	Niagara Falls, ON	1983
ATTALLA, Mohamed	North York, ON	2010
AUBERTIN, Michel	Montreal, QC	1999
AZARNEJAD, Azita	Calgary, AB	2013
BABSTOCK, Reginald A.	St. John's, NF	2000
BADDOUR, Raouf A.	London, ON	2000
BAETZ, Brian W.	Hamilton, ON	2005
BAIRD, William F.	Ottawa, ON	2001
BAKER, John	Edmonton, AB	2005 *
BAKHT, Baidar	Downsview, ON	1985
BANTHIA, Nemkumar	Vancouver, BC	2006
BARBOUR, S. Lee	Saskatoon, SK	2002
BARBOUR, Steve	St. John's, NL	2009
BARTLETT, Kenneth O.	Fredericton, NB	1988
BARTLETT, F. Michael	London, ON	2006
BASARABA, Leonard G.	Vancouver, BC	2003
BASKIN, Kevin	Victoria, BC	2007
BASSI, Kris G.	Etobicoke, ON	1999
BATE, John	London, ON	1991
BEAULIEU, Denis	Ste-Foy, QC	1993
BÉDARD, Claude	Montréal, QC	2006
BELTAOS, Spyros	Burlington, ON	1989
BEWTRA, J.K.	Windsor, ON	2001
BICKLEY, John A.	Toronto, ON	1996
BING-WO, Reginald	Regina, SK	1983
BISCHOF, Max	North Vancouver, BC	2002
BISWAS, Nihar	Windsor, ON	2009
BLACKWELL, Walter	Toronto, ON	2001
BOIVIN, Richard	LaSalle, QC	1987
BOOY, C.	St. Adolphe, MB	1985
BORBELY, Cathy Lynn	Regina, SK	2005
BOUTHILLIER, P.H.	Edmonton	
BOZOZUK, Michael	Ottawa, ON	1997
BRADDOCK, Richard W.	Willowdale, ON	1982
BRAY, Dale I.	Fredericton, NB	1991

CSCE FELLOWS / FELLOWS SCGC ELECTED/ÉLUS 1982-2014

BRENNER, Konrad A.	Hamilton, ON	1986
BROADHURST, Denis	Calgary, AB	2008
BROWN, Thomas Girvan	Cochrane, AB	1999
BRUNO, Mario	Toronto, ON	2003
BUCKLAND, Peter G.	North Vancouver, BC	1982
BURNS,	P. Daniel Calgary, AB	1994
BURATTO, Dino A.	Windsor, ON	1999
BURNETT, Eric F.P.	State College, PA	1986
BURRELL, Brian C.	Fredericton, NB	1999
BUYDENS, Gerry	Victoria, BC	2001
CAMPBELL, Charles A.	East Bay, NS	1986
CAMPBELL, Colin H.	Calgary, AB	1996
CAMPBELL, T. Ivan	Kingston, ON	1989
CARLIN, Glen P.	Montreal, QC	2003
CASOLI, George	Richmond, BC	2009
CAZALY, Laurence George	Point Shares, Bermuda	1990
CERONI, Eugenio	Novi Ligure, Italy	2011
CESARIO, Giuliano	Toronto, ON	2005 *
CHAN, Evan Kit Yu	Hong Kong	2011
CHAN, T.H. Todd	Don Mills, ON	1994
CHEN, Chi Tsen	Halifax, NS	1995
CHENG, Jung-June Roger	Edmonton, AB	2004
CHERRY, Sheldon	Vancouver, BC	2000
CHEVARIE, Jean-Maurice	Moncton, NB	2010
CHIASSON, Paul-André	Moncton, NB	2013
CHIDIAC, Samir	Hamilton, ON	2014
CHIU, Cheuk Wah	Hong Kong	2014
CHRISTIAN, John	Fredericton, NB	1995
CLIFTON, Wayne A.	Regina, SK	1994
CLIMENHAGA, John Jay	Toronto, ON	2003
COLLINS, Michael P.	Oakville, ON	1988
COLLINS, Robert A.	Toronto, ON	1986
COMEAU, Michel P.	Halifax, NS	2002
COOK, Geoff R.	Toronto, ON	1982
COOPER, William P.	Oakville, ON	1986
CORMIER, Guy	Sarsfield, ON	2006
COUTURE, Armand	Laval des Rapides, QC	1982
COWE FALLS, Lynne	Calgary, AB	2010
CRAMM, David C.	Ancaster, ON	1985
CRAWFORD, Henry S.	Calgary, AB	2005
CRYSLER, Ralph E.	Oakville, ON	1986
CUNNINGHAM, Al	Moncton, NB	2009
DAGENAIS, Camille A.	Montréal, QC	1982
DANYLUK, Darrel John	Calgary, AB	2002
DAUPHINAIS, Ernest	Falardeau, QC	1992
DAVAR, Kersi S.	Fredericton, NB	1993
DAVIES, Llewelyn B.	Richmond, BC	1984
DE VALL, Ronald H	Vancouver, BC	1998
DEMERCHANT, Daryl	Fredericton, NB	2009
DENHAM, Richard	Ottawa, ON	2010

**CSCE FELLOWS / FELLOWS SCGC
ELECTED/ÉLUS 1982-2014**

DILGER, Walter H.	Calgary, AB	1988
DISHER, Jerry W.	Hamilton, ON	1982
DOERING, Jay	Winnipeg, MB	2005
DORTON, Roger A.	Willowdale, ON	1982
DOZZI, S. Peter	Calgary, AB	1985
DRIVER, Robert	Calgary, AB	2013
DROSTE, Ronald	Ottawa, ON	2011
DUFOUR, Marcel	St-Lambert, QC	1986
DUNASZEGI, Laszlo	Calgary, AB	2007
DUNFIELD, Malcolm	Riverview, NB	1999
EASA, Said M.	Toronto, ON	1995
EDAMURA, Hank	Thornhill, ON	2004
EL DAMATTY, Ashraf	London, ON	2014
ELEKTOROWICZ, Maria	Montreal, QC	2003
EL-JABI, Nassir	Moncton, NB	1997
ELLIOTT, Cyril R.	St. John's, NF	1989
ELLIS, John S.	Kingston, ON	1985
FALLIS, Ken J.	Winnipeg, MB	1985
FARAGO, Bert	Don Mills, ON	1987
FAZIO, Paul	Montréal, QC	1984 *
FELDKAMP, H.F. (Henry)	Saskatoon, SK	1997
FELIO, Guy	Rockland, ON	2014
FERNANDO, Siri	Edmonton, AB	2009
FILER, William A.	Ancaster, ON	1984
FILION, Yves	Montreal, QC	2007
FINE, Manny A.	Hamilton, ON	1982
FISHER, W. Bryce	Halifax, NS	1996
FOSCHI, Ricardo O.	Vancouver, BC	1996
FOWLER, Charles A.E.	Halifax, NS	1993
FOO, Simon	Gatineau, QC	2013
FRANCIS, Ralph M.	Fredericton, NB	1992
FRENETTE, Marcel	Cap Santé, QC	1982
FURNEAUX, R. John	Waverly, NS	2002
GARLAND, James	Whitby, ON	2009
GAGNÉ, Richard	Sherbrooke, QC	2014
GATES, William H.	Halifax, NS	1988
GEHR, Ronald	Montréal, QC	2002
GHALI, Amin	Calgary, AB	1986
GIGNAC, Pierre	Boucherville, QC	2010
GILMOR, Michael I.	Unionville, ON	1992
GORDON, James L.	Pointe-Claire, QC	1989
GOSELIN, Guy	Ottawa, ON	2007
GREEN, Roger	Waterloo, ON	1985
GREENFIELD, David	Burlington, ON	2001
GRIMBLE, Louis	Edmonton, AB	2001
HAAS, Ralph C.	Waterloo, ON	1994
HAN, Yingcai	Calgary, AB	2008
HARRIS, Philip J.	Burlington, ON	1983
HARRISON, R. Peter	Falmouth, NS	1984
HART, Peter R.	Toronto, ON	1982

CSCE FELLOWS / FELLOWS SCGC ELECTED/ÉLUS 1982-2014

HARWOOD, Appleton (Tony)	Dartmouth, NS	1992
HAYCOCK, Don H.	Waterloo, ON	2006
HÉBERT, Gilles	Moncton, NB	2005
HEGAZY, Tarek	Waterloo, ON	2014
HEINKE, Gary W.	Cobble Hill, BC	1984
HEISLER, Timothy	Saskatoon, SK	2001
HENRY, J. Glynn F.	Don Mills, ON	1994
HIBBARD, William R.	Edmonton, AB	1996
HICKS, Faye	Edmonton, AB	2003
HITCHCOCK, Barry	Scarborough, ON	1990
HODGES, Kenneth W.	London, ON	2000
HOLDEN, John D.	Calgary, AB	1996
HOLMAN, W.C.	St-Catharines, ON	1989
HONG, Hanping	London, ON	2014
HOSAIN, Mel U.	Saskatoon, SK	1985
HOUDE, Jules	Montréal, QC	1986
HUTCHINSON, Bruce G.	Waterloo, ON	1992
IRCHA, Michael C.	Fredericton, NB	1993
IRWIN, W. Wayne	London, ON	1995
IRWIN, Peter A.	Guelph, ON	2000
ISAACSON, Michael	Vancouver, BC	1995
ISABELLE, Henri	St. Lambert, QC	1987
ISHERWOOD, Brian	Mississauga, ON	1999
ISMAIL, Sayed	Fredericton, NB	2001
ISYUMOV, Nicholas	London, ON	1996
JAEGER, Leslie G.	Halifax, NS	1983
JAMES, Peter	London, ON	1986
JAMES, William	Guelph, ON	1985
JIN, Gordon	St. John's, NF	2003
JOFRIET, Jan C.	Guelph, ON	1992
JOHNSON, Claude D.	Thunder Bay, ON	1985
JORDAAN, Ian J.	St. John's, NF	1990
JULL, David E.	Toronto, ON	1998
JURIMAE, Jaak	Toronto, ON	2002
KATOPODIS, Christos	Winnipeg, MN	2012
KEARNEY, James H.	Toronto, ON	1987
KEENAN, Paul T.	Agincourt, ON	1997
KELLERHALS, Rolf	Heriot Bay, BC	1984
KELLS, James A.	Saskatoon, SK	2003
KENNEDY, John B.	Windsor, ON	1988
KHAN, Ata M.	Ottawa, ON	1996
KHOUDAY, Amin	Mont Royal, QC	1995
KIERANS, Tom	St. John's, NF	2001
KING, Peter	London, ON	2001
KNOLL, Franz	Laval, QC	1994
KOCH, V.H.	Hamilton, ON	2009
KOROL, Robert M.	Hamilton, ON	1987
KRENTZ, Hugh A.	Willowdale, ON	1984
KRIVIAK, Gary	Edmonton, AB	2011
KROMAN, Jadwiga	Calgary, AB	2004

**CSCE FELLOWS / FELLOWS SCGC
ELECTED/ÉLUS 1982-2014**

KULLMAN, Rick	Saskatoon, SK	2004
KWAN, Helen Po Jen	Hong Kong	2012
LACHEMI, Mohamed	Toronto, ON	2010
LAMARRE, Bernard	Montréal, QC	1983
LANGAN, Peter	Toronto, ON	2007
LANGLEY, Wilbert	Lower Sackville, NS	1990
LANYI, Richard	Edmonton, AB	2004
LAU, David T.	Ottawa, ON	2003
LAUGHTON, Peter J.	Willowdale, ON	1997
LAVIGUEUR, Gilles	Verdun, QC	1984
LEBLANC, Sylvain	Dieppe, NB	2011
LEFLER, James C.	Woodstock, ON	1996
LÉGER, Pierre	Montréal, QC	2008
LEXIER, Easton I.	Winnipeg, MB	1990
LIU, Guo Xin (Andrew)	Regina, SK	2013
LOOV, Robert	Calgary, AB	1988
LOWE, Paul	White Rock, BC	2009
LYE, Leonard	St. John's, NF	2002
MACGREGOR, James G.	Halfmoon Bay, BC	1983
MACKENZIE, Alistair	Burlington, ON	1998
MACKENZIE, Kenneth	St. Catharines, ON	1992
MACLAREN, James W.	Sarnia, ON	1984
MADSEN, Borg	North Vancouver, BC	1989
MAINALI, Arbind	Edmonton, AB	2014
MAK, Garry	Saskatoon, SK	2000
MAMET, Jean-Claude	St. Lambert, QC	1996
MARSHALL, Donald G.	Oakville, ON	1999
MARTINI, Orlando V.	Etobicoke, ON	1994
MASSIERA, Michel	Moncton, NB	1990
MAURENBRECHER, A.H. Paul	Ottawa, ON	2000
MAVINIC, Donald S.	Vancouver BC	1994
MCBEAN, Edward	Guelph, ON	2010
MCCABE, Brenda	Toronto, ON	2007
MCCALLA, John H.	Nepean, ON	1994
MCCAVOUR, Thomas C.	Etobicoke, ON	1990
MCCORQUODALE, J. Alexander	Windsor, ON	1989
MCDONALD, Rodger	Regina, SK	2004
MCDONNELL, Robert	Antigonish, NS	1988
MCFARLANE, Howard W.	Fredericton, NB	1982
MCGRATH, Richard	Ottawa, ON	2009
MCMANUS, R.N.	Edmonton, AB	1983
MCNALLY, Patrick J.	Burlington, ON	1983
METTEN, Andrew	Vancouver, BC	2002
MILBURN, Robert C.	Yellowknife, NWT	1998
MIRZA, Bashir	Karachi, PAKISTAN	1989
MIRZA, Cameran	Willowdale, ON	1985
MIRZA, M. Saeed	Montréal, QC	1982
MIRZA, Sher Ali	Thunder Bay, ON	1992
MISENER, Donald K.	St. Catharines, ON	1993
MITCHELL, Denis	Pointe-Claire, QC	1992

CSCE FELLOWS / FELLOWS SCGC ELECTED/ÉLUS 1982-2014

MOIR, Frank C.	Toronto, ON	1993
MONTGOMERY, James	Edmonton, AB	2005
MONTY, Guy	Outremont, QC	1983
MORANTZ, Norman	Montréal, QC	2001
MORGENSTERN, Brian Douglas	Vancouver, BC	2003
MORRALL, John F.	Calgary, AB	1998
MORRIS, Glenn A.	Winnipeg, MB	1982
MORRISON, Kenneth A.	Willowdale, ON	1996
MOSELHI, Osama E.	Montréal, QC	1994
MOULDING, Herbert C.	Kelowna, BC	1983
MUDRY, Nestor	Winnipeg, MB	1983
MUFTI, Aftab A.	Halifax, NS	1984
MUNRO, Bert	Saskatoon, SK	2008
MURRAY, H. Ramsay M.	Victoria, BC	1991
MUZYCZKA, Walter	Winnipeg, MB	2004
NASSER, Karim W.	Saskatoon, SK	1995
NAVIN, Francis P.D.	Vancouver, BC	1988
NEALE, Kenneth	Sherbrooke, QC	1993
NEILL, Charles R.	Edmonton, AB	1983
NEIS, Vernon V.	Kelowna, BC	1986
NELL, Peter	St. John's, NF	2004
NEWTON, Linda	Ottawa, ON	2014
NG, Bosco Chiu Yin	Hong Kong	2014
NICOLET, Roger R.	Montréal, QC	1988
NICOLL, Murray	Dartmouth, NS	1998
NOËL, Bernard	St. Lambert, QC	2002
OJALA, Peter	Markham, ON	2004
OLESZKIEWICZ, Jan A.	Winnipeg, MB	1995
PALL, Avtar	Montreal, QC	2003
PARCHEWSKY, Nicholas	Hinton, AB	1984
PARDOE, Maurice F.	Saskatoon, SK	1992
PAULTRE, Patrick	Sherbrooke, QC	1997
PEKAU, Oscar A.	Montreal, QC	2011
PENTLAND, Edward R.	Langley, BC	2010
PENTLAND, Ray S.	Regina, SK	1997
PERKS, Alan R.	Ottawa, ON	1996
PERRY, Victor H.	Calgary, AB	1999
PETERSON, Arthur E.	Edmonton, AB	1996
PICKLE, Randy	Oshawa, ON	2004
PLOURDE, François	Laval, QC	2005
POITRAS, Gerard	Moncton, NB	2014
POSCHMANN, Anne	Mississauga, ON	2006
POULIN, Rock	Ville Mont-Royal, QC	2002
PRATLEY, Hugh H.L.	Westmount, QC	2002*
PUTZ, Gordon	Saskatoon, SK	2005
QUICK, Michael C.	Vancouver, BC	1997
RAINER, J. Hans	South Surrey, BC	1995
RAJAPAKSE, Nimal	Vancouver, BC	2000
RAJARATNAM, Nallamuthu	Edmonton, AB	1993
RAMAMURTHY, Amruthur S.	Montréal, QC	1998

**CSCE FELLOWS / FELLOWS SCGC
ELECTED/ÉLUS 1982-2014**

RAMSAY, James A.	Toronto, ON	1983
RASMUSSEN, Peter	Winnipeg, MB	2011
RAZAQPUR, Abdul Ghani	Hamilton, ON	1998
REICHERT, Karl A.	Milton, ON	2002
REMISZ, Wojciech	Nepean, ON	2005
RENNEBERG, Russel James	Edmonton, AB	2000
RETZLAFF, Howard	Regina, SK	2010
RITCHIE, J. Keith	North York, ON	1990
RIZKALLA, Sami	Winnipeg, MB	1992
ROBINSON, Ronald	Bowmanville, ON	2005
ROHACEK, Edward J.	Don Mills, ON	2000
ROUSSELLE, Jean	Montréal, QC	1990
ROWE, R. Kerry	London, ON	1998
RUSHFORTH, Andrew J.	Victoria, BC	2001
RUWANPURA, Janaka	Calgary, AB	2014
SAATCIOGLU, Murat	Ottawa, ON	2007
SAYED, Tarek	Vancouver, BC	2013
SCHECKENBERGER, Ron	Millgrove, ON	2012
SCHUSTER, Reinhold	Waterloo, ON	2001
SELBY, David A.	Montréal, QC	1986
SELVADURAI, Patrick A.	Montréal, QC	1989
SENNAH, Khaled	Toronto, ON	2011
SEXSMITH, Calvin	Saskatoon, SK	2007
SEXSMITH, Robert G.	West Vancouver, BC	1988
SHARP, James J.	St. John's, NF	1984
SHEFFIELD, Peter	Toronto, ON	1999
SHEIKH, Shamim	Toronto, ON	2010
SHIRLAW, Michael R.	Toronto, ON	1986
SHRIVE, Nigel	Calgary, AB	2006
SIGVALDASON, Oskar T.	Oakville, ON	2000
SIMMONDS, Sidney	Edmonton, AB	1993
SIMONOVIC, Slobodan	London, ON	2008
SIU, Konrad	Edmonton, AB	2004
SKELTON, Roy	Mississauga, ON	2001
SMITH, Alan A.	Dundas, ON	1996
SMITH, Clifford D.	Saskatoon, SK	1982
SMITH, H. Leslie	Vancouver, BC	1986
SNYDER, Harold L.	Stanstead, QC	1982
SOUTHWARD, Ralph	Burlington, ON	2001
SPARLING, Bruce	Saskatoon, SK	2006
SPRIET, Andrew M.	London, ON	2000
SPRINGFIELD, John	Toronto, ON	1984
SRIVASTAVA, N.K.	Moncton, NB	1987
STAPLES, Larry	Edmonton, AB	2001
STEGGLES, William A.	Toronto, ON	2002
STERPARN, Graham	Edmonton, AB	2007
STOLLE, Dieter	Hamilton, ON	2013
STRAKA, Vera	Don Mills, ON	2002
SUTHERLAND, Jack	Regina, SK	2011
SWEENEY, Robert A.P.	Montréal, QC	1996

CSCE FELLOWS / FELLOWS SCGC ELECTED/ÉLUS 1982-2014

SWEETNAM, Albert	Toronto, ON	2005
TAY, David C.K.	Agincourt, ON	2001
TAYLOR, David E.	Calgary, AB	2002
TAYLOR, Donald A.	Ottawa, ON	1993
TAYLOR, Peter R.	North Vancouver, BC	1996
TEMPLE, Murray C.	St. Clair Beach, ON	1983
TEMPLETON, David S.	St. John's, NF	1989
THOMPSON, Chris D.	Brampton, ON	1983
THOMPSON, Kirk	Ottawa, ON	2011
TILLER, Rick	St. John's, NL	2011
TINAWI, René	Montréal, QC	1990
TOUCHIE, Boyd	Moncton, NB	1986
TOUTANT, Daniel	Laval, QC	1998
TOWNSEND, Ronald	Gloucester, ON	1990
TREMBLAY, Jacques	Shawinigan, QC	1986
TROTTIER, Guy	Ste-Foy, QC	1989
TUREK, Michael E.	London, ON	2001
TURKSTRA, Carl J.	Hamilton, ON	1982
TURNBULL, Andrew	London, ON	2014
VALSANGKAR, Arun	Fredericton, NB	2005
VAUGHAN, J. Philip	Halifax, NS	1982
VENTURA, Carlos	Vancouver, BC	2001
VICKERS, T. Victor E.	Qualicum Beach, BC	1991
VIERHUIS, Hans	Markham, ON	2005
VINCENT, Richard B.	Pointe-Claire, QC	1996
VIRARAGHAVAN, T.	Regina, SK	1991
VIZER, Andrew	Vancouver, BC	1999
WALLACE, John A.	Burnaby, BC	2006
WALLACE, Reginald	Toronto, ON	2001
WALLER, Donald H.	Halifax, NS	1983
WATT, W. Edgar	Kingston, ON	1991
WAUGH, Lloyd	Fredericton, NB	2002
WEBER, Orlan John	Edmonton, AB	1994
WEISMAN, Simon	North York, ON	2000
WHETEN, Waldo A.	Hamilton, ON	1995
WHITMORE, David	Winnipeg, MB	2010
WIDEMAN, R. Max	Vancouver, BC	1994
WIGHAM, John A.	Saskatoon, SK	1988
WIJEWICKREME, Dharma	Burnaby, BC	2013
WILKINS, Ernest B.	Victoria, BC	1996
WILSON, Kenneth	Victoria, BC	2001
WIRASINGHE, Chan	Calgary, AB	2001
WREFORD, Geoffrey	Calgary AB	1999
WRIGHT, Douglas T.	Waterloo, ON	1984
WRIGHT, Peter M.	Toronto, ON	1983
WU, Peter L.	Mississauga, ON	2013
YANFUL, Ernest	London, ON	2011
YAREMKO, Eugene K.	Edmonton, AB	1997
ZBEETNOFF, Joseph G.	Prince Albert, SK	1991

* Deceased during the past year. Décédé l'année dernière.

PAST RECIPIENTS (since 1992)
ANCIENS LAURÉATS (depuis 1992)

PRIX WALTER SHANLY AWARD

2001	Simaan AbouRizk
2002	Alan D. Russell
2003	Osama Moselhi
2004	Peter Dozzi
2005	John Christian
2006	Lloyd Waugh
2007	Sabah Alkass
2009	Siri Fernando
2011	Aminah Robinson Fayek
2013	Janaka Ruwanpura
2014	Carl Hass

PRIX SANDFORD FLEMING AWARD

1999	Ralph Haas
2000	Bruce Hutchinson
2001	Francis Navin
2002	John Morrall
2003	Said Easa
2004	Frank Wilson
2005	A.O. Abd El Halim
2006	Alan Clayton
2007	Lynne Cowe Falls
2008	Anne-Marie Leclerc
2010	Tarek Sayed
2011	Andrew Horosko
2012	Neil Irwin
2013	Cathy Lynn Borbely

PRIX W. GORDON PLEWES AWARD

1992	Robert F. Leggett
1993	Gilles Desaulniers
1994	Phyllis Rose
1995	Roy Minter
1996	Robert W. Passfield
1997	Georges-Hébert Germain
1998	Ken Coates
1999	Mark Andrews
2000	Norman R. Ball
2001	Robert G. Harvey
2002	Michel L'Hébreux
2003	Andrew H. Wilson
2004	Jerry Disher
2005	Ralph Cryslar
2006	Richard Wallace White
2007	Roberta M. Styran
2010	Theresa Charland
2013	Eric Jamieson

MÉDAILLE HORST LEIPHOLZ MEDAL

1992	N.R. Thompson & J.F. Sykes
1993	M. Isaacson, E. O'Sullivan, & J. Baldwin
1995	Branko Ladanyi
1996	Ricardo O. Foschi
1998	Archibald N. Sherbournne
1999	Ian Jacques Jordaán
2000	Nimal Rajapakse
2002	Kenneth Neale
2007	Leslie Jaeger
2008	Baidar Bakht
2012	Nemy Banthia
2013	Dharma Wijewickreme
2014	Frank Vecchio

MÉDAILLE ALBERT E. BERRY MEDAL

1992	Donald S. Mavinic
1993	Gerhard William Heinke
1994	Norbert W. Schmidtke
1995	William K. Oldham
1996	J. Glynn F. Henry
1997	Donald R. Stanley
1998	Jan Oleszkiewicz
2000	Peter Huck
2001	Peter J. Laughton
2002	George Powell
2003	Orlando Martini
2005	Ronald L. Droste
2006	T. Viraraghavan
2007	Boyd Touchie
2008	Rodger McDonald
2011	Nihar Biswas
2013	Patrick Hettiarachi
2014	Maria Electorowicz

PAST RECIPIENTS (since 1992) ANCIENS LAURÉATS (depuis 1992)

PRIX E. WHITMAN WRIGHT AWARD

1992	Siegfried F. Stiemer
1993	Mehmet N. Baltacioglu
1994	Alan A. Smith
1995	Donald Grierson
1996	Mo-Shing Cheung
1998	George Casoli
2001	Jag Mohan Humar and Kohn Krahn
2002	Simaan AbouRizk
2003	Patrick Paultre
2004	Douglas Stewart
2005	Alan Russell
2006	Gamil Tadros
2007	David Lau
2008	Pierre Léger
2009	René Tinawi
2010	Jean Proulx
2011	Frank Vecchio
2013	George Akhras
2014	Murat Saatcioglu

PRIX CAMILLE A. DAGENAIS AWARD

1992	B.G. Krishnappan
1993	Michael Isaacson
1994	Nallamuthu Rajaratnam
1995	J. Alexander McCorquodale
1996	Michael C. Quick
1997	M. Selim Yalin
1998	Dale I. Bray
1999	Spyros Beltaos
2003	Ronald Townsend
2004	Peter Steffler
2005	Slobodan Simonovic
2006	William James
2007	Chris Katopodis
2008	Faye Hicks
2009	Edward McBean
2010	A.S. Ramamurthy
2011	Barry Adams
2012	Greg Lawrence
2013	Ana de Silva
2014	Brian Morse

PRIX A.B. SANDERSON AWARD

1992	John Springfield
1993	Amin Ghali
1994	James G. MacGregor
1995	Krishnan G. Bassi
1996	Peter G. Buckland
1997	Michael P. Collins
1998	Noel D. Nathan
1999	Gamil Tadros
2000	Sami Rizkalla
2001	Peter Taylor
2002	Walter Dilger
2003	Jag Mohan Humar
2004	Baidar Bakht
2005	Denis Mitchell
2006	Aftab Mufti
2007	Robert Sexsmith
2008	Amin Khouday
2009	Ron DeVall
2010	Robert Loov
2011	Sher Ali Mirza
2012	Ghani Razaqpur
2013	Khaled Sennah
2014	Tom Brown

PRIX JAMES A. VANCE AWARD

1992	Anthony Krussey
1993	Barry DeV. Batchelor
1994	Bruce Hutchinson
1995	Glenn Morris
1996	Sami H. Rizkalla
1997	Baidar Bahkt
1998	James J. Sharp
1999	William Hibbard & Kenneth A. Morrison
2000	James Kells
2001	David Innes
2002	Guy Gosselin
2003	Richard Denham
2004	Gordon Jin
2005	Todd H.T. Chan
2006	Pierre Asselin
2007	Randy Pickle
2008	Moe Cheung
2009	James Garland
2010	Said M. Easa
2011	Reg Andres
2012	Sherry Sparks
2013	Tony Bégin
2014	Brian Burrell

PAST RECIPIENTS (since 1992)

ANCIENS LAURÉATS (depuis 1992)

GOVERNMENTAL LEADERSHIP IN SUSTAINABLE INFRASTRUCTURE / LEADERSHIP GOUVERNEMENTAL EN INFRASTRUCTURE DURABLE

2012	City of Edmonton
2013	Ville de Québec
2014	Waterfront Toronto

EXCELLENCE IN INNOVATION IN CIVIL ENGINEERING AWARD / PRIX D'EXCELLENCE EN INNOVATION DANS LE DOMAINE DU GÉNIE CIVIL

2008	Jeffrey Alan Packer, Constantin Christopoulos, Carlos de Oliveira & Michael G. Gray
2009	Association of Professional Engineers & Geoscientists of BC; BC Ministry of Education; Seismic Peer Review Committee; and the University of British Columbia - Department of Civil Engineering, Earthquake Engineering Research Facility
2010	DIALOG, Lafarge Canada and the University of Calgary
2013	Ministry of Transportation, Ontario
2014	Halifax Regional Water Commission

LA BOURSE DONALD JAMIESON FELLOWSHIP

1992 & 1993	Diana Inculet
1994 & 1995	Robert Driver
1996 & 1997	Claire Girard
1998 & 1999	Scott Benson
2000	Dan Palermo
2002 & 2003	Adam Lubell
2004 & 2005	Lisa R. Feldman
2006	Ved Prakash Sharma
2009	Michael G. Gray
2010 & 2011	Sébastien Langlois
2012 & 2013	Fei Tong
2013 & 2014	Yamen Elbahy

PRIX DONALD R. STANLEY AWARD

2006	Jeffrey W.A. Charrois, Jessica M. Boyd, Kenneth L. Froese & Steve E. Hrudely
2007	Stéphanie Bougie & Jean-Sébastien Dubé
2008	K.P. Fattah, Y. Zhang, D.S. Mavinic & F.A. Koch
2009	Chen He & Jiri Marsalek
2012	Beatrice B. Yung, Bryan A. Tolson & Donald H. Burn
2013	Ryan I. Thoren, Jim Atwater & Pierre Berube
2014	Kerry Rowe and Yan Yu

PRIX STEPHEN G. REVAY AWARD

2005	Aminah Robinson Fayek, Manjula Dissanayake & Oswaldo Campero
2007	A.D. Russell, P. Tawiah & S. De Zoysa
2009	Brenda McCabe, Catherine Loughlin, Ramona Munteanu, Sean Tucker & Andrew Lam
2012	Mahdi Salehi Sichani, Sanghyun Lee & Aminah Robinson Fayek
2013	Ahmed Atef, Hesham Osman, & Osama Moselhi
2014	Aminah Robinson Fayek and Adel Awad

PAST RECIPIENTS (since 1992) **ANCIENS LAURÉATS (depuis 1992)**

PRIX P.L. PRATLEY AWARD

1992	F.M. Bartlett, P.G. Buckland & D.J. Laurie Kennedy
1993	A. Mufti, L. Jaeger, B. Bakht & L.D. Wegner
1994	D. Beaulieu & André Picard
1995	Tarek Ebeido & John B. Kennedy
1996	M. Bruneau, J.C. Wilson & R. Tremblay
1997	K.M. Sennah & John B. Kennedy
1998	S.D. Leitch & F.M. Bartlett
1999	Sylvanus Marshe & Mark F. Green
2000	Amin Ghali, Mamdouh El Badry & Sami Megally
2001	T.G. Brown, I.J. Jordaan & K.R. Croasdale
2002	F. Michael Bartlett & J. Peter C. King
2004	Dongning Li, Marc A. Maes & Walter H. Dilger
2006	Daman K. Panesar & F. Michael Bartlett
2007	Emile Shehata & Aftab Mufti
2008	Ahmed K. El-Sayed & Brahim Benmokrane
2010	Guy Mailhot
2012	Reid Coughlin & Scott Walbridge

MÉDAILLE THOMAS C. KEEFER MEDAL

1992	S.J. Stanley & R. Gerard
1993	K.W. Biggar, D.C. Sego & M.M. Noël
1994	K.Y. Lo, J. Q. Shang & I.I. Inculer
1995	M. Isaacson, N. Whiteside, R. Gardiner & D. Hay
1996	S. Easa, A.O. Abd El Halim & Y. Hassan
1997	Hua Zhong Mao & Daniel W. Smith
1998	François Anctil, Nicolas Martel & Van Diem Hong
1999	Robert Chapuis
2000	R. Kerry Rowe, Chris J. Caers, Glenn Reynolds & Cliff Chan
2001	Laurie Neilson-Welch & Leslie Smith
2002	D. Dixon, N. Chandler, J. Graham & M.N. Gray
2003	Brian Morse, Masoud Hessami & Céline Bourel
2004	R. Martel, L. Trépanier, B. Lévesque, G. Sanfançon, P. Brousseau, M-A. Lavigne, L-C. Boutin, P. Auger, D. Gauvin & L. Galarneau
2005	Mustafa A. Samad & Ernest K. Yanful
2006	Reagan McIsaac & R. Kerry Rowe
2007	H.K. Zare & R.E. Baddour
2008	Jennifer L. Kerr, Zhenyu Guo, Daniel W. Smith, Greg G. Goss & Miodrag Belosevic
2009	G. Adriana Camino, David Z. Zhu, Nallamuthu Rajaratnam & Manas Shome
2010	Michael Isaacson
2012	W.T. Menzies, G.A. Fenton, C.B. Lake & D.V. Griffiths
2013	Farshid Nazari, Yee-chung Jin, & Ahmad Shakibaenia
2014	Bonnie Dobchuk, Craig Nichol, G. Ward Wilson and Michel Aubertin

PAST RECIPIENTS (since 1992)

ANCIENS LAURÉATS (depuis 1992)

MÉDAILLE CASIMIR GZOWSKI MEDAL

- 1992 A. Brattland & D.J.L. Kennedy
1993 F.Z. Yao, B. Folz & R.O. Foschi
1994 Michel Bruneau
1995 P.A. Irwin, S. Gamble &
Donald A. Taylor
1996 G.C. McRostie, I. Morissette &
M.W. St-Louis
1997 Gamil Tadros
1998 A.G. Sherif & W.H. Dilger
1999 Michael P. Collins &
Khalidoun N. Rahal
2000 P. Labossière, K.W. Neale, P. Rochette,
M. Demers, P. Lamothe, P. Lapierre &
R. Desgagné
2001 M. Saatcioglu, D. Mitchell, R. Tinawi,
N.J. Gardner, A.G. Gillies,
A. Ghobarah, D. L. Anderson & D. Lau
2002 B.J. Schmidt & F. Michael Bartlett
2003 D. Mitchell, P. Tremblay, E. Karacabeyli,
P. Paultre, M. Saatcioglu &
D.L. Anderson
2004 Dan Yang, Ernest Naesgaard,
Peter M. Byrne, Korhan Adalier, and
Tarek Abdoun
2005 Kianoosh Hatami & Richard J. Bathurst
2006 Martin Lacerte & Robert Tremblay
2007 Peter H. Bischoff
2008 Richard J. Bathurst, Tony M. Allen, and
Andrzej S. Nowak
2009 Hamid Toopchi-Nezhad,
Michael J. Tait, & Robert G. Drysdale
2010 J. Paul Dittrich, R. Kerry Rowe,
Dennis E. Becker & K.Y. Lo
2012 Elena Nuta, Constantin Christopoulos
& Jeffrey A. Packer
2013 E.T. Bowman, W.A. Take, K.L. Rait, &
C. Hann
2014 Raafat El-Hacha and Khaled Soudki

CAN-AM AMITY AWARD

- 1992 Robert (Larry) Gerard
1993 M. Saeed Mirza
1995 Branko Ladanyi
1996 Nicolas Isyumov
2001 Hugh Krentz
2011 Don Hayley

**MEMBERS OF HONOURS AND FELLOWSHIPS COMMITTEE
/ MEMBRES DU COMITÉ DES DISTINCTIONS
HONORIFIQUES ET DES FELLOWS 2014-2015**

- Michael Bartlett, London
- Cathy Lynn Borbely, Regina
- Tom Brown, Calgary
- Dan Burns, Calgary (CSCE Foundation)
- James Garland, Whitby
- Andy Horosko, Winnipeg
- Michael Ircha, Ottawa (CSCE Foundation)
- Gordon Jin, St. John
- Arbind Mainali, Edmonton (Ex-officio)
- Randy Pickle (Chair/Président)
- Jean-Pierre Pilon, Montreal
- Lloyd Waugh, Fredericton
(Past-Chair/Président sortant)
- Peter Wright, Toronto (CSCE Foundation)

COMITÉS DE SÉLECTION

SELECTION COMMITTEES 2014 - 2015

BOURSE DONALD JAMIESON FELLOWSHIP

Vic Anderson, Toronto (Chair/Président)
Denis Beaulieu, Québec
David MacKinnon, Thunder Bay
Khaled Sennah, Toronto

MÉDAILLE ALBERT E. BERRY MEDAL

Ron Droste, Ottawa
Don Mavinec, Vancouver (Chair/Président)
Jan Oleszkiewicz, Winnipeg

PRIX CAMILLE DAGENAIS AWARD

Mike Bender, Calgary (Chair/Président)
Faye Hicks, Edmonton
Bill James, Guelph
Slobodan Simonovic, London

MÉDAILLE HORST LEIPHOLZ MEDAL

Shahria Alam, Kelowna
Khaled Sennah, Toronto (Chair/President)
Burkan isgor, Oregon
Beatriz Martin Perez, Ottawa

PRIX A.B. SANDERSON AWARD

Ashraf El Damatty, London (Chair/Président)
Ehab El-Salakawy, Winnipeg
Mark Scanlon, Edmonton
Adel Zaki, Montreal

PRIX WALTER SHANLY AWARD

Carl Haas, Waterloo
Siri Fernando, Edmonton
Janaka Ruwanpura, Calgary (Chair)

PRIX WHITMAN WRIGHT AWARD

George Akhras, Kingston
Samir Chidiac, Hamilton
Simon Foo, (Chair/Président)
David Lau, Ottawa
Jeff Rankin, Fredericton

PRIX JAMES A. VANCE AWARD

Reg Andres, Toronto (Chair/Président)
Jim Kells, Saskatoon
Randy Pickle, Oshawa

PRIX STEPHEN G. REVAY AWARD

Ahmed Abdel Aziz, Washington, USA
Tarek Hegazy, Waterloo (Chair/President)
Jeff Rankin, Fredericton,
Farnaz Sadeghpour, Calgary
Tarek Zayed, Montreal

PRIX DONALD R. STANLEY AWARD

Bob Simm, Phoenix (Chair/President)
Selma Guigard, Edmonton
Sadiq Rehan, Vancouver
Kripa Singh, Fredericton

MÉDAILLE THOMAS C. KEEFER MEDAL

Said Easa, Toronto
Arbind Mainali, Edmonton
Ana Maria da Silva, Kingston

MÉDAILLE CASIMIR GZOWSKI MEDAL

Shahria Alam, Kelowna
Peter H. Bischoff, Fredericton (Chair/President)
Jeffrey Erochko, Ottawa
Murray Grabinsky, Toronto

COMITÉS DE SÉLECTION SELECTION COMMITTEES 2014 - 2015

CSCE-CANAM EXCELLENCE IN INNOVATION IN CIVIL ENGINEERING AWARD / LE PRIX SCGC-CANAM POUR L'EXCELLENCE EN INNOVATION DANS LE DOMAINE DU GÉNIE CIVIL

George Akhras, Kingston (Chair/Président)

Tony Bégin, St-George de Beauce

Dan Burns, Calgary

Bob Milburn, Yellowknife

AWARD FOR GOVERNMENTAL LEADERSHIP IN SUSTAINABLE INFRASTRUCTURE / PRIX POUR LE LEADERSHIP GOUVERNEMENTAL EN INFRASTRUCTURE DURABLE

Katelyn Fréçon, Saskatoon

Nick Larson, Toronto (Co-Chair/Co-President)

Edwin Tam, Windsor (Co-Chair/Co- President)

CSCE ANNUAL CONFERENCES

1972	Saskatoon, SK (with EIC)
1973	Montréal, QC (with EIC)
1974	Toronto, ON (with EIC and Union Pan-American D'Ingenieurs (UPADI))
1975	Winnipeg, MB (with EIC)
1976	Halifax, NS (with EIC)
1977	Victoria, BC (with APEBC – now APEGBC)
1978	Toronto, ON (with CSME – no General Meeting)
1979	Montréal, QC
1980	Winnipeg, MB
1981	Fredericton, NB
1982	Edmonton, AB
1983	Ottawa, ON
1984	Halifax, NS (with EIC)
1985	Saskatoon, SK
1986	Toronto, ON
1987	Montréal, QC (with EIC)
1988	Calgary, AB
1989	St. John's, NL
1990	Hamilton, ON
1991	Vancouver, BC
1992	Québec, QC
1993	Fredericton, NB
1994	Winnipeg, MB
1995	Ottawa, ON
1996	Edmonton, AB
1997	Sherbrooke, QC
1998	Halifax, NS
1999	Regina, SK
2000	London, ON
2001	Victoria, BC
2002	Montréal, QC
2003	Moncton, NB
2004	Saskatoon, SK
2005	Toronto, ON
2006	Calgary, AB
2007	Yellowknife, NT
2008	Québec, QC
2009	St. John's, NL
2010	Winnipeg, MB
2011	Ottawa, ON
2012	Edmonton, AB
2013	Montréal, QC
2014	Halifax, NS

PAST-PRESIDENTS OF THE CSCE / ANCIENS PRÉSIDENTS DE LA SCGC

1971-72	John Bell*, West Vancouver BC** (Founding President)
1972-73	Camille A. Dagenais, Montréal QC
1973-74	Harold L. Macklin*, Toronto ON
1974-75	Eric C. Garland*, Fredericton NB
1975-76	D.J. Laurie Kennedy*, Windsor ON
1976-77	John (Jack) Priestman*, Victoria BC
1977-79 ¹	Peter R. Hart, Toronto ON
1979-80	Jerry W. Disher, Hamilton ON
1982-83	Marcel Frenette, Québec QC
1982-84	Peter M. Wright, Toronto ON
1982-85	W.A. Filer, Ancaster ON
1983-84	Ira M. Beattie*, Fredericton NB
1984-85	Clifford D. Smith, Saskatoon SK
1985-86	M. Saeed Mirza, Montréal QC
1986-87	Chris D. Thompson, Brampton ON
1987-88	Daniel W. Smith, Edmonton AB
1988-89	Peter Smith*, Mississauga ON
1989-90	Stephen G. Revay*, Montréal QC
1990-91	H. Keith Bowers*, Saskatoon SK
1991-92	Martin C. Jones*, Toronto ON
1992-93	Leslie G. Jaeger*, Halifax NS
1993-94	Claude Johnson, Thunder Bay ON
1994-95	P. Daniel Burns, Calgary AB
1994-96	Michael Ircha, Fredericton NB
1997-98	Mel Hosain, Saskatoon SK
1998-99	Alan Perks, Ottawa ON
1999-00	Georges Archer, Montréal QC
2000-01	Robert Loov, Calgary AB
2001-02	Ronald Townsend, Ottawa ON
2002-03	Denis Beaulieu, Québec QC
2003-04	David Innes, Fredericton NB
2004-05	Cathy Lynn Borbely, Regina SK
2005-06	Alistair MacKenzie, Burlington ON
2006-07	A. Ghani Razaqpur, Hamilton ON
2007-08	Lloyd M. Waugh, Fredericton NB
2008-09	Guy Gosselin, Ottawa ON
2009-10	Gordon Jin, St. John's NL
2010-11	Vic Perry, Calgary AB
2011-12	Randy Pickle, Oshawa ON
2012-13	Jim Kells, Saskatoon SK
2013-15	Reg Andres, Toronto. ON

* Deceased **Residence during presidency

¹ A change in the fiscal year resulted in
Peter Hart serving a nineteen-month term as President.

