



ASSOCIATION OF CONSULTING
ENGINEERING COMPANIES | SK



Register Now

Full-Day Conference

- **Three Keynote Speakers, including:**
 - **Gabrielle Gascon** - Manager at Environment and Climate Change Canada (ECCC)
 - **Laurie Rousseau-Nepton** - Resident astronomer at the Canada-France-Hawaii Observatory and a postdoctoral researcher at the University of Hawaii. First indigenous woman in Quebec to obtain a PhD in astrophysics.
 - **Jocelyn Peltier-Huntley** BSc, MSc, - Lecturer in the College of Engineering at the University of Saskatchewan

Individuals working in STEM fields can often face gender, race, or sexual orientation barriers, yet successful organizations are more competitive and innovative when they focus on workplace diversity. During this full day conference keynote speakers and panelists will address how to identify and breakdown these barriers to attract and retain more diverse talent in STEM positions.

January 22, 2020

ALT Hotel

Saskatoon, SK

Inclusivity in STEM Agenda

Tuesday, January 21, 2020

6:30 - 9:00pm

Networking Event (ALT Hotel, Saskatoon)

Wednesday, January 22, 2020

7:45 - 8:30am

Breakfast / Registration

8:30 - 9:00am

Opening Keynote

Nancy Inglis, P.Eng., PMP, Chair of ACEC-SK Board of Directors

9:00 - 10:00am

Keynote Speaker

Gabrielle Gascon, Manager at Environment and Climate Change Canada (ECCC)

10:00 - 10:15am

Break

10:15 - 11:30am

Panel Discussion (Sharing Experiences)

Panelists will share their experiences and insights into STEM Inclusivity

- Joanna Ussleman**, Structural Manager, Engcomp
- Krystyna Kotowski**, M.Sc., P.Eng. CCCA, EUR. ING, Sr. Project Management Engineer Saskatoon Water, City of Saskatoon
- Dr. Gale Russell**, Associate Professor of Secondary Mathematics Education in the Faculty of Education at the University of Regina

11:30 - 12:00pm

Lunch

12:00 - 1:00pm

Keynote Speaker

Jocelyn Peltier-Huntley BSc, MSc, Lecturer for College of Engineering at the University of Saskatchewan

1:00 - 2:15pm

Panel Discussion (Sharing Solutions)

- Gary Bosgoed** - President of Bosgoed Project Consultants Ltd. He helped to establish the Canadian Aboriginal Science and Engineering Association (CASEA). CASEA is a non-profit organization that seeks to increase the number of Indigenous scientists and engineers in Canada.
- Carole Tink** - Director of Technology & Digital Innovation at the City of Regina. Carole is a committed member of the City's Diversity and Inclusion Advisory Committee, a group that works together to promote, educate and implement diversity and inclusion in the City's corporate culture.
- Sarah Cameron** - Chief Human Resources Officer for the City of Saskatoon
- C. Beth Hardy B.A., LL.B., LL.M.** - Vice-President, Strategy & Stakeholder Relations at International CCS Knowledge Centre

2:15 - 2:45pm

Break

2:45 - 3:45pm

Keynote Speaker

Laurie Rousseau-Nepton - Resident astronomer at the Canada-France-Hawaii Observatory and a postdoctoral researcher at the University of Hawaii. First indigenous woman in Quebec to obtain a PhD in astrophysics.

3:45 - 4:00pm

Closing Remarks

Inclusivity in STEM

Keynote Speakers



Gabrielle Gascon

Manager at Environment and Climate Change Canada (ECCC)

Gabrielle joined ECCC in April 2014 as a Physical Sciences Specialist in Edmonton, where she contributed to improving ECCC's weather forecasting capabilities through new and innovative applied research and application development. Taking advantages of career development opportunities, she has moved on to hold various advisory and leadership roles within the Department.

Gabrielle received her BSc and MSc in Atmospheric Science from McGill University and then completed a PhD in atmospheric science and glaciology at the University of Alberta. Gabrielle has over 10 years of fieldwork and research experience across the Arctic, including Iqaluit, Pangnirtung, and the Devon Ice Cap in Nunavut, Canada, as well as on the Juneau Icefield in Alaska. More recently, Gabrielle has been developing Arctic weather and climate products. She is also a member of the World Meteorological Organization's Arctic Regional Climate Centre, a multi-national network of the Arctic countries that provide pan-Arctic seasonal temperature, precipitation, and sea ice information.

In her spare time, Gabrielle enjoys baking, swimming, backcountry skiing, and spending time outdoors. In fact, she bikes to work almost every day.



Jocelyn Peltier-Huntley

Lecturer for the College of Engineering at the University of Saskatchewan

Jocelyn Peltier-Huntley is a professional engineer with 15 year's engineering and mining experience. She has a B.Sc. with distinction in Mechanical Engineering (2005) and a M.Sc. (2019) from the University of Saskatchewan. Her career in mining started in British Columbia with managing projects at an open pit coal mine during her internship, and then she went on to work in heavy metal smelting before returning to Saskatchewan to work in the potash industry. In 2017, Jocelyn returned to the University of Saskatchewan to complete a Master's degree. While at back at the University she has taken on teaching to help prepare engineering students for their future careers. Jocelyn is also a volunteer and board member with Women in Mining and Women in Nuclear Saskatchewan.

Description of Research:

The mining industry is projecting a labour shortage and needs to address the persistently low levels of female representation by welcoming and supporting a diverse workforce. To examine and address this issue, Jocelyn Peltier-Huntley completed a multi-phase interdisciplinary study examining the gender gap in the Canadian mining industry. The study focused on workplace culture and drew on scholarship in the fields of sociology, rhetorical theory, human resources, and societal impacts of engineering. The research outcomes offer suggestions on how individuals and organizations can lead culture change in their workplaces to create inclusive environments that allow for diversity to thrive.



Laurie Rousseau-Nepton

***Resident Astronomer at the Canada-France-Hawaii Observatory
Postdoctoral Researcher at the University of Hawaii***

First indigenous woman in Quebec to obtain a PhD in astrophysics, she received her diploma from Université Laval by studying regions of stellar formation in spiral galaxies using an imaging spectrograph. She consequently demonstrated the efficiency of SpLOMM and SITELLE imaging spectrograph for the detailed study of star-forming galaxies and her expertise now allows her to train other researchers to use those instruments. Laurie Rousseau-Nepton was a FRQNT postdoctoral scholarship recipient, previously received the Hubert Reeves Fellowship and the Award for native women in sciences of the Association des femmes diplômées des universités du Québec. She is now leading an international project called SIGNALS, aiming at observing thousands of star formation site in galaxies close to the Milky Way in order to understand how their birthplace affect the rest of their life and the galaxies evolution. She is involved in Equity, Diversity and Inclusion committees for the Canadian Association of Physicist and for the Maunakea Observatories and is devoted in promoting a community driven way to do science.

Inclusivity in STEM Panelists



Krystyna Kotowski

Sr. Project Manager at City of Saskatoon

Krystyna was born and raised in Warsaw, Poland. Completed Master's in Sanitary and Environmental Engineering at Warsaw University of Technology in 1980. Worked as an engineer on the design of municipal water supply and sewer collection systems in Warsaw metropolitan area from graduation until 1988 when moved to Saskatoon. After period of adaptation to the new place Krystyna started work with City of Saskatoon Water Works Department in 1991 as engineer I. Krystyna got her Canadian P.Eng. designation in 1994. She completed executive education program at Harvard Business School in the area of managing the complex capital projects in 2013. For the last 25 years she was working as a project manager for the water and wastewater treatment plants capital development works. The most visible projects executed under Krystyna leadership are: City of Saskatoon new water intake South of CN Rail Bridge and the UV Disinfection/Reservoir Complex - addition to the Water Treatment Plant at 11th Street.



Gale Russell

Associate Professor of Secondary Mathematics Education in the Faculty of Education at the University of Regina

Gale has been actively involved in mathematics education in the province of Saskatchewan since 1990. She began as a grades 7 – 12 mathematics (and arts education) teacher in Raymore and after 6 years moved to Rosetown as one of two high school mathematics teachers. In October of 1998, Gale began as the first full-time K-12 Mathematics Consultant at the Saskatchewan Ministry of Education, responsible for supporting teachers (and students) in all matters related to curriculum and instruction. After almost 12 years in that position, Gale left the Ministry of Education to obtain her PhD in Education, focusing on mathematics and worldviews. Gale Russell is now Associate Professor of Secondary Mathematics Education in the Faculty of Education at the University of Regina, and her dissertation has been published as a book: *Transform Radical Humanism: A Mathematics Teaching Philosophy*.



Gary Bosgoed

President & CEO of Bosgoed Project Consultants Ltd

Gary's company, Bosgoed Project Consultants Ltd. (BPC), manages and designs all sorts of things including roads, bridges, offices, schools, hospitals, shopping malls, arenas, apartments and water systems. BPC has offices in British Columbia, Alberta, Saskatchewan, Manitoba and Ontario. The company specializes in the management of projects in and for First Nations communities. Gary helped to establish the Canadian Aboriginal Science and Engineering Association (CASEA). CASEA is a non-profit organization that seeks to increase the number of Indigenous scientists and engineers in Canada. Gary also works with local youth in Regina to encourage them to pursue careers in field of science and engineering. His message to students, "Science and engineering lead to very rewarding work which directly impact and contribute to our communities. What better way is there to put an education to good use?"



Carole Tink

Director of Technology & Digital Innovation at the City of Regina

Since 2013 she has actively supported the advancement and modernization of technology at the City of Regina. Carole is a committed member of the City's Diversity and Inclusion Advisory Committee, a group that works together to promote, educate and implement diversity and inclusion in the City's corporate culture. Carole has held various leadership roles during a two year tenure at Scotiabank in IT Supplier Relationship Management and prior to that, HP Enterprise Services (formerly EDS) for 15 years.



C. Beth Hardy

Vice-President, Strategy & Stakeholder Relations at International CCS Knowledge Centre

As Vice-President, Strategy & Stakeholder Relations at International CCS Knowledge Centre, Beth leads the Knowledge Centre's considerations of policies and regulations that foster CCS(Carbon Capture & Storage); and focuses on helping to link CCS knowledge with other countries to reduce locked-in investments and collaboratively support the goals of the Paris Agreement. Her understanding of complex climate change matters, capacity building requirements, and international financing concerns act as a solid basis for assisting both national and international implementation strategies for technologies that support environmental targets. Prior to joining the Knowledge Centre Beth worked briefly as legal counsel for the provincial Crown utility. She pairs this industrial perspective with regulatory knowledge as Acting Director of Climate Change with the Government of Saskatchewan. These positions are reflective of Beth's time with the National Round Table on the Environment and the Economy where she focused on analysing provincial/territorial climate action plans and making recommendations for low cost and sustainable pathways.



Sarah Cameron

Chief Human Resources Officer for the City of Saskatoon

As the Chief Human Resources Officer for the City of Saskatoon, Sarah joined the organisation in 2018 with a vision to modernise and re-image the HR function. With a career that has spanned the public, private and not for profit sectors on three continents Sarah brings a passion for people centred business transformation and a commitment to the value of diversity in the workplace grounded in her personal experience.



Joanna Usselman

Structural Department Manager , Engcomp

Joanna has over 15 years of experience working in the industrial, commercial & residential industries specializing in project management, layout, design & drafting. In addition, other duties include project technical support such as determining scope, checking drawings, reviewing constructability, monitoring quality of deliverables as well as supervising junior draftpersons. Joanna has spent the majority of her employed years as a structural designer in the industrial industry. She attended the Architectural and Building Technology course at SIAST and received a diploma in 2002.

Inclusivity in STEM Registration

Company Name: _____

Contact: _____

Address: _____

City: _____ Province: _____ Postal Code: _____

Phone: _____ Email: _____

I consent to receiving future electronic communications from ACEC-SK

Yes No You may opt out at anytime.

Please advise of special dietary requirements _____

Registration Deadline: January 10, 2020

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| Individual Full Day Regular - \$265 | |
| Corporate Table - 8 Attendees - Regular \$1999 | |
| Student Full Day - \$99 | |
| Add 5% GST #123170623 | |
| Total | |

Payment Options (Please check one)

Please invoice Cheque enclosed for \$_____ payable to ACEC-SK

Cancellations made after January 10, 2020 and/or no shows are not eligible for refunds. If a registrant cannot attend the event, a replacement will be accepted. Last minute registrants (after January 17, 2020) will be charged an additional \$10 administration fee. ACEC-SK reserves the right to cancel this event due to insufficient registration.

Complete form and return to events@acec-sk.ca

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