

FOR IMMEDIATE RELEASE

Alberta Consulting Engineers Honoured at National Awards Gala

(OTTAWA) October 29, 2019 – From improving wastewater and sanitation services abroad, to designing world class facilities and increasing community accessibility here at home consulting engineers from Calgary and Edmonton were celebrated for these outstanding achievements at the 2019 Canadian Consulting Engineering (CCE) Awards gala on Tuesday night in Ottawa.

Recognized as the industry's highest honours, the awards are presented to projects by Canadian firms that showcase the most remarkable engineering feats. “This is an opportunity to recognize the valuable contributions that Canadian consulting engineers make both here at home and around the world on a national stage,” said ACEC President and CEO John Gamble, “they highlight the role that consulting engineers play in our daily lives and the important impact that their work has on all Canadians.”

Cutting edge, innovative technology and training improves lives of millions



For best demonstrating outstanding environmental stewardship **Morrison Hershfield** was honoured with both the **Tree for Life Award** and an **Award of Excellence** for their *Kaliti Wastewater Treatment Plant and Sanitary Sewer Trunk Mains* in Ethiopia.

For years, Ethiopia's capital city of Addis Ababa had only a small percentage of its area and population served with a piped sanitary sewer system, now with rapid development and increased density the city was facing a serious health crisis and increased risk for a major disease outbreak.



The health of local waterways had been severely impacted by industries discharging untreated and partially untreated wastewater directly into nearby streams and rivers, placing public health at risk. Morrison Hershfield's Calgary office, in collaboration with its partner ARMA Engineering PLC and client Addis Ababa Water and Sewerage Authority, explored various treatment options during the preliminary design stage and created a decision matrix that established goals and evaluation criteria. A new wastewater treatment plant was designed and constructed to meet the demand, and 18 km of new pipe was added. Morrison Hershfield provided innovative, cutting edge treatment technology along with training that resulted in a new, client-managed and operated system that improves the treatment process and sewage collection system. Ultimately, it improved the health and the quality of life of over two million people. “Morrison Hershfield is committed to making a difference” said Anthony Karakatsanis, P.Eng., President & CEO, Morrison Hershfield. “This Award of Excellence really validates our effort to deliver complex projects with significant social, economic and environmental benefits.” Jury members applauded the project, which raised the bar by transferring knowledge to a client who lacked the expertise, and for developing skills that transformed the lives of millions of residents.

Showcasing technological advancement and excellence with a world-renowned research facility



Associated Engineering's head office in Edmonton was presented with an **Award of Excellence** for its *Livestock and Forage Centre of Excellence* project, the most advanced facility of its type in the world. Situated in the rural Municipality of Blucher, SK this innovative facility was first envisioned by the University of Saskatchewan as an amalgamation of three separate off-campus research facilities. Currently, it is

the largest and most comprehensive centre of its kind in Canada and a showcase of technological advancement, both in its design to accommodate large live animals throughout their lifecycle, and its ability to satisfy the requirements of a wide range of research interests.



Associated Engineering worked with the University and a diverse group of government and industry stakeholders to design the Livestock and Forage Centre of Excellence. The jury selected this project because of its technical complexity, the challenges of liaising with the many stakeholders, and the role the center plays in improving the environmental stewardship of the agriculture industry. "We are very honoured to receive this prestigious award recognizing our team for adeptly addressing the complex requirements of a diverse group of government, industry, and academic stakeholders to deliver this technically advanced facility that will further enhance Saskatchewan's and Canada's reputation as world leaders in agricultural research" said Martin Jobke, P.Eng., President & CEO, Associated Engineering.

Connecting urban and rural areas while reducing barriers and increasing public accessibility



For its *Mechanized River Valley Access* project **DIALOG** was recognized with an **Award of Excellence**. DIALOG was engaged by the City of Edmonton to make its downtown and the North Saskatchewan River Valley, the largest urban parkland in North America, more accessible to each other.

DIALOG explored dozens of orientations and strategies that would integrate with the surroundings while respecting the river valley setting and ultimately settled on a funicular, stairs, promenade, park, pedestrian bridge, cantilever lookout, and glass elevator. How the project successfully links the urban downtown core to the valley below while giving residents with all types of mobility levels the means to enjoy one of the most natural areas of the city made this a standout project for the jury. "Our whole team dreamed of welcoming people of all levels of mobility to connect with Edmonton's beautiful river valley. Mechanized River Valley Access is a great reminder that we, as engineers, can truly improve the wellbeing of our communities. It's an honour to be recognized by our peers for this meaningful project." said Jeff DiBattista, DIALOG Principal and Structural Engineer.



Telling a story with unique innovative design, engineering precision, and sustainability



DIALOG's Edmonton office was also the recipient of an **Award of Excellence** for its *Royal Alberta Museum* project, a project awarded to them along with Ledcor and Lundholm Associates as part of an international design competition. Built to tell the story of Alberta, inside and out, the building features a unique and innovative design, where engineering precision and sustainability were intrinsic to the architectural vision.

The ultimate goal was to keep the museum's diverse collection and conservation programs safe while creating a welcoming and engaging place for visitors and staff. The new museum is an impressive place to explore and connect—to Alberta, to ideas, and to people. In selecting this project, the jury noted its uniqueness, the combination of aesthetics and functionality, and how the design incorporates a number of social benefits. "It is a privilege and an honor to be recognized" said Jim Montgomery, DIALOG Principal and Structural Engineer, for "a building that will facilitate the conversation of people of all ages about the important role the province has played in Canada's history."



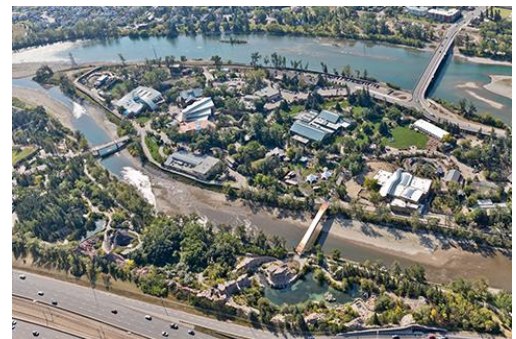
Ensuring the continued operation of a world class facility and leader in wildlife conservation



For its *Calgary Zoo Flood Mitigation* project, the joint consulting team of **ISL Engineering and Land Services Ltd. & Associated Engineering** earned an **Award of Excellence**. Retained by the City of Calgary following the worst flood in its history, which caused \$50 M in damages to the Calgary Zoo in 2013, the team led the design and implementation of a flood mitigation plan in order to protect the zoo's infrastructure and secure its future on St.

George's Island in the Bow River.

Preserving Calgary's first developed park space, sensitive riparian habitat, mature trees and native vegetation were key factors in selecting the least invasive and most effective solution. Combined with a once-in-a-lifetime renewal of its supporting servicing infrastructure, the flood mitigation system will allow the Calgary Zoo to confidently remain in its iconic Bow River home and continue to operate as a world class facility and leader in wildlife conservation, for the enjoyment of generations to come. For the jury, this project – focused on problem solving and redundant design – showcasing the true effectiveness of technical engineering. "Our team is honoured to be recognized by our peers nationally for the Calgary Zoo Flood Mitigation project. Protecting the zoo from future floods required the highest level of professional expertise and personal commitment from everybody who touched this project, and each of them deserves to celebrate this great achievement" said Chris Delanoy, P.Eng., Managing Director, ISL Engineering and Land Services Ltd.



In November, follow ACEC's national and international award winning [#20DaysOfExcellence](#) in Engineering campaign on social media. Visit www.acec.ca/20daysofexcellence to view videos of the winning projects and to learn more about the impact of consulting engineering on our quality of life.

About award-winning firms

Associated Engineering is an employee-owned, uniquely Canadian consulting firm with a 70-year history of providing uncompromising service. Associated offers expertise in planning, engineering, environmental science, and landscape architecture. Through their commitment to client satisfaction, technical excellence, and innovation, their vision is to develop creative solutions for a healthy, resilient world. www.ae.ca

DIALOG is passionate about design. They believe it can, and should, meaningfully improve the wellbeing of communities and the environment we all share. DIALOG is a multi-disciplinary design practice with studios across Edmonton, Calgary, Vancouver, Toronto and San Francisco. The firm's work includes designing for urban vibrancy, health and wellness, transportation, education, arts and culture, residential, retail, and commercial, as well as mixed-use solutions. www.dialogdesign.ca

ISL Engineering and Land Services Ltd. (ISL) is an award-winning consulting firm dedicated to delivering innovative, cost-effective and sustainable planning and design solutions. Their integrated expertise encompasses transportation, land use planning, civil engineering, municipal, landscape architecture, environmental management, structural buildings & bridges, and GIS/mapping as well as construction services, community engagement, communications, and 3D visualization. www.islengineering.com

Morrison Hershfield is a multidisciplinary, employee-owned engineering and management firm that prides itself on contributing to the social well-being and economic prosperity of the communities it serves. Founded in 1946, the company has grown through its emphasis on ethics, technical excellence and client service, to become a leader in the Buildings, Mission Critical, Municipal Infrastructure, Telecommunications, Transit and Transportation markets. www.morrisonhershfield.com

About Awards co-sponsors

ACEC represents companies in Canada that provide professional engineering services to both public and private sector clients. These services include the planning, design and execution of all types of engineering projects, as well as providing independent advice and expertise in a wide range of engineering and engineering-related fields. For more information about ACEC and the 2019 Canadian Consulting Engineering Awards, please visit www.acec.ca.

Canadian Consulting Engineer is a privately-owned magazine for professional engineers working as consultants in the construction field. It is a division of Annex Publishing & Printing Inc. The award-winning projects are described in full in the October-November 2019 issue of *Canadian Consulting Engineer* at <http://www.canadianconsultingengineer.com/digital-edition/>.

Multimedia (photos, project descriptions, videos)

Associated Engineering project [page](#) & [photo](#)

DIALOG (Mechanized River Valley Access) project [page](#) & [photo](#)

DIALOG (Royal Alberta Museum) project [page](#) & [photo](#)

ISL Engineering and Land Services Ltd. & Associated Engineering project [page](#) & [photo](#)

Morrison Hershfield project [page](#) & [photo](#)

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