



2021 Virtual Event Program

About the Calgary Climate Symposium

The City of Calgary is hosting its annual Calgary Climate Symposium on March 25 and 26, 2021 with satellite events being offered by partner organizations from March 20 to 27. Due to public health orders limiting public gatherings because of the COVID-19 pandemic, we will be offering this year's symposium virtually.

Connect with community leaders, entrepreneurs, industry experts and City staff for a series of unique (and free!) learning opportunities. The Calgary Climate Symposium will explore:

- how Calgary can prepare for the impacts of a changing climate,
- how Calgary can leverage economic recovery from the COVID-19 pandemic to unlock new business opportunities and strengthen climate change resilience,
- innovative solutions to climate change,
- and much more!

The Symposium includes virtual presentations, panel discussions, films and more! Visit calgary.ca/ClimateSymposium for details and join the conversation on social media: #yyccClimateSymposium.

Registering for and participating in Calgary Climate Symposium Sessions

You can access registration for all sessions of the 2021 Calgary Climate Symposium at calgary.ca/ClimateSymposium or by clicking the direct registration links in this Virtual Event Program¹. Satellite events may require registration at each partnering organization's website.

2021 Calgary Climate Symposium will be hosted using [Microsoft Teams Live Events](#). The Microsoft Teams Live Events platform was chosen to ensure the protection of privacy of those participating Climate Symposium. Attendees will not be required to provide any personal information nor will they have the ability to share audio or video. Attendees will have the option to use the Q&A during the session to interact with the MC and session speakers.

¹ Your personal information is collected pursuant to Section 33(c) of the Freedom of Information and Protection of Privacy (FOIP) Act. Your personal information may be used and disclosed for the purpose of event registration and your participation in sessions at the 2021 Climate Symposium. Personal information is collected via Eventbrite and disclosed to The City of Calgary ("The City"). For information on Eventbrite's personal information please visit their website. If you have any questions about this collection, use, and or disclosure of personal information please contact the Environmental Outreach Coordinator at Environmental and Safety Management, Floor 8, Public Building, 205 – 8 Avenue S.E., Calgary, AB, T2P 2M5, or call 403-818-4539.

Thank you to all the 2021 Calgary Climate Symposium Partners



Calgary Climate Symposium

Exploring opportunities for economic recovery through climate resilience.

March 25-26



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OPENING AND KEYNOTE ADDRESS

Net Zero: A Strategy for Resilience and Renewal

9:30 am - 10:45 am March 25, 2021

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The year 2020 will be known for many things - a global sea change regarding the shift to a clean economy will not likely top the list. However, underneath and interwoven with the COVID-19 pandemic and political polarization, Net Zero emerged as a unifying concept bringing a new understanding of opportunity and optimism to energy and climate policy. Cities, provinces, states, companies and countries have adopted Net Zero as the new target we must reach by 2050. Dr. Bruce Lourie will be sharing with us his deep understanding of energy and climate policy within the context of Net Zero. He will describe Canada's new Net Zero policies, findings from the most recent (yet to be released!) reports that describe Canada's pathways to Net Zero and how they compare with other countries, while bringing this home to the actions of cities and regions in Alberta where both the challenges and opportunities are significant.

Presenter: Dr. Bruce Lourie, Influential Environmental Policy Expert and Bestselling Author



Author of international bestseller *Slow Death by Rubber Duck*, Dr. Bruce Lourie is one of Canada's most influential leaders and thinkers in the environment sector. He has been instrumental in the creation of more than a dozen organizations that play critical roles in sustainability in Canada and abroad, and initiated the largest climate action in North America — phasing out coal in Ontario. Speaking on topics such as climate change, energy, sustainable finance, toxic pollution, non-profit leadership and more, Lourie brings a unique ability to translate complex issues into timely and actionable information. Lourie is the president of The Ivey Foundation, a private charitable foundation focusing on environmental policy change; a guest lecturer at the Said Business School at the University of Oxford, a senior fellow of the Smith School of Business and adjunct professor of the school of Public Policy at Queen's University. He has also been a member on several advisory boards and boards of directors, including the Independent Electricity System Operator, Ontario Power Authority, the Canadian Institute for Clean Growth and Climate Change, Canada's Ecofiscal Commission, Canadians for Clean Prosperity, and the Canadian Energy Research Institute. An in-demand speaker, Lourie has spoken at business, academic, sustainability and philanthropic gatherings around the world at events as diverse as the Canadian Energy Roundtable, Canadian Fuels Association, Canadian Energy Research Institute, Koli Forum in Finland on Northern Bioeconomies, Women's Health Forum in Pittsburgh, the Paris Cosmetics Summit on Sustainable Cosmetics, the Commission for Environmental Cooperation in Mexico City, the Australian Environmental Grantmakers Association and the Sydney Writers' Festival. Along with co-author Rick Smith, Lourie has published two books: *Slow Death By Rubber Duck*, an Amazon.ca and The Globe and Mail bestseller, as well as *Toxin Toxout*.

Building Calgary's New Economy through Climate Resilience

11:00 am to 12:00 pm March 25, 2021

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The economic risks posed by climate change are no longer theoretical. The fiscal wreckage left by some of our country's most devastating floods, wildfires and hailstorms still linger years later in our city and province. These events are exacerbated by additional crises impacting citizens and businesses: COVID-19, systemic racism, the downturn in our oil and gas sector, etc. Now is the moment to future-proof our city. Inaction is not an option and adaptation is what is required. While we may not be able to stop these events from occurring in future, we certainly can ensure that we have the fiscal and social resilience to bounce back quicker and smarter. Calgary is building momentum to be a global powerhouse in clean technology (clean tech) and we would be wise to leverage these strengths in our efforts to protect our economy and environment:

- We house 70 per cent of Alberta's cleantech head offices (*ACTia, 2019*)
- We are ranked one of the world's Top 15 cleantech ecosystems (*Startup Genome, 2019*)
- We are growing four of the country's Top 10 cleantech companies (*The Narwhal List, 2020*)
- We are home to the Clean Resource Innovation Network (CRIN), which is a 1,700-member consortium administering over \$100 million to commercialize emission-reduction technologies.

Join Jason Ribeiro, former Director of Strategy at Calgary Economic Development and researcher at the University of Calgary, as he outlines the economic case for climate action in our city and the collaboration needed across sectors and orders of government to harness its power in real-world business environments.

Presenter: Jason Ribeiro, Former Director of Strategy at Calgary Economic Development and Researcher at the University of Calgary



Jason Ribeiro is a corporate leader, community advocate, and one of Canada's most awarded social science graduate researchers. For the past two years, Jason was responsible for setting and implementing corporate and community vision through the city's economic strategy, "Calgary in the New Economy." His current Ph.D. research, which is funded by the prestigious SSHRC Joseph-Armand Bombardier Canada Graduate Scholarship, aims to assist organizational leaders in shaping, leading, and sustaining innovation efforts in cross-sector partnerships. Jason has represented Canada at the World Bank/IMF Annual Meetings, United Nations Peacekeeping Defence Ministerial, and Young Leaders Program of Atlantik-Brücke and currently sits on boards and standing committees within EducationMatters, Sport Calgary, the ActiveCITY Collective, and the Calgary Public Library.

Energy vs Climate Episode 15: Rebuilding Alberta's Energy Sector (A live podcast recording)

11:00 am - 12:00 pm March 25, 2021

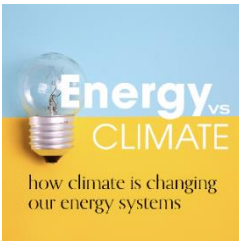
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As Albertans we want to build Alberta back better. What does this mean for Albertans and Calgarians, the future of jobs in the energy sector, new technologies and the roles of government and industry in addressing climate change? The Energy vs Climate Podcast is partnering with the Calgary Climate Symposium to produce a live symposium podcast, so bring your comments and questions for hosts David Keith, Sara Hastings-Simon and Ed Whittingham, then relive it on Apple podcasts, Stitcher, Spotify or wherever you listen.

Presenters: David Keith, Harvard Professor, founder of Carbon Energy, former University of Calgary Professor.

Sara Hastings-Simon, senior research associate at the Payne Institute for Public Policy at the Colorado School of Mines, research fellow at the University of Calgary's School of Public Policy.

Ed Whittingham, clean energy policy/finance consultant and fellow at the Public Policy Forum.



Energy vs Climate is a live webinar and podcast that breaks down the trade-offs and hard truths of the energy transition in Alberta, Canada, and beyond with energy experts David Keith, Sara Hastings-Simon and Ed Whittingham. Sign-up to be notified about upcoming shows at energyvsclimate.com or subscribe to the show in your favourite podcast player.

David Keith is a professor at Harvard in Engineering and the Kennedy School. He is the founder of Carbon Engineering and was formerly a professor at the University of Calgary. He splits his time between Canmore and Cambridge.

Sara Hastings-Simon is a senior research associate at the Payne Institute for Public Policy at the Colorado School of Mines and a research fellow at the University of Calgary's School of Public Policy. Prior to that she was the manager of the cleantech practice at McKinsey & Company, and director of Clean Economy at the Pembina Institute.

Ed Whittingham is a clean energy policy/finance consultant and fellow at the Public Policy Forum. He is the former executive director of the Pembina Institute.

Climate Considerations in Calgary's Transportation System – The City of Calgary

11:00 am to 12:00 pm March 25, 2021

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This session describes the changing climate in the planning, design, construction and operation of our municipal transportation system. The City of Calgary's transportation department has been uniquely structured and motivated to deliver on the 2009 Calgary Transportation Plan, having environmental sustainability as one of its primary goals, and how it has strategically invested in technologies and infrastructure to help offset increases in energy use and emissions that are associated with a growing and thriving major city. The City has significantly shifted its capital investment priorities to expand infrastructure for public transit and active modes of travel in the past decade. This shift enables Calgarians and visitors to rely less on their cars and trucks to move around the city, recognizing that 80 per cent of transportation-related greenhouse gas emissions come from personal vehicles. At the same time, we've been on the forefront of greening our operations so that our fleets and facilities are continually improving in their performance with reduced greenhouse gas emissions and tailpipe emissions affecting local air quality, and with consideration given to climate resilience. This will be an informative and wide-ranging presentation that outlines: land use and mobility aspects of energy use; strategic approaches to energy management including environmental management systems and sustainability design tools; fuel-switching from diesel to compressed natural gas and electric vehicles; transportation network changes made to be more resilient to a changing climate; and unconventional approaches to roadside vegetation management being explored for increased carbon sequestration and resilience to drought.

Presenter: Ethan Askey, Manager Sustainability Strategy for Transportation at The City of Calgary.



Ethan Askey provides leadership to the City of Calgary's Transportation department on environmental regulatory compliance, risk reduction, and strategic collaboration to advance environmental sustainability. He has driven and supported the implementation of countless initiatives in pollution prevention, biodiversity conservation, water resources management, energy management and climate responsive action. Currently Vice Chair of the Environment and Climate Change Council of the Transportation Association of Canada, he represents The City in the development and exchange of information on technical "best practices" at the national level. Prior to joining The City, Ethan consulted to local and provincial governments, First Nations, and private sector clients in power generation, electricity transmission, mining, oil and gas, land development and transportation infrastructure.

Introducing the Calgary Climate Innovation Fund managed by Alberta Ecotrust & Making your business more cost-competitive: efficiency incentives from Emissions Reduction Alberta

12:00 pm to 1:00 pm March 25, 2021

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Part 1: Alberta Ecotrust is very excited to launch in 2021 the new \$40-million Climate Innovation Fund. Partnering with the two largest municipalities in Alberta, we will implement a local program framework in each city to identify, invest in and scale up carbon reduction solutions. The Climate Innovation Fund is designed to amplify The City of Calgary's Climate Resilience Strategy, providing a tremendous opportunity to continue to build on the strengths of an active and creative climate action ecosystem. As a new program within Alberta Ecotrust, it will build upon organizational strengths while fostering innovative climate action. The Climate Innovation Fund will incubate the seeds of innovation required to ensure Calgary's future communities and economies are resilient. Alberta Ecotrust is a member of the Low Carbon Cities Canada (LC3) network, which consists of seven large municipalities across Canada, supported by the Federation of Canadian Municipalities. This means we will be able to share our successes and leverage actions from across the country to help Calgary meet its climate targets.

Part 2: In 2021, we are all looking toward Alberta's recovery and rebuilding. On Feb 1, 2021, Emissions Reduction Alberta's Energy Savings for Business (ESB) Program opened to applications. Incentives for a wide range of energy saving technologies and up to \$250,000 in funding per project will help small- and medium-sized businesses save energy and money.

With up to \$55-million in funding available, the program will help thousands of Alberta businesses while diversifying the economy and helping meet long-term sustainability goals. ESB meets a known market need and is anticipated to create 1,400 jobs and stimulate over \$196 million in new investment in Alberta.

ERA is looking forward to sharing program opportunities and how you can get involved.

Presenters: Mike Mellross, Program Director of the Climate Innovation Fund, Alberta Ecotrust.

Luca Jungen, Program Manager, Emissions Reduction Alberta.



Mike Mellross is the Program Director of the Climate Innovation Fund at Alberta Ecotrust Foundation. Prior to joining Alberta Ecotrust, Mike supervised the Energy Transition and Utility Supply unit at the City of Edmonton. His team was responsible for the implementation of Edmonton's Community Energy Transition Strategy, a long-term plan designed to advance Edmonton on a low carbon path.



Luca Jungen is a Program Manager at Emissions Reduction Alberta. He is currently working on the Energy Savings for Business Program which helps eligible Alberta businesses reduce emissions, decrease operating costs, grow their operations and become more competitive, while creating skilled jobs and boosting economic recovery.

INTACT: Climate focused investment strategies that minimize risk

12:00 pm to 1:00 pm March 25, 2021

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This presentation will focus on the manifestation of climate change as extreme weather, associated financial implications and demonstrations of how risk is growing within Canadian markets. The presentation will highlight widespread industry sector impacts of climate change, Task Force on Climate-related Financial Disclosures (TCFD) recommendations, Canadian standards and guidelines, and work the Intact Centre has completed to guide limiting extreme weather risk.

Presenter: Kathryn Bakos, Director, Climate Finance and Science of the Intact Centre on Climate Adaptation.



Kathryn Bakos is Director, Climate Finance and Science of the Intact Centre on Climate Adaptation. Kathryn assesses the impact of climate change on specific industry sectors and the broader capital markets. She is developing guidance to help investment professionals integrate climate change and extreme weather risk into forward-looking portfolio analysis to minimize associated risk. By extension, her research will influence companies to adapt to climate change in an effort to minimize risk/exposure. Kathryn holds an Honours B.Sc in Biological Science, University of Toronto, specializing in Environmental Science and is a candidate for the Master of Environment and Business program at the University of Waterloo.

ENMAX: Innovating for tomorrow while meeting the energy needs of today

1:00 pm to 2:00 pm March 25, 2021

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In 2019, ENMAX achieved the Canadian Electricity Association's (CEA) designation as a Sustainable Electricity Company. We recognize long-term sustainability takes commitment – it's not about checking boxes. To us, sustainability means focusing on the environment, vibrancy of our communities, and reliability of the electricity we provide, combined with the ability to look ahead. Through our subsidiary, ENMAX Power Corporation, we own and operate the transmission and distribution infrastructure to safely and reliably deliver electricity to all Calgary homes and businesses. We have the obligation and privilege to provide our community with an essential service – and building the utility of the future means investing now in what matters to customers both today and tomorrow. And through ENMAX Energy Corporation, we own and operate 1,509 MW of power generation and offer a range of electricity, natural gas and energy services to residential, commercial and industrial customers across Alberta. We're looking at ways to reduce greenhouse gas emissions and improve efficiencies across our fleet, as well as educate and support our customers and communities to make good energy decisions. Preparing for the future needs of our customers and communities means acting now. In this session, our panelists will discuss how ENMAX is preparing its grid to meet evolving electricity needs – from electric vehicles to distributed solar generation, how we're finding efficiencies in our generation operations – including the installation of a hybrid battery and optimization of wastewater use, how we're helping our communities through the social impacts of climate change, and how we're supporting the regulatory and policy space to build our systems in a way that fosters agility and innovation.

Moderator: Andrew McVie, Manager, Corporate Planning and Performance Management, ENMAX

Panelists: Terri-Lynn Duque, Director of Strategic Innovation, ENMAX Power.

Wayne Calder, Director of Customer Care at ENMAX.

Jason Doering, Vice President of Safety, Environment and Support Services at ENMAX.



Terri-Lynn Duque, Director, Strategic Innovation at ENMAX Power, leads strategic initiatives along with her team to transform Alberta's electricity sector. With a focus to drive positive impactful change, Terri-Lynn encourages those around her to think yes first and influences by uniting people.

Terri-Lynn is an electrical engineer with 15 years of experience in electricity distribution and transmission and a passion for renewable and distributed energy. She is also an outdoor enthusiast who loves exploring the Rockies on foot, bike or skis with her family and dreaming about building a bed and breakfast in the foothills of Bragg Creek.



Wayne Calder, Director, Customer Care at ENMAX is responsible for the delivery of customer-focused solutions for residential and small commercial segments. He is accountable for operations, training and development, workforce management and reporting, and driving a highly engaged performance culture.

Wayne has an MBA from the University of Calgary's Haskayne School of Business and an undergraduate degree in Philosophy. In his free time, he can be found mountain biking with the Deadgoats cycling club, snowboarding at Sunshine Village with his kids or leading the local 86th Woodcliff Cub group on camping adventures.



Jason Doering, Vice President, Safety, Environment, and Support Services at ENMAX is accountable for safety, environmental and supply chain management, mobile fleet services, facilities, and physical security. Jason was previously Director, Engineering and Maintenance for ENMAX Energy.

Jason has been a member of the Association of Professional Engineers and Geoscientists of Alberta (APEGA) since 2008. He holds bachelor's degrees in Mechanical Engineering and Psychology from the University of Manitoba. In his spare time, Jason is an avid road and mountain biker, president of his community association and a car enthusiast with several sports cars he loves driving and working on.



Andrew McVie, Manager, Corporate Planning and Performance Management, leads ENMAX's financial Planning team responsible for the annual budgeting process as well as Enterprise Risk Management, where climate change is a top-of-mind topic.

Andrew has an MBA from the Sauder School of Business at the University of British Columbia and Bachelor of Arts in Canadian History. Passionate about utilities, he previously worked as a management consultant, advising over 30 utilities across North America. Andrew enjoys spending his free time with his wife and two young children exploring the playgrounds Calgary has to offer and teaching them to become NFL fans.

Ready Business: Is your business prepared for a disaster?

1:15 pm to 2:15 pm March 25, 2021

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As we have experienced, disasters can strike without warning. Learn about the risks in Calgary that may affect your business operations, how you can prepare your business ahead of time through the development and implementation of a business continuity plan, and learn what to expect after the emergency or disaster has occurred.

Presenter: The Calgary Emergency Management Agency



The Calgary Emergency Management Agency (CEMA) plans and coordinates emergency services and resources during major emergencies and disasters. We work with city services, emergency responders and other partners, communities, businesses and non-profit agencies to mitigate risks and help Calgary prepare, respond to, and recover from a disaster.

Unlocking the Full Potential of Existing Buildings: BOMA BEST

1:00 pm to 2:30 pm March 25, 2021

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BOMA BEST in Canada's largest environmental assessments and certifications program for existing buildings. Since it came about in 2005, the green building program has certified and recertified more than 7,000 buildings across the country. A number that continues to grow to this day with buildings of all ages, sizes and across regions coming under the umbrella. With built infrastructure accounting for roughly 39 per cent of all emissions, it is now more important than ever to shift focus to adopting measurable improvements to building performance that are also environmentally-friendly and financially-viable.

This session will provide an overview of who BOMA represents, highlight the For Industry, By Industry approach taken by the voluntary certification program, the elements of property management it covers, and provide real-life examples of how continuing to remain certified provides leads to more climate-resilient and environmentally-friendly properties.

Presenter: Jay Islam, Policy and Government Affairs Advisor for BOMA Calgary.



Jay Islam is the Policy and Government Affairs Advisor for BOMA Calgary. Jay has a background in policy analysis in a variety of fields and started his career in compliance before pursuing a master's degree in Political Science at Simon Fraser University in Burnaby where his research focused on carbon pricing policies in the European Union. While finishing his degree he continued to work in the tax and compliance policy realms in Vancouver before moving back to Calgary. Since returning home in 2018, Jay has held roles with the Calgary Chamber of Commerce and most recently at BOMA Calgary where his primary focuses have been on advocacy and policy analysis. As part of his role with BOMA Calgary, Jay represents the organization on the City of Calgary's Climate Panel, BOMA Calgary's Environment, Health & Safety Committee and is the BOMA BEST Coordinator for the local chapter nationally.

Watershed in a Changing Climate: Highlighting the Bioengineering Demonstration and Education Project – The City of Calgary

1:30 pm to 2:30 pm March 25, 2021

[Register now](#)

How is climate change shifting precipitation patterns in Calgary, how will our watershed be affected, and what is The City doing to address some of these challenges through its climate action plan? The Bioengineering Demonstration and Education Project is a joint effort between The City of Calgary and Alberta Environment and Parks and aims to improve fish habitat and stabilize slopes between Pearce Estate Park and the Inglewood Bird Sanctuary. The project offers a unique opportunity to urban planners, environmental consultants and engineers. It provides a rare opportunity to scientifically evaluate bioengineering techniques and their use in dealing with future floods. The objective is to reinforce, validate and communicate bioengineering as a viable alternative to traditional hard engineering techniques for stabilizing and protecting stream banks and achieving enhanced terrestrial and aquatic ecological value.

Presenter: Maggie Nelson, Public Program Coordinator, Water Resources, City of Calgary



Maggie Nelson, Public Program Coordinator in Water Resources, is the lead of the development of the Education Plan for the Bioengineering Demonstration and Education Project, which is a joint effort between The City of Calgary and Alberta Environment and Parks, and aims to improve fish habitat and stabilize slopes between Pearce Estate Park and the Inglewood Bird Sanctuary.

Leading Companies and Their Audacious Goals

2:00 pm to 3:00 pm March 25, 2021

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Join Canadian Business for Social Responsibility (CBSR), Canada's leading network for business as a force for good, to learn about great climate initiatives being taken by our members. CBSR membership includes 40 leading companies from across the country, representing all sectors of the economy. At the session you will have a chance to hear some of their stories and learn about their commitment to responsible business practices and to helping to build a sustainable, prosperous, and socially-just future in a generation.

Presenters: Leor Rotchild, Executive Director, CBSR

Sian Barraclough, Vice President, Strategy & Sustainability, Capital Power

Rob Cummings, Director Environment & Public Affairs, Lafarge Canada



Leor Rotchild is an environment, social and governance (ESG) and energy expert with corporate, entrepreneurship and NGO experience. He co-hosts a popular podcast called Pipelines & Turbines, which features interviews and commentary about topical energy and sustainability issues.

As the Calgary-based Executive Director of Canadian Business for Social Responsibility (CBSR), Leor facilitates a learning network for 40 leading

companies from across Canada to support their sustainability and social impact programs and performance.



With over 25 years of experience, Sian is a passionate champion of sustainability, innovation and women in the energy sector and her expertise spans across sustainability, power and emissions markets. She's leading Capital Power's corporate strategy, including overall integration of sustainability priorities along with ESG disclosure and reporting, and the company's corporate communications, stakeholder engagement and community investment functions. Sian's dedication to building a brighter energy future for communities across Canada and the U.S. is guiding her team's critical role to define a pathway to net carbon neutral by 2050 – and ultimately supporting Capital Power's work to deliver Responsible Energy for Tomorrow.

Prior to her current role, Sian has held various senior positions through her tenure with Capital Power and EPCOR since 2006, notably including Vice President, Commercial & Energy Management where she led Capital Power's initiative to transition the Genesee Generating Station to natural gas, resulting in Capital Power announcing it will be off coal in 2023 – nearly six years ahead of government mandate. She has also held roles at Enbridge and the Alberta Department of Energy.

Sian's track record of value creation throughout her career in the energy sector reflects her commitment to taking on new challenges and collaborating to innovate and find solutions for a resilient, equitable and decarbonized energy system – one that supports the wellbeing and livelihood of her children and their future.



Rob Cumming heads up Environment and Public Affairs for Lafarge Eastern Canada. He is a professional engineer with over 30 years of experience in sustainability, engineering, environment, and public affairs in the industrial sector. His portfolio includes over 250 aggregate, ready mix, and cement sites plus a wide array of low carbon products, circular economy solutions, and supply chain optimization. As part of a team of senior professionals, he advances Lafarge Canada's sustainability goals comprising multiple short term and long term strategies, oversees evolving carbon pricing and net zero systems, and develops partnerships with leading partners across Canada.

University of Calgary's Climate Ambition: Innovating Toward a Net Zero Campus

3:00 pm to 4:00 pm March 25, 2021

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In 2020, the University of Calgary reduced its annual greenhouse gas emissions by more than 30 per cent, representing more than 80,000 tonnes of annual emissions reductions and the equivalent of 17 large scale wind turbines running for a full year. This session will highlight the innovative approaches the university is taking to reach a 50 per cent reduction in emissions by 2030 on a path to becoming a net zero campus by 2050. From net zero buildings, to existing building energy retrofits, to decarbonizing energy supply, this session aims to inspire your ambition.

Presenters: Joanne Perdue, Associate Vice President, Sustainability at the University of Calgary

Adam Stoker, Sustainability Consultant with the University of Calgary's Office of Sustainability



Joanne Perdue is an architect, LEED fellow, the Associate Vice-President of Sustainability at the University of Calgary, and a recognized Canadian innovator and collaborator for sustainability and climate action. Over her tenure, the University of Calgary has attained recognition as one of Canada's top universities in sustainability performance including a global top 30 standing for progress in advancing the United Nations Sustainable Development Goals. She is an ardent supporter of empowering and preparing future leaders to accelerate the transformation to a sustainable future.



Adam Stoker has more than 15 years of experience working with energy and sustainable buildings and his background in mechanical engineering, project management and green design has endowed him with a unique perspective on sustainable design and environmental stewardship. He has helped shape the design and construction of more than 50 high performance green buildings across western Canada. In his current role with the University of Calgary, he is part of the team delivering the \$280 million MacKimmie Complex Redevelopment Project – Canada's largest Zero Carbon Building Design certified building.

Energy Efficiency: Opportunity in Scale – The City of Calgary

9:00 am to 10:00am March 26, 2021

[Register now](#)

Development and building energy efficiency opportunities vary significantly on the scope of buildings; budgets, technology availability and required expertise all change with the type and size of the building. To address and clarify these variables, we will review the context, energy loss mechanisms, and some likely solutions to each of these differing project scales, and highlight some enabling moves and issues that we have identified in reviewing various projects and solutions. While not identifying specific case studies, we will use generalized examples to illustrate common pitfalls in project approvals, as well some recent initiatives to better enable high performance buildings. Finally, we will discuss the trajectory moving forward and review potential long-term developments to better accommodate energy efficient designs at all scales.

Presenter: Justin Pockar, Customer Advisory Services Manager, Calgary Building Services, City of Calgary



Formally educated in both physics and architecture, Justin was a consultant prior to joining The City of Calgary in 2006. During this period, he had the privilege of working on projects across Canada, several achieving LEED Gold or better. Currently the Manager for Customer Advisory Services in Planning and Development Services, he formerly led both plans examination and was energy and environment coordinator where roles included design, technical and administrative roles in policy and approvals, to working with the University of Calgary in lecturing and advising on student design projects. He continues to be active in the education and energy efficiency community, and has helped author a number of books and articles, including the National Energy Code of Canada for Buildings (NECB).

Location Data and Solar Potential Map - The City of Calgary

9:00 am to 10:00am March 26, 2021

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The City of Calgary has been mapping for almost 100 years going back to its very first aerial image in 1924. Since that time, our mapping program has evolved to be used across the organization and is a key part of how we communicate to Calgarians. The Calgary.ca map gallery contains several maps that provide climate-related information to the public. The Solar Potential Map can be used as a preliminary solar opportunity assessment tool and was just refreshed in 2020.

Presenters: Camal Dharamdial, Innovation & Business Development Lead, City of Calgary
Mike Alfawicki, Geospatial Business Specialist, City of Calgary



Geographic Information Systems, or GIS, is one of the most widely used software platforms at The City of Calgary and has been a part of our organization for over 20 years. GIS is a powerful data editing, viewing and analysis tool that allows users to view trends and analyze patterns based on physical location.

Closing the Gap

9:00 am to 10:30 am March 26, 2021

[Register now](#)

Achieving our commitment to reduce our greenhouse gas emissions is a journey that requires more than just technology and innovation. To achieve a future where we are able to transition to a lower emissions world will require everyone to align to a common goal and work together. For many of us, a significant first step begins at home. Energy-sensitive designs and innovations can dramatically reduce greenhouse gas emissions of both new construction and renovated housing without compromising the standard features we look for in a home. This presentation will guide participants through exciting innovations and solutions to transform your home into a net zero space. Whether you are looking to update an existing home or build a new single family or multi-family home, we will introduce you to the latest technology and designs that will enable you to significantly minimize your household's environmental footprint.

Presenters: Peter Darlington, Founder of Solar Homes Inc.

Dave Desormeaux, President and COO, Jayman BUILT Single Family

Chris Williams, Vice President, Avalon Master Builder



Peter Darlington, the founder of Solar Homes Inc., spent the first couple of decades of his career operating a building envelope company. When he began his personal renovation in 2015, it became apparent that he could leverage this experience to design his renovation to Net Zero standards, meaning his home would generate all the energy it would require. He has also spent his time working with some of the best builders in the country developing a national program to label homes that reach this milestone of performance. Peter's home recently became the first home in Canada to be labelled under the Canadian Home Builders' Association's (CHBA) Net Zero Renovation Pilot Program.



Dave Desormeaux, President and COO, Jayman BUILT Single Family, has nearly 33 years of experience in sales, operational and financial leadership across manufacturing, software, food service, retail and construction in demanding, customer-centric organizations. In his time at Jayman, Dave has been heavily involved in a number of homebuilding industry innovations, including the implementation of Net Zero and energy efficient technologies in Jayman BUILT homes.



Chris Williams, Vice President, Avalon Master Builder, started with Avalon Master Builder, a leading builder in the NetZero Energy industry, as a partner in 2008. He works on Net Zero related committees to push the industry, and further Avalon's vision and passion for building all Homes Net Zero, and lives in one of Avalon's Net Zero Energy demonstration homes. In addition to being on the Management Committee for CHBA Net Zero Counsel, Chris works closely with the Canada Green Building Council as a member of the Technical Advisory Sub Committee.

Smart, Sustainable and Resilient: How to get the buildings we want

10:00 am to 11:00 am March 26, 2021

[Register now](#)

Our buildings are the biggest emitters of carbon dioxide. The fight against climate change starts with ensuring that our existing buildings deliver what we need out of them and nothing more while creating buildings that use smarter technology to achieve a sustainable future. In this presentation, the presenters will highlight the latest practices, technologies and trends enabling energy efficient buildings – both in retrofitting existing buildings and new construction. The presentation will be followed by a Q&A segment.

Presenters: Wade Reda, Intelligent Infrastructure Solutions Manager, Siemens Canada

Mark Byvelds, Energy Services Manager, Siemens Canada



Wade Reda is the manager of Intelligent Infrastructure Solutions at Siemens Canada. Wade Reda has spent eight years in the automation space with experiences ranging from building automation, smart cities, and industrial automation. Wade's journey has always revolved around creating a positive impact on our climate and addressing the rising energy needs of customers.



Mark Byvelds (P.Eng) is the national BD Manager for Energy Services at Siemens Canada. Mark has spent the last 9 years working with Siemens in Canada and the United Kingdom to develop, design, implement and monitor energy conservation projects and has previous experience in greenhouse gas policy and accounting.

Cities Taking Freight Action

10:30 am to 12:00pm March 26, 2021

[Register now](#)

As e-commerce activity and the demand for same-day and home deliveries grow, more freight vehicles are expected to hit the road in Canadian cities. This will contribute to not only increasing carbon pollution, but also greater traffic congestion, noise on our streets and competition for the curbside. In order to keep up with soaring demand for goods movement while mitigating the negative impacts of freight activity in dense urban areas, some businesses are rethinking their delivery operations, turning to solutions such as microhubs and cargo bikes, off-peak deliveries, and curbside management. This presentation will explore these topics and share findings from recent research on reducing carbon emissions from urban deliveries.

Presenter: Mark Stout, Senior Analyst, Pembina Institute



Mark Stout is a senior analyst with the Pembina Institute's transportation and urban solutions team. Mark leads research and policy development in the urban transport sector including pricing multiuse curbside access and decarbonizing the urban freight delivery system.

Commercial and Institutional Building Energy Benchmarking program – City of Calgary

10:30am to 11:45 am March 26, 2021

[Register now](#)

Presenters from The City of Calgary, Natural Resources Canada, the Calgary Board of Education, and Concert Properties will take us for a dive into the world of building energy benchmarking and performance. You'll be introduced to energy benchmarking as the process of creating a baseline of understanding for your building performance. Along with this, some of the free benchmarking tools and resources such as ENERGY STAR Portfolio Manager and The City of Calgary's Commercial and Institutional Benchmarking program will be described. You'll also learn how energy benchmarking data can be integrated into broader energy management strategies that prioritize the implementation of energy efficiency and greenhouse gas emission reduction projects across portfolios.

Presenters: Brent Downey, City of Calgary Energy Advisor

Olena Olafson, Sustainability Consultant, Calgary Board of Education

Leo Glaser, Environmental Sustainability Manager, Concert Properties

Trina Kennedy, Senior Program Officer, Natural Resources Canada



Brent Downey is the Energy Advisor for the City of Calgary's Climate Program and leads the Commercial and Institutional Building Energy Benchmarking program. His background is in chemistry, renewable energy technology and building energy management. Brent can assist you with benchmarking your properties in ENERGY STAR Portfolio Manager and make recommendations on the next steps for improving your building energy performance.



Olena Olafson is a professional engineer who has worked at the Calgary Board of Education (CBE) for more than 10 years. Olena's role is to develop, promote and implement sustainability initiatives that involve and engage both internal and external stakeholders at the Calgary Board of Education. She led the development of the CBE Sustainability Framework, was involved in the creation of the CBE Waste Management Strategy and helped conduct the (first ever) CBE Greenhouse Gas Inventory. She looks forward to sharing the CBE's Energy Management Strategies



Leo Glaser is the Manager, Environmental Sustainability at Concert Properties, and leads the GHG emission reduction strategy and energy conservation projects of Concert's commercial real estate portfolio. In addition to managing energy efficiency and electrification projects, he has collaborated with many building energy benchmarking initiatives across Canada. Leo is a member of the Association of Energy Engineers (AEE) and the Northwest Energy Efficiency Council (NEEC).



Trina Kennedy has over 19 years of experience working for the federal government and has been working as a Senior Program Officer for Natural Resources Canada's Office of Energy Efficiency's Buildings and Industry Division since 2017.

Trina works specifically with the Buildings Sector in the provinces of British Columbia, Saskatchewan, Alberta, Manitoba, Quebec and New Brunswick to promote energy efficiency programs and policy adoption. The ultimate objective is to reduce GHG emissions and increase energy efficiency, productivity and competitiveness in Canada by improving overall energy performance as per the federal governments' international and the Net-Zero by 2050 commitments.

Innovation and Decarbonization in Natural Gas Distribution

11:00 am to 12:00pm March 26, 2021

[Register now](#)

ATCO is privileged to be the distribution utility providing reliable and affordable natural gas service to Calgarians. This presentation will focus on innovation initiatives ATCO is pursuing in the natural gas system that are reducing emissions, lowering customer costs, increasing business competitiveness and creating local jobs. These initiatives include: hydrogen blending, renewable natural gas (RNG), energy efficiency, natural gas for transportation fleets, combined heat and power (CHP), customer-premise carbon capture technologies and new rate design. Opportunities and barriers to building back better will be discussed.

Presenters: David Conn, Manager of Energy Systems Policy for ATCO Utilities Natural Gas Division

Justin Pullukatt, Director, Strategic Initiatives & Technology for ATCO Utilities Natural Gas Division



Justin Pullukatt is the Director, Strategic Initiatives and Technology for ATCO Utilities Natural Gas Division. Justin leads ATCO's gas group focused on technology innovation and participates on teams evaluating energy transition scenarios using a disciplined approach. Justin is a registered professional engineer and holds an MBA designation from the University of Alberta. Justin is a member of the Energy Solutions Center Board, the Natural Gas Futures group at UBC's Clean Energy Research Centre, and the Natural Gas Innovation Fund's Innovation Committee.



David Conn is the Manager, Energy Systems Policy for ATCO Utilities Natural Gas Division. David's work centres on policy issues related to innovations in our energy systems that will reduce emissions while preserving energy affordability and system reliability. Areas of current focus include energy efficiency and the opportunity to use hydrogen to decarbonize space and water heating. David is a B.Comm. graduate of the University of Calgary and a Board member and past Chair of both the Alberta Energy Efficiency Alliance and the Canadian Natural Gas Vehicle Alliance.

The role of deep retrofits in meeting Calgary's climate and resilience goals

12:00 pm to 1:00 pm March 26, 2021

[Register now](#)

Retrofitting the buildings where we live and work is critical for addressing greenhouse gas emissions. At the same time, retrofitting existing buildings can increase safety, improve occupant health, make housing more affordable; and aid in economic recovery and create jobs. This presentation will outline how deep energy retrofits can help Calgary meet environmental, as well as social, and economic objectives and highlight the technology, innovation, tools and leaders helping us get there.

Presenters: Madi Kennedy, Analyst, Pembina Institute

Betsy Agar, Senior Analyst, Pembina Institute



Betsy Agar is a senior analyst in the Buildings and Urban Solutions Program at the Pembina Institute, Canada's leading clean energy think tank. She designs policy and programs to retrofit B.C.'s residential building stock. Prior to joining the Institute, Betsy was a founding member of Renewable Cities at Simon Fraser University's Centre for Dialogue, where she collaborated with colleagues from around the world to expose barriers to implementation for communities fully powered by renewable energy. Betsy is a building science engineer (PEO) and holds a Master of Applied Science from McMaster University. She also serves as a director on the board of Climate Action Edmonton.



Madi Kennedy is an analyst in the Vancouver office of the Pembina Institute, Canada's leading clean energy think tank, supporting the green buildings program. Madi conducts research, engages with stakeholders and advances policy supporting low-carbon buildings. Prior to joining the institute, Madi worked for the B.C. Public Service as a policy analyst for the B.C. Climate Action Secretariat, and as an analyst for the B.C. Utilities Commission. In these roles, she provided research and analysis to support decision makers and contributed to the design of engagement processes. Madi holds a master's degree in public policy from Simon Fraser University.

An Overview of the Task Force on Climate-Related Financial Disclosures (TCFD) Recommendations

12:00 pm to 1:00 pm March 26, 2021

[Register now](#)

The interest for climate-related financial disclosures has been building over the past number of years. Mark Carney, the former Financial Stability Board (FSB) Chair and Governor of the Bank of Canada noted that, “Since the 1980s, weather related loss events tripled. In inflation adjusted terms, losses have gone from \$10 to \$50-billion per year over the past decade...the challenges currently posed by climate change pale in significance compared with what might come.” In 2015, the Task Force on Climate Related Financial Disclosures (TCFD) was convened by the FSB to develop recommendations for voluntary climate-related financial disclosures to bring this type of reporting mainstream. TCFD believes that better access to data will enhance how climate related risks are assessed, priced and managed. The momentum and demand for this type of disclosure continues with the federal government’s recent announcements on net-zero and the LEEEF program, which requires organizations to disclose climate related risks in line with the TCFD. Further, interest from the investment community to understand the climate-related risks within their portfolios is driving organizations to collect and report this data to help secure capital. Organizations, particularly accounting and financial professionals, need to understand the drivers behind climate-related disclosures, how to disclose information that will satisfy key stakeholders including investors, and how organizations can manage climate-related risks and opportunities going forward. This session will cover these topics with a particular focus on TCFD and create space for peer-to-peer dialogue.

Presenter: Robyn Seetal, CPA, CA, Principal Consultant, IkTaar Sustainability; Director, Local Investing YYC



Robyn Seetal is a CPA, CA and an award-winning sustainability consultant. She combines her enterprise risk management skill set, accounting background, and sustainability expertise to create shared value for organizations and their stakeholders. She lends her expertise to the Carbon Disclosure Standards Board as a member of their international technical working group and supports CPA Canada develop training and guidance for its members on environmental, social, governance topics.

Robyn is a founding director of Local Investing YYC; an impact investment cooperative, and serves as the Co-Chair of the Climate and Environment Steering Committee for the World Economic Forum's Global Shaper Community, Board Member of the Trans Canada Trail, and Founding Board Member of The Nature Foundation.

Alberta's Emerging Economy: A blueprint for job creation by 2030

1:00 pm to 2:30 pm March 26, 2021

[Register now](#)

As Alberta's innovators and entrepreneurs look for solutions in a quickly changing world, the province's emerging economy is well-positioned to lead the way to a low-carbon future. In this analysis the Pembina Institute estimates how many green jobs could be created in the province by 2030 under four key sectors of the economy: electricity, oil and gas, transportation, and buildings. We found that at least 67,200 full-time jobs can be created across these four areas over the next decade.

Presenter: Binnu Jeyakumar Director, Clean Energy, Pembina Institute



Binnu Jeyakumar brings a wealth of skills, expertise and experience from the power industry, government and non-profit sectors to her position as director of the clean energy program of the Pembina Institute, Canada's leading energy think tank. Her portfolio includes managing the phase-out of coal power, integrating renewables, and modernizing the grid. She has expertise in fossil fuel and renewable generation technologies, community energy, and sustainability strategy development. She has designed and convened several multi-stakeholder engagements on energy policy issues.

Before joining the Pembina Institute, Binnu worked as a plant and performance engineer at TransAlta's various generating facilities in Alberta, Ontario, and Mexico. She also provided management consulting services to the Ghanaian government focusing on local government effectiveness. She currently serves on the board of Blue Green Canada.

Food Systems and Climate Adaptation

1:00 pm to 2:30 pm March 26, 2021

[Register now](#)

Join us to learn about the CalgaryEats! Food Action Plan, followed by two presentations from the University of Calgary, Sustainability Studies, School of Architecture, Planning and Landscape. We will delve into lessons from COVID-19 and leveraging untapped resources can address climate-based food system vulnerabilities. Climate change is a clear and present danger to food security in cities around the world. As the COVID-19 pandemic demonstrated, food systems across Canada and the USA are vulnerable to disturbances impacting food supply and access. Additionally, COVID-19 highlighted the importance of regional food production and distribution links in strengthening resilience of the local food system to address food security concerns during a crisis; the need for which is possibly even more important for climate change. Calgary and the surrounding region have untapped resources that could strengthen the city's resilience to climate-based impacts that will affect food insecurity. Citing examples across North America, this talk will highlight lessons illuminated by the COVID-19 pandemic and how leveraging local untapped resources can equally address food insecurity, climate change resilience, and economic recovery. Such untapped resources include regional regenerative agriculture, geothermal energy from orphan wells to heat greenhouses, and urban agriculture using technologies such as hydroponics. An Urban Indoor Hydroponics Network – Building a climate resilient local food production system in Calgary Climate projections present significant uncertainty for agriculture production, this uncertainty is only compounded by immediate shocks to our global food system like the COVID-19 pandemic. These uncertainties facing the existing food system demonstrate the

need for resilient and diversified food production strategies. Indoor hydroponics applications, like those found in container farms, showcase an opportunity for increased local food production in locations where food production capacity is limited. While there may be a business case for deploying a network of indoor hydroponic units around the city, this talk focuses on exploring an indoor hydroponics network through a community development and resilience lens.

Presenters: Kristi Peters, B.A., M.E.M. Food Systems Planner, The City of Calgary

Alexander Wilkinson, PhD Candidate, University of Calgary, Sustainability Studies, School of Architecture, Planning and Landscape

Tatenda Mambo, Postdoctoral Fellow, University of Calgary, Sustainability Studies, School of Architecture, Planning and Landscape



Kristi Peters is a Food Systems Planner with The City of Calgary where she leads the implementation of the CalgaryEats! Food Action Plan. Through programs and partnerships, she works with City departments and a range of external stakeholders to identify barriers and optimize opportunities to create a more sustainable and resilient food system for Calgary. She currently sits on the Steering Committee of the national Food Communities Network. She is also a long-time member of Food Secure Canada, and participates on global sustainability food networks like the C40 network and EAT.

Her professional background is in both culinary and food systems research with over 15 years of experience focused on sustainable local food system research and community action. This work has been formative in building relationships with local/regional growers, producers and other food system actors to explore urban food system sustainability challenges within the Calgary context.



Alex Wilkinson is a PhD Candidate in the School of Architecture, Planning and Landscape and a Research Analyst in the Sustainability Studies program. My academic background is a BSc in Applied and Environmental Geology, and an MSc in Sustainable Energy Development. My PhD research explores social ecological systems and systems thinking, sustainable food systems, responding to change, and resilience, with a specific interest on developing place-based strategies for responding to social ecological changes such as climate change and developing resilient food systems. Alex is also an instructor in the Sustainability Studies undergraduate certificate program.



Tatenda Mambo is a postdoc in the School of Architecture, Planning and Landscape and a Research Analyst in the Sustainability Studies program. He completed his Ph.D at the University of Calgary investigating urban food insecurity, gender and HIV/AIDS in Lilongwe, Malawi. As part of his postdoc, Mambo's research explores sustainable food systems, regenerative agriculture, and food security.

Let's Get Climate Active! How to Engage Students of All Ages in Climate Education and Solutions

2:30 pm to 3:30 pm March 26, 2021

[Register now](#)

Climate change is one of the most pressing issues we face. A recent survey of more than 500 Alberta youths reveals a strong majority of students are concerned about climate change and want to learn what we can do to address it. Whether you teach grade 1 or grade 12, understanding what climate change means for you and your students provides a rich and engaging opportunity for cross-curricular learning as you explore the scientific and social dimensions - and the solution space - of this important and timely topic.

Presenter: Marie Tremblay, Senior Education Advisor, Alberta Council for Environmental Education



Marie Tremblay joined ACEE in May 2018 as a Senior Education Advisor, bringing to her new role a dual passion for education and the environment. With university degrees in engineering, education, environmental design (Master's) and ecology (PhD), it's fair to say she also has a passion for learning. Marie's professional experience includes over a decade of teaching in a variety of settings from grade 1 to university level, including five years in Indigenous communities of Canada's far north.

Emerald Documentary Series – Mini Film Festival

4:00 pm to 5:00 pm March 26, 2021

[Register now](#)

Join the Alberta Emerald Foundation, our province's environmental good-news storytellers, as they bring the 2021 Virtual Climate Symposium to a celebratory close. Be inspired by the Emerald Award-winning examples of environmental and climate leadership from around the province with a selection of short films from the inspiring Emerald Documentary Series. BYO Popcorn!

Presenter: Gregory Caswell, Executive Director Alberta Emerald Foundation



Gregory Caswell's (he/him) interest in everything green started at age 10 when he was given a book filled with environmental experiments and explanations. Many years later, Gregory joined the Alberta Emerald Foundation (AEF) as the Communications and Outreach Manager and played a crucial role in the development of the current offering of programs. In 2019, Gregory took over the helm as Executive Director, and every day is filled with excitement for the people he gets to work with and the amazing initiatives he gets to oversee.

2021 Calgary Climate Symposium

Satellite Events

The City of Calgary has partnered with various community groups to provide climate-related videos, activities, online sessions, and more. Each of these offerings are briefly described below, however, full details and registration information will be found on the website for each of the partnering groups.

By following the links and registering with our partners, your personal information may be used and disclosed as per the privacy policies of the respective partners and/or the registration platforms they are using. For information about the collection and use of your personal information, please contact the partner directly or visit their website.

Calgary Climate Hub

www.calgaryclimatehub.ca

6:30 pm to 8:30 pm March 24, 2021



A Climate of Change with Dr. Michael E. Mann

For this episode of an ongoing web series, the Climate Hub of Southern Alberta and the Calgary Climate Hub welcome Dr. Michael E. Mann, renowned climate scientist and author of *The New Climate War: The Fight to Take Back Our Planet*.

Mann outlines a plan for forcing governments and corporations to be held accountable, including a new version of the Green New Deal, fair competition between renewable energy and fossil fuels, and debunking the false narratives that have driven a wedge between even those who support climate change solutions.

Event registration link: https://www.calgaryclimatehub.ca/climate_symposium_2021

Facebook Live Event link: <https://www.facebook.com/events/331286171640411>

Calgary Unplugged

www.openstreetscalgary.com

March 20 to 27, 2021 ending with Earth Hour 7:30 pm to 8:30 pm March 27, 2021



Unplugged - Calgary's Earth Hour!

To support global action on climate change, Calgarians reduce their energy consumption every year for Earth Hour, including landmarks such as the Calgary Tower and Saddledome along with City of Calgary buildings, shopping malls, coffee shops, microbreweries and stores. Events take place the week leading up to Earth Hour on Saturday March 27th, 8:30 to 9:30 pm.

Contact animate@openstreetscalgary.com or call 403-270-3200 for info.

Facebook event: <https://www.facebook.com/events/874835426651148>

www.ecosolar.ca

Eco-Solar Home Tour Society of Alberta

Virtual tours available online now!



The Eco-Solar Virtual Home Tour

As part of the preparations for this year's [Eco-Solar Home Tour](#), we have prepared interviews and virtual tours for some of our tour homes. See the current state-of-the-art in energy-efficient homes by watching the videos in our [Eco-Solar Virtual Tour Video](#) playlist.

Virtual Tour Playlist:

https://youtube.com/playlist?list=PLN4RYZUhLZ3X8BH2oMUXEzYeq0b_D2rl9

Green Calgary

www.greencalgary.org

12:00 pm - 1:00 pm March 24, 2021



Rethinking Workplace Waste

As part of the City of Calgary Climate Symposium Satellite Event, Green Calgary is thrilled to present, Rethinking Workplace Waste!

Event registration link: <https://www.eventbrite.ca/e/rethinking-workplace-waste-tickets-141850812599>

Moving Mountains (Regeneration Society)

www.moving-mountains.ca

Multiple sessions from March 20 to 27, 2021 (visit moving-mountains.ca for exact times)



Regeneration Society, through Moving Mountains, has partnered with The City to offer **FREE** online active learning workshops on climate change and climate action, including sessions for families with children, young adults, and climate leaders of all ages.

All sessions are 60 minutes, unless indicated otherwise.

To register or for more details visit moving-mountains.ca.

March 20, 2021

10:00 a.m. Climate change for Families and Kids

1:00 p.m. Climate change for Families and Teens

March 25, 2021

10:00 a.m. CPAWS Action Challenge: Climate Solutions

1:00 p.m. Elders Patrick and Patsy Daigneault, Nehiyaw (Cree) stories

7:00 p.m. Draw Down Alberta: Crowdsolving climate solutions

March 26, 2021

10:00 a.m. CPAWS Climate Game Changers

1:00 p.m. Tessa Baily Teslin Tlingit Stories

6:00 p.m.- 6:30 p.m. Bumbleberry Wellness: Ecological Meditation

7:00 p.m. Alberta Community and Cooperative Association: Cooperatives and climate action

March 27, 2021

10:00 a.m. CPAWS Action Challenge: Climate Solutions

10:00 a.m. Indigenous knowledge and how we use and adapt to climate change with Api'soomaahka (William Singer III), Kainai (Blackfoot Confederacy)

11:00 a.m. Climate change for families and kids

12:00 p.m. Duane Mistaken Chief (Kainai Elder, Blackfoot Confederacy) Stories

1:00 p.m. CPAWS Climate Game Changers

1:00 p.m. – 2:30 pm University of Calgary: What is your place in climate action?

2:00 p.m. Holliston Logan (Metis Region 3) and Blair Russell (Kainai): Indigenous understandings of climate

2:00 p.m. – 5:00 p.m. Virtual Coffee House (Music & spoken word live stream)

3:00 p.m. Climate change for Families and Teens

3:00 p.m. Climate change in your kitchen: cooking and food security

* A self-guided Indigenous land-based Learning video walking tour with Kainai Elder Duane Mistaken Chief will be available at moving-mountains.ca beginning March 25, 2021.

12:00 pm to 1:00 pm March 25, 2021



Solar PV from install to profits

Are you considering installing solar PV on your home? Want to learn the fastest way to start getting a payback from your solar installation?

Join us to learn about:

- the solar installation process from one of Calgary's fastest growing solar companies,
- traditional and new financing mechanisms available for your solar array,
- And about how to maximize your profits through unique utility incentives for Solar PV owners.

Event registration link: <https://solaralberta.ca/event/solar-pv-from-install-to-profits/>