



Program

Day 1 | October 11th, 2023

8:30-9:00am | Registration and Morning Refreshments

9:00-10:15am | Opening Ceremony and Plenary Session

Keynote Speaker: **Professor Kai Chan**, Connected Human and Natural Systems Lab, University of British Columbia

10:15-10:45am | Coffee Break

10:45am-12:15pm | Concurrent Panel Sessions

P1: Bridging the Disclosure Divide: Trends and Best Practices in Sustainability Communication and Reporting

Moderator: **Wesley Gee**, The Works Design Communications Ltd.

P2: Changing the Channel: Transdisciplinary Knowledge Co-Production and Its Opportunities

Moderator: **Ayako Ariga**, Committee on the Environment, Climate Change and Sustainability at U of T

P3: Hope-filled Whole School Climate Action in Elementary & Secondary Schools

Moderator: **Michèle Andrews**, DoorNumberOne.org

P4: Decarbonization Roadmap: Overcoming Challenges and Harnessing Innovative Technology and Financing Solutions for Sustainable Transformation

Moderator: **Amy Geisberger**, Siemens Canada

P5: Ontario Grid, Challenges and Opportunities

Moderator: **Shatha Qaqish-Clavering**, Climate Positive Energy

P6: Defining Regenerative Hospitality

Moderator: **Anika de la Flor**, Four Seasons Hotels and Resorts

P7: From Incremental to Transformative Change: Adapting Strategic Management Practices in Response to Complexity

Moderator: **Randy Sa'd**, REFOCUS & Flourishing Enterprise Institute, Wilfrid Laurier University

W1: Aboriginal Petroglyphs Teachings; Mother Earth and Humanity

Curve Lake First Nation Council; **Alison Canning**, Let's Get Together

W2: Engaging Stakeholders to Advance Climate Change Education through Action

Jennifer Stevens, Learning for a Sustainable Future

12:15-1:30pm | Lunch and Keynote

Keynote Speaker: **Jaime Hart**, Associate Professor, Department of Environmental Health, Harvard

1:30-3:00pm | Concurrent Sessions

CA1: Love, Planetary Citizenship, and Sustainability

Chair: **Prof. Blake Poland**, Dalla Lana School of Public Health, University of Toronto



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Presenters:

1. **Ian Lipton**. *Love and Consciousness: The Dawning of the Age of Sustainability*,
2. **Halyna Zalucky**. *All We Need is Love*,
3. **Rajat Panwar**. *How can love for nature guide corporate sustainability efforts*,
4. **Stephen Scharper**. *Love Is the Method: Intimations of a Compassionate Ecology*.

CA2: Information and Communications Technologies (ICTs) and the Consequences for Sustainability

Chair: **Prof. Brett Caraway**, Institute of Communication, Culture, Information, & Technology, University of Toronto Mississauga

Presenters:

1. **Aderibigbe Oluwayemi Bosedede**. *Impact of Information and Communication Technology on Mobility of Urban and Rural Households: A Comparative study from Nigeria*,
2. **Brian Sutherland**. *EX Design and Solar ICT Devices*,
3. **Akshat Chopra**. *Digital Sustainability: Analysing Influence on Governance and Corporate Communications*.

CA3: Spatial Analysis for Terrestrial Ecosystems

Chair: **Prof. Yuhong He**, Geography, Geomatics and Environment, University of Toronto Mississauga

Presenters:

1. **Daniel Nelson**. *Deep Learning Driver Analysis of Wildfires in the Central Yukon*,
2. **Jingxue Zhang**. *Remote sensing of landscape genetics across large-scale spatial scales*,
3. **Haoran Cheng**. *Distinguishing the relative contribution of climate change and human activities on urban vegetation dynamics in the Greater Toronto-Hamilton Area using Google Earth Engine*.

CA4: Agricultural Sustainability and the Anthropocene

Chair: **Prof. Damian Maddalena**, Geography, Geomatics and Environment, University of Toronto Mississauga

Presenters:

1. **Haripriya Gundimedda**. *Application of Systems thinking approach to address the Water, Food and Sustainability Nexus*,
2. **Jennifer Holzer**. *Using leverage points theory to understand payments to farmers for providing ecosystem services*,
3. **Brandon H. Gilroyed**. *Sustainable Management of Livestock Mortalities using a One Health Approach*.

CA5: Disclosures of Sustainability Performance Information

Chair: **Prof. Yue Li**, Director of the Master of Management and Professional Accounting, University of Toronto Mississauga.

Presenters:

1. **Mieraf Tesfahun Birhane** and **Tadele Tesfay**. *The Assessment of Factors Affecting Information Communication Technology (ICT) Project Success at Ethio telecom*,
2. **Cameron McGlade-Bouchard**. *Assessing the Legitimacy of Sustainability Standard Programs in the Mining and Minerals Sector*,
3. **Arash Ghorayshi**, *UTM Climate Positive Campus Action Plan*,
4. **David Billedeau**. *Assessing the Impact of the SDGs on Corporate Social Investment: A Study of Canada's Leading Private Sector Companies*.

CA6: The Future Wave: Youth and Climate Advocacy

Chairs: **Prof. Praneeta Mudaliar**, Department of Geography, Geomatics, and Environment, University of Toronto Mississauga and **Beverly Ayeni**, Senior Manager, Sustainability and Energy Management, University of Toronto Mississauga

Presenters:

1. **Praneeta Mudaliar**. *The Future Wave: Youth and Climate Advocacy*,
2. **Jinru Pan**. *Reciprocal relationship in community-based learning and engagement of youth in advocacy*,
3. **Rav Singh**. *Shade of Miti*,



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4. **Lauren Ead.** *Exploring Student Perspectives on Environmental Justice: A Case Study at the University of Toronto Mississauga.*

CA7: Sustainability in Teaching

Chair: **Prof. Tingting Zhu**, Department of Geography, Geomatics, and Environment, University of Toronto Mississauga

Presenters:

1. **Kim Ceulmans.** *Sustainability in Curriculum Development,*
2. **Kate Whalen.** *Tackling Complex Sustainability Challenges through Interdisciplinary and Experiential Learning,*
3. **Daniel Gulanowski.** *Exploring the Impact of Online Discussion Boards on Teaching and Learning: Insights from Undergraduate Business Courses.*
4. **Valerie Lin.** *Sustainability Modules in Experiential Learning.*

CA8: B-Corps and Social Enterprise

Chair: **Prof. Ann Armstrong**, Director, Social Enterprise Initiative, Rotman School of management, University of Toronto

Presenters:

1. **Ellen Berry.** *Can Social Enterprise Law Fulfill Its Promise? Findings from a National Study of U.S. Benefit Corporations;*
2. **Akshat Chopra.** *Sustainability in MSMEs of India: Scientometric and Bibliometric Analysis & Future Roadmap for Communication*

3:00-3:30pm | Coffee Break

3:30-5:00pm | Concurrent Sessions

CB1: Love, Planetary Citizenship, and Sustainability

Chair: **Ian Lipton**, The Carbon Accounting Company & University of Toronto Mississauga

Presenters:

1. **Blake Poland.** *Love Disguised as the Relational Turn in Sustainability Science;*
2. **Emily Smit.** *For the love of regenerative homes;*
3. **Robert Case.** *We protect what we love: What battles against corporate water bottling tell us about the struggle for sustainability;*
4. **Angel Kennedy.** *Fuelling connection, love and sustainability by coming together as a whole*

CB2: Information and Communications Technologies (ICTs) and the Consequences for Sustainability

Chair: **Prof. Brett Caraway**, Institute of Communication, Culture, Information, & Technology, University of Toronto Mississauga

Presenters:

1. **Samar Sabie.** *Exploring Equity Gaps in Energy Modelling Approaches to Deep Building Retrofits,*
2. **Youssef Al Bouchi,** *The Political Ecology of Bolivia's State-Led Lithium Industrialization for Post-Carbon Futures,*
3. **Aditi Bhatia.** *Transformation of the Digital Payment Ecosystem in India: A Case Study of Paytm.*

CB3: Spatial Analysis for Terrestrial Ecosystems

Chair: **Prof. Yuhong He**, Geography, Geomatics and Environment, University of Toronto Mississauga

Presenters:

1. **Hwang Lee.** *Assessing the spectral response of the red-edge region between healthy and water-stressed beans on urban greenroofs using remote sensing,*
2. **Yanyu Wang.** *Mapping the vegetation disturbance regimes of Tibetan Plateau mapping using Landsat time series,*



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3. Eric Xu, Marry Wei, Tiffany Li, Jennifer Gao, Victor Lei, Nathan Wang. *Understanding Burn Severity and Vegetation Recovery in Alberta's Boreal Forests: A Remote Sensing Time Series Study Following the 2016 Fort McMurray Wildfire*

CB4: Sustainability in Higher Education

Chair: TBA

Presenters:

1. Jiawei Liu. *Evaluating non-conventional SDG education programs in higher education,*
2. Jennifer Summer. *Learning to be affected: Moving theory to practice and action for sustainability,*
3. Magnus Wallén. *Experiences from managing and coordinating an interdisciplinary graduate research school,*
4. Jitendra K Das. *Integrating the CSR Sustainability Approach to education for Sustainable Development – An Indian Experience*

CB5: Architecture, Design, and Sustainability

Chair: TBA

Presenters:

1. Paul Raff. *An architects approach to sustainability,*
2. Obafemi Olukoya. *Environmental Sustainability and Beyond: A Critical Reflection on the Plural Lessons from Vernacular Architecture,*
3. Angelika Seeschaaf Veres. *Signs of Change 2023-2057: Training organisational resiliency through activating extreme climate futures through speculative design.*

CB6: Sustainability Experiences from Asia

Chair: TBA

Presenters:

1. Erwin S. Embuscado. *Responding to the UN SDGs: The Role of Development Finance Institutions (The ASKI Experience),*
2. Cayra Tansey. *Climate Resilient Communities - Lessons from the Low-Rise Building Project in Metro Manila, Philippines,*
3. Atri Nautiyal. *What are voices made of? Rethinking Development Induced Displacement of Indigenous tribes in Uttarakhand, India from a multi-stakeholder perspective,*
4. Bhagawat Rimal. *Forest restoration, biodiversity and ecosystem functioning in Nepal.*

CB7: Sustainable Transportation and Energy Systems

Chair: TBA

Presenters:

1. Lina Kattan. *A Fair and Efficient Transit Signa Priority (TSP) in Connected Vehicale (CV) Environment: A Dynamic Bargaining Game Approach,*
2. Md. Idris Ali. *The role of aggregated and disaggregated energy consumption on economic growth in the presence of internal and external dynamics: Cointegration and counterfactual analysis approaches,*
3. Pierre Desroches. *Intermittency, Location and Energy Transitions: A Critique of Andreas Malm's Water to Coal Thesis,*
4. Hannah MacRae. *The Use of Green Bond in Financing Energy Efficiency Retrofits in Buildings.*

CB8: Law and Sustainability

Chair: Prof. Laurel Besco, Geography, Geomatics and Environment, University of Toronto Mississauga

Presenters:

1. Jae Page. *Green Colonialism,*
2. Chloe Kapanen. *Addressing Plastic Pollution: Regulatory Approaches for a Circular Economy,*
3. Matt Reesor. *Making Lemonade: Lessons from past environmental crises and their applications to corporate climate action,*



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4. Hosea Patrick. *Understanding Community-centered Perspectives and lived experiences in energy transition norms.*

Day 2 | October 12th, 2023

9:00-10:30am | Plenary Session

Accounting Profession and Sustainability

Keynote Speaker: Prof. Peter Easton, Director of the Center for Accounting Research and Education (CARE), Notre Dame Alumni Professor of Accountancy, Mendoza College of Business, University of Notre Dame

10:30-11:00am | Coffee Break

11:00am-12:30pm | Plenary Session

Valuation of Natural Resources and Environmental Assets (Session 1)

12:30-1:45pm | Lunch and Poster Presentations

1:45-3:15pm | Plenary Session

Valuation of Natural Resources and Environmental Assets (Session 2)

3:15-3:30pm | Break

3:30-5:30pm | Peel Sustainable Innovation Challenge and Keynote

Keynote Speaker: Dan Kershaw, Executive Director, Furniture Bank

Presentations

Five Finalists of Peel Sustainable Innovation Challenge

5:30-7:30pm | Networking Panels and Refreshments

Day 3 | October 13th, 2023

9:00-10:15am | Plenary Session

Keynote Speakers: Prof. Una Chaudhuri, Dean of the Humanities; Professor of English, Drama, and Environmental Studies, Tisch School of the Arts, New York University

and

Prof. Marina Zurkow, Tisch School of the Arts, New York University

10:15-10:45am | Coffee Break

10:45am-12:15pm | Concurrent Panel Sessions



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P9: Empowering a Sustainable future through UN SDGs Challenge-Based Learning

Moderator: [Robert Martellacci](#), Founder and President, MindShare Learning

P10: Trends and Best Practices in Sustainability Communication

Moderator: [Wesley Gee](#), The Works Design Communications Ltd.

P11: Setting Goals & Measuring Whole School Climate Action Impact in K-12 Schools

Moderator: [Michèle Andrews](#), DoorNumberOne.org

P12: Stories of Sustainability in Action: Lessons from across the tri-campus

Moderator: [Kristy Faccor](#), Director, Climate Change and Sustainability, University of Toronto

P13: Climate Data Practices in the Greater Toronto Area

Moderator: [Robert Soden](#), Toronto Climate Observatory, University of Toronto

P14: Building Inclusive and Sustainable Communities

Moderator: [Marwan Ismail](#), Polycultural Immigrant Community Services

W3: Two Sisters on a Mission

[Fatima Sultan and Amna Sultan](#), Two Sisters on a Mission

W4: Defining Regenerative Hospitality

[Uzair Jaffer](#) and [Ian Lin](#), Four Seasons Hotels & Resorts

W5: Having Tea with our Lizard Self

[Halyna Zalucky](#), ReEarthing

12:15-1:30pm | Lunch and Keynote

Keynote Speaker: [Linda Varangu](#), Senior Advisor Climate Change, Canadian Coalition for Green Healthcare

1:30-3:00pm | Concurrent Sessions

CC1: Love, Planetary Citizenship, and Sustainability

Chair: [Jae Page](#), PhD Candidate, Geography, Geomatics and Environment, University of Toronto Mississauga

Presenters:

1. [Sunita Singh Sengupta](#). *Vedic Principles of Environmental Management in the Context of Modern Eco-System Management*,
2. [Rosemary Boissonneau](#). *Knowledge as Loving Gift of the Land: A Non-Extractivist Reading of Genesis 3*,
3. [Jennifer Holzer](#). *Could highly sensitive people be an untapped font of sustainability leadership?*,
4. [Melissa Nursey-Bray](#). *Pathways to knowledge co-existence: Indigenous and Western knowledge management and integration in Australia*,
5. [Amit Lahiri](#). *Sustainability Action Lab (SAL): Designing Curriculum by Embedding Experiential Learning*.

CC2: Interrogating the Links Between Economic Growth, Development, and Sustainability

Chair: [Prof. Brett Caraway](#), Institute of Communication, Culture, Information, & Technology, University of Toronto Mississauga

Presenters:

1. [Hui Huang Hoe](#). *Production and Waste Valorization from Tailings and Chemical Emissions using Renewable Electricity*,
2. [Claus Yanchuan Shao](#). *Economic growth facilitates household fuel use transition to reduce PM2.5-related death in China*,



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3. Leah Feor. *Critical reflection: the role of sustainability management in addressing systems, boundaries, and governance challenges,*

4. Emmanuel Kwablah Apiors. *Effects of Call Centre Services on Mobile Money Participation in Ghana.*

CC3: Eco-Anxiety: Roots and Shoots

Chair: Prof. Stephen Scharper, Department of Anthropology, and School of the Environment, University of Toronto.

Presenters:

1. Simon Apolloni. *Pedagogies of Hope and Resilience,*

2. Nolan Scharper. *Embodying Eco-Anxiety,*

3. Romila Verma. *Environmental Crisis and Rising Eco-anxiety Amongst Youth: Creating Possibilities through Probing the Disruptions.*

CC4: Collective Action and Sustainability

Chair: TBA

Presenters:

1. Daniel Hoornweg. *The League of Cities: A Sustainability Imperative,*

2. Victor Perez-Amado and Ryan Cheung. *Community Climate Action Hubs: The necessity of equitable public space,*

3. Amanda Mongeon. *Helping Rural Communities Respond to Disruption: Who and how?,*

4. Brooke Sutherland. *Envisioning Post-Fossil Fuel Scarborough: Evaluating Methodologies for Addressing Power Imbalances and Empowering Participants in Participatory Action Research.*

CC5: Sustainable Food Systems

Chair: TBA

Presenters:

1. Jannatul Ferdous. *Sustainability Assessment of Pulse Protein Extraction in Canada Using an integrated framework of process optimization combining Technical, Economic, and Environmental Criteria,*

2. Vivek Agrawal. *Food Waste Imperatives and It's Management Through Community Driven Initiatives,*

3. Vivek Arulnathan. *A systematic review of the potential sustainability implications of extended lay cycles in commercial laying hens relative to current Canadian norms,*

4. Leandra Vanbaelinghem. *Alternative HVAC system considerations for egg industries in temperate climates: A systematic review of current systems, insights, and future directions,*

CC6: Natural Resources and Sustainability

Chair: TBA

Presenters:

1. Changyou Sun. *Legal Environment of Adverse Possession on Forestland and Empirical Evidence from the Past 200 Years in USA,*

2. Qambemeda Masala Nyanghura. *Incentives for Biodiversity Conservation under Asymmetric Land Ownership,*

3. Kaleigh McIntosh. *Spar Cove Restoration: Maintaining Resilience by Expanding Socioecological Stakeholders,*

4. Robert Case. *We protect what we love: What battles against corporate water bottling tell us about the struggle for sustainability.*

CC7: Social and Environmental Equity and Sustainability

Chair: TBA

Presenters:

1. Icha Ravinderpal Kaur Koli. *How Are Equity and Nature Framed through a Multispecies Justice Lens in Municipal Sustainability Plans?,*

2. Elysia G. Fuller-Thomson. *Environmental Inequity of Air Pollution in Hamilton, Canada,*

3. Jack Cheng. *Geography of Volatile Organic Compounds in Hamilton, Ontario,*

4. Laura Tozer. *Equity-Based Energy Retrofits to Address Energy Poverty in Canada.*



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CC8: Opportunities and Challenges Lessons from Transdisciplinary Teaching in Law and Sustainability

Chair: Prof. Laurel Besco, Geography, Geomatics and Environment, University of Toronto Mississauga

Presenters:

1. [Martin Loszynski](#),
2. [Jason MacLean](#)

CC9: Sustainability Accounting and Reporting

Chair: TBA

Presenters:

1. [Sanobar Siddiqui](#). *Sustainability Accounting: A bibliometric analysis to understand the state of research today*,
2. [Elliot Maltz](#). *Is Perfect the Enemy of the Good? The Factors which May Inhibit or Enhance Company Reporting*,
3. [Zabihollah Rezaee](#). *The Importance and Relevance of Business Sustainability Worldwide: Its Education, Practice and Research Implications*.

3:00-3:30pm | Coffee Break

3:30-5:00pm | Concurrent Sessions

CD1: Interrogating the Linkages Between Economic Growth, Development, and Sustainability

Chair: [Prof. Brett Caraway](#), Institute of Communication, Culture, Information, & Technology, University of Toronto Mississauga

Presenters:

1. [Jenny Silliang Cui](#). *Is Air Pollution Benefits Equitably in Peel Region for City-Owned Street Trees?*,
2. [Alireza Ohadi](#). *Sustainability Transition to Low-carbon, Universal Theorization and Regional Practice*,
3. [Jane A. Davis](#). *Examining human activities as an indicator of sustainable development within a zero-growth economy*.

CD2: Eco-(h)ope: Pathways to Enlightening Sustainability

Chair: [Prof. Simon Apolloni](#), School of the Environment, University of Toronto

Presenters:

1. [Lenore Keeshig-Tobias](#). *Song for the Trees: Words of Hope and Healing*,
2. [Carol Gimbel](#). *Strings of Hope: Classical Music and the Sounds of Ecological Empathy*,
3. [Stephen Scharper](#). *From Coping to Hoping: Exploring Spiritual Wellsprings for Engendering Eco(h)ope*,
4. [Genevieve Crispin-Frei](#). *"The Eyes Have It": Facial Artistry and the Discernment of Climate Hope*.

CD3: Environmental Justice and Sustainability

Chair: TBA

Presenters:

1. [Amanda E. Norton](#). *The Intersection of Migration Patterns and Exposure Risk: Air Pollution and Environmental Justice in the Peel Region Over Time*,
2. [Kai Reimer-Watts](#). *Perceptions of climate justice signposts in Waterloo region: A mixed methods qualitative study*,
3. [Madeleine Bonsa-Fisher](#). *Tradeoffs between optimal and spatially equitable bicycle infrastructure placement in Toronto*,
4. [Jennifer Dobbai](#). *Understanding and Addressing Eco-Anxiety Among Youth: Insights from a Scoping Review and Community Psychology Perspective*.

CD4: Market Economies and Sustainability

Chair: TBA



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Presenters:

1. **Elliott Maltz**. *What Really Moves Markets Towards Climate Change Mitigation?: An Empirical Examination of the Roles of Geographic Region and Industry Leaders*,
2. **Pierre Desroches**. *On the spontaneous circularity of market economies. A historical re-assessment.*;
3. **Brett Caraway and Jared Pelter**. *Understanding the Approaches taken by Private Ski Clubs in Southern Ontario to Address Climate Change*,
4. **Ghina Elhaffar**. *The Heterogeneity Revolution in a Greening World: How Behavioral Biases Moderate People's Response to Green Message Construal under Risky and Riskless Decisions*.

CD5: Net-Zero and Decarbonization Strategies

Chair: TBA

Presenters:

1. **Golnaz Mohebbi**. *Examination of the Embodied Carbon (EC) Reduction Potential of Concrete Materials – Case Study*,
2. **Mohammed Abdulai**. *A Climate Lens Approach to Decarbonizing Operations of Ontario Municipalities: Current State and Future Direction*,
3. **Ying Zhou**. *Net-zero futures for cities: Future orientation and climate actions from a Canadian perspective*.

CD6: Multiple Perspectives on Sustainability

Chair: TBA

Presenters:

1. **Emily Dobrich**, *A Critical Examination of the Importance of Women's Leadership for Sustainability Action with Recommendations for Practice*,
2. **Daniel Gulanowski**, *The Role of Migrants in International Knowledge Transfer*,
3. **Nurit Carmi**, *Population growth as the elephant in the room: Teachers' perspectives and willingness to incorporate a controversial environmental sustainability issue in their teaching*.

CD7: Sustainability Experiences from Africa

Chair: TBA

Presenters:

1. **Hosea Patrick**, *Climate Change, Water Security and Conflict Potentials in South Africa: Assessing Conflict and Coping Strategies*,
2. **Gavin Hilson**, *A blueprint for sustainable small-scale mining in sub-Saharan Africa*,
3. **Cynthia Kumah**, *Formalizing Small-Scale Mining in Sub-Saharan Africa: A Route for Empowering Women?*.

W6: Tech4All - How to Refurbish Computers through Community Empowerment

Alison Canning, *Let's Get Together*

5:00pm | End of Conference

**Please note that only names of presenters appear in the preliminary program, all authors will be included in the final program available in the fall.*