



ENGAGING ECONOMIES OF CHANGE

OFFICIAL CONFERENCE PROGRAM

MAY 22-25, 2019
CIGI CAMPUS
WATERLOO, ON

CANADIAN SOCIETY FOR ECOLOGICAL ECONOMICS
12TH BIENNIAL CONFERENCE

ENGAGING ECONOMIES OF CHANGE

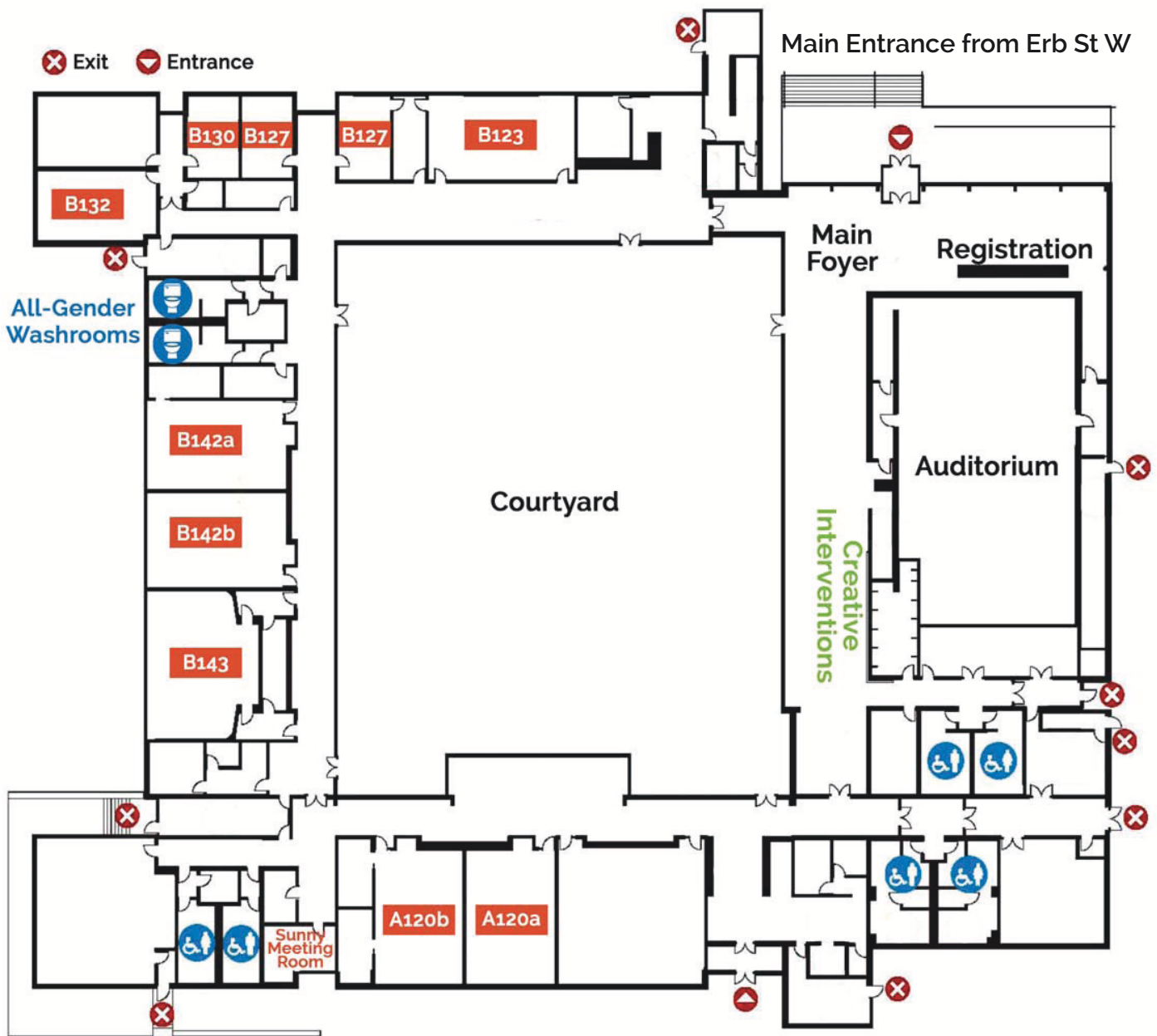
CONFERENCE VENUE

CIGI Campus, 67 Erb Street West, Waterloo, ON Canada N2L 6C2

WIFI INFORMATION

NETWORK: CAMPUS_GUEST

PASSWORD: THINKTANK



LAND ACKNOWLEDGEMENT

Indigenous Peoples foster unique and enduring relationships with the land, since time immemorial. We acknowledge that we are hosting our conference on the traditional territories of the Attawandaron or Neutral, Anishinaabe, and Haudenosaunee peoples. We are also occupying land promised to the peoples of the Six Nations in the Haldimand Tract, six miles on either side of the Grand River.

We express gratitude and appreciation to the Indigenous Peoples who live with and care for the land. A land acknowledgment is an intentional space to reflect on the ongoing colonial legacies of Canada and the ways in which settlers, ourselves included, continue to perpetuate and benefit from this colonial violence. This acknowledgement is also a small step in a larger commitment to take responsibility in the task of unsettling, though we are at very early, humble stages in this process. We are thankful for leaders in education about Indigenous Peoples, colonial histories in Canada and other settler states, and decolonization. We appreciate the emotional labour of those educating settlers and offering guidance on the way forward for decolonizing, unsettling, and reconciliation.

For more information on land acknowledgements and to learn about the local Indigenous Peoples, please visit:

<http://waterloo2019.cansee.ca/land-acknowledgement>

"To think about land activation and land acknowledgement is to remember that there are these rich Indigenous governances that still exist, that are ongoing and that will go into the future"

- Karyn Recollet, an urban Cree woman and a professor at the University of Toronto's Women and Gender Studies Institute



THE CANADIAN SOCIETY for Ecological Economics

Ecological Economics is the study of relationships and interactions between economies and the ecosystems that support them. It is an interdisciplinary collaboration of economics, ecology and other social and natural sciences that aims to understand what sustainability is and how it can be achieved.

Across sectors, jurisdictions, political spectrums, generations and disciplines, an ever-greater constituency is demanding an equitable and sustainable global transition to a low-carbon economy. The Canadian Society for Ecological Economics (CANSEE) is a national network of scholars, business leaders, policy makers, and environmental organizers that aims to foster, develop, and promote the understanding of the economy's interaction with – and dependence on – the environment, through research, education, and policy analysis.

CANSEE aims to increase the awareness and exchange of knowledge on priority issues relating to interactions and dependencies between the economy and the environment; facilitate the application of Ecological Economics to decision-making in the public and private sectors and in civil society; and, support an increase in the number of Canadians with expertise and skills in these subject areas to contribute to a transdisciplinary approach to complex problems. CANSEE's priority is to deepen awareness and strengthen the agency of all actors to explore alternative models to economic policy.

We enthusiastically encourage scholars, business leaders, educators, policy-makers, activists, and change-makers alike to join the CANSEE membership and take part in this active community. Note that the Society's Annual General Meeting will be held on the Saturday of the conference, from 11:50am to 1:20pm in the Auditorium.

Join CANSEE:

www.cansee.ca/contact/join-cansee/

Learn more about Ecological Economics:

<http://www.cansee.ca/about/about-ecological-economics/>



MESSAGE FROM CONFERENCE CO-CHAIRS

Dear Participants,

It is an absolute pleasure to welcome you to Engaging Economies of Change, the 12th edition of the Canadian Society for Ecological Economics biennial conference. For the last 18 months, the organizing committee has been working with the CANSEE Board, financial sponsors, institutional supporters, local allies, and volunteers to make this dream a reality. We have been blessed with an incredibly dedicated team, and could not have done this without them - thank you!

Our planet and all who share our common home are facing unprecedented challenges that require innovative and collaborative solutions. We recognize that current forms of economy are unable to address these pressing issues, and actively further these harms. The call to engage in economies of change challenges us to critically reflect on standard approaches and underlying assumptions. We acknowledge that many alternatives already exist, and must be analyzed, critiqued, and scaled.

As emerging Ecological Economics scholars, we are excited by the field's critique, energized by the depth and breadth of its analysis, and eager to see its ideas implemented. As such, we have big dreams for the conversations that will happen over the next four days. We want the research network to build connections beyond the boundaries of the academy and engage in increasingly meaningful ways with the practicalities of building and implementing change.

We hope to maintain a vigorous and robust approach to scholarship through debate with ideas that do not necessarily 'fit' within the boundaries we may wish to draw around Ecological Economics so that we can question our assumptions and learn to better defend them. This means we are all likely to spend some time being uncomfortable in the next four days, as we run up against viewpoints that challenge us to really think and question our own positions. We hope we can do this work together, with conscientiousness and compassion, making the experience all the richer.

All of these dreams are impossible without your help. Thank you to all our guests for joining us on this journey of learning, reflecting, and action.



Sophia Sanniti, MES
VP Programs, CANSEE
PhD Student, Sustainability
University of Waterloo



Caleb Gingrich Regehr, MSc
Program Officer, CANSEE



MESSAGE FROM THE CANSEE PRESIDENT

Cher(e)s participant(e)s,

C'est avec grand plaisir que l'équipe de la Société canadienne d'économie écologique vous accueille pour cette conférence biannuelle. Un travail colossal a été réalisé par l'équipe de l'Université de Waterloo menée par Sophie Sanniti et Caleb Gingrich Regehr, et ce tout au long de la dernière année. Je les en remercie grandement et j'espère vivement que vous apprécierez votre expérience durant ces quatre jours.

The collapse of biodiversity and climate puts humanity in a state of emergency. While our scientific approach to think about and build a sustainable, respectful, and fair world for humans and all living beings has always been relevant, today it is essential. As scientists working at the interface of the natural and social sciences, we are strategically placed to assist civil society to make a necessary ecological transition. In this sense, I invite you to continue thinking about innovative and original approaches, but also to think about communicating your work and the principles of ecological economics as widely as possible. We are in an era where scientists can no longer be content to just conduct their research, but must engage in their community to bring positive change.

Profitions de cette conférence pour faire le plein d'idées, renouveler notre motivation à agir et renforcer nos collaborations. Merci de votre présence et bonne conférence,



Jérôme Dupras, Ph.D.

Président de la Société canadienne d'économie écologique
Professeur d'économie écologique,
Université du Québec en Outaouais



WELCOME TO WATERLOO REGION



Waterloo Region is built on a strong heritage of connecting communities and bringing families together. Made up of three vibrant cities and four pastoral townships, there is significant movement in the area towards new ways of conducting economic and social relationships that extend beyond conventional approaches. Waterloo Region is thus an ideal location to host the biennial CANSEE conference, providing a living example of some of the diverse ways to engage in economies of change. Located in the heart of Southwest Ontario, Waterloo Region sits at the crossroads of innovation and tradition:

"Imagine a place where you can glimpse into the future through the cutting edge of technology or back in time to horse-drawn buggies. Imagine the excitement of big-city life with world-renowned festivals and attractions, and yet being close enough to escape into the stillness of the surrounding countryside. It's all here."

- explorewaterlooregion.com/region-of-waterloo/

Waterloo Region is home to many sustainability champions in industry, government, civil society, and NGOs. These include the municipal governments, Sustainable Waterloo Region, Living Wage Waterloo Region, Mennonite Central Committee, the Community Energy Development Co-op, Mennonite Economic Development Agency, The Working Centre, REEP Green Solutions, Council of Canadians K-W Chapter, Transition KW, and St. Jacob's Farmer's Market - Canada's largest year-round market.

We encourage our conference participants to explore and enjoy all that Waterloo has to offer. This includes Waterloo Park, featuring 45 hectares of parkland and a number of amenities including the Eby Farmstead, the Grist Mill, a skatepark, and several picnic and event areas. Participants are also encouraged to visit UpTown Waterloo, the urban heart of Waterloo home to over 450 businesses of which 75% are independently owned, representing over 6,000 employees. Visitors can learn more about the area by taking The UpTown Loop (<https://www.waterloo.ca/en/living/trails.aspx#Uptown-Loop>), a series of three self-guided walking tours that include many points of interest such as parks, public art displays, and significant architecture.



Region of Waterloo



OUR HOSTS

Message from the Balsillie School of International Affairs

The Balsillie School of International Affairs (BSIA) is very pleased to have this opportunity to partner with the Canadian Society for Ecological Economics in its 12th Biennial Conference. The conference theme—Engaging Economies of Change—is very much in accord with the BSIA's objectives. The School is an institute for advanced research, education, and outreach in the fields of global governance and international public policy. As a hub in a global network of scholars, practitioners and students, our mission is to develop new solutions to humanity's critical problems, to improve global governance now and in the future, and to contribute to enhancing the quality of people's lives around the world.

Founded in 2007 by entrepreneur and philanthropist Jim Balsillie, the BSIA is an equal collaboration among the Centre for International Governance Innovation (CIGI), the University of Waterloo, and Wilfrid Laurier University. The two universities employ BSIA faculty and offer BSIA's academic programs, while CIGI, as a think tank, uses its in-house expertise and its worldwide network of practitioners to help inform and guide BSIA's outreach and collaborative research. One of the School's seven research clusters focuses on the environment and resources.

The School wishes CANSEE every success for its conference. We hope you will pass on information about the high quality graduate programs that we host at the School.

John Ravenhill, Ph.D.
Director, Balsillie School of International Affairs



**BALSILLIE SCHOOL
OF INTERNATIONAL AFFAIRS**

CENTRE FOR INTERNATIONAL GOVERNANCE INNOVATION

**Centre for International
Governance Innovation**

CIGI is an independent, non-partisan think tank with an objective and uniquely global perspective. Our research, opinions and public voice make a difference in today's world by bringing clarity and innovative thinking to global policy making. By working across disciplines and in partnership with the best peers and experts, we are the benchmark for influential research and trusted analysis.

Our research programs focus on governance of the global economy, global security and politics, and international law in collaboration with a range of strategic partners and have received support from the Government of Canada, the Government of Ontario, as well as founder Jim Balsillie.

MESSAGE FROM EQUITY AND INCLUSION LEADS

We thank you for joining us at Engaging Economies of Change. We hope to work together to build a brave space for meaningful dialogue over the next few days – and beyond! For the organizing committee, the past year has been an exercise of thinking deeply and envisioning a conference that promotes diversity, inclusivity, and equity. Challenging dominant paradigms requires learning from mistakes, unlearning harmful norms, and challenging our own privileges. We conducted research on accessibility and anti-oppression to guide our decision-making. We are indebted to the care, patience, and emotional labour of many who offered guidance and inspiration in this process.

The conference itself embodies change in several ways. Including pronouns on name-tags and all-gender washrooms acknowledges and respects gender diversity. Thanks to your collaboration in completing the registration forms, you made us aware of potential barriers to full participation so that we could work to remove them. The conference aims to accommodate any physical or dietary needs. Our fundraising allowed us to mitigate financial barriers to access for participants. We provide free child care to alleviate the burden of labour that inhibits parents (usually women) from participating in conferences. The space is smudged by an Indigenous elder to ensure that all participants feel safe and welcome. Volunteers and organizers are trained by an expert on anti-oppression and inclusivity. Co-constructed by participants and organizers, the community guidelines are here to help everyone live the change. Finally, a trained counsellor is available to all who may want a listening ear to process their experiences during the conference.

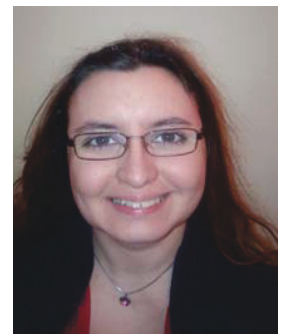
The change we envision also involves honouring the knowledge and wisdom of Indigenous Peoples. We are in the humble beginnings of building relationships with the Indigenous Peoples on whose land we reside, and we are honoured that many have chosen to join us at CANSEE 2019. We understand this a process. These are all early steps in our journey towards an Ecological Economics that truly promotes change within and beyond academia. We warmly invite you to share your concerns and ideas with us, to work together toward more sustainable and equitable futures. We look forward to growing and learning together.



Sarah-Louise Ruder
Sarah-Louise Ruder, HBSc
Equity and Inclusion Lead

Alice Damiano

Alice Damiano, MA
Equity and Inclusion Lead





INDIGENOUS PRESENCE

It is imperative to make space for Indigenous perspectives in any conversation for meaningful change in so-called Canada. We offered free registration to all who self-identify as Indigenous, to express gratitude and to alleviate barriers to participation.

We are honoured to be hosting the following Indigenous keynote speakers: Dr. Deborah McGregor, an Anishinaabe woman from Whitefish River First Nation, Birch Island, Ontario; Eriel Tchekwie Deranger, a proud Denesuline Indigenous woman and member of the Athabasca Chipewyan First Nation, Treaty 8 Northern Alberta; and, Dr. Ronald Trosper, a member of the Confederated Salish and Kootenai Tribes of the Flathead Indian Reservation, Montana.

On Thursday, NishDish, a First Nations Owned and Operated Food Emporium, is serving a Traditional Anishnawbe Feast. We have also partnered with two Indigenous women to help us make the conference safe and welcoming for everyone, both Indigenous and Settler.

Lila Bruyere is an Ojibway woman, originally from Couchiching First Nation and currently residing in Sarnia, Ontario. She is an educator, public speaker, social worker, and residential school survivor. From the age of 6 to 14, Lila attended St. Margaret's Residential School in Fort Frances, Ontario. Today, she travels to share her experience and healing journey. Lila was also chosen to be part of the National Survivors Circle for the Truth and Reconciliation Commission. She holds a Bachelor of Social Work from Carleton University and a Master's in Social Work from the Aboriginal Field of Study program at Wilfrid Laurier University.

With over 15 years of counselling experience, she joins us at the conference to offer support to delegates as we engage in difficult conversations. Lila welcomes delegates to participate in a smudging ceremony around 4:45 pm on Wednesday, May 22 to learn and start the conference in a good way.

Kelly Fran Davis is a member of the Cayuga Nation, Haudenosaunee Confederacy of the Six Nations territory. Currently, Kelly teaches in the faculty of education at Wilfrid Laurier University and is the Cultural Program Coordinator for Kitchener's own Healing of the Seven Generations. She has been sharing Haudenosaunee traditions, offering spiritual counselling, advocating for the Truth and Reconciliation Commission Calls to Action, and educating for the better part of her life.

She will be joining us with her middle son, Jacob, to open the conference with a Thanksgiving Address and song to bring us to a good place in our minds to start the conference. Jacob has shared his language and songs since the age of 9, with opening a Youth & Elders conference with Tom Porter as the keynote speaker for his first engagement. Jacob will then sing a women's song in line with the Haudenosaunee practice of holding women in high esteem.



BUILDING A BRAVE SPACE

Engaging Economies of Change demands a 'brave space' that enables all participants to have deep and honest conversations about creating substantial societal change. We are actively seeking to avoid reproducing patterns of colonization, patriarchy, racism, transphobia, homophobia, classism, and marginalization or oppression in general. We aim to foster a community where all participants feel valued and accepted for who they are, but this requires an effort from all participants!

Acknowledging our privileges and taking responsibility for change is often uncomfortable, but **discomfort can also be fruitful**. We won't all feel comfortable at all times—and that is okay! Our goal is that if anyone feels uncomfortable, it's because they are challenged to reconsider their views, and not because they are attacked for who they are.

To accomplish this, we have drafted a set of community guidelines that will be used to enhance our engagement at the conference based on participant contributions in the registration form.

COMMUNITY GUIDELINES

Respect Differences: Welcome and value diverse perspectives and identities. Take responsibility for the intent and impact of your words, recognizing your privilege.

Listen Attentively: Challenge yourself to listen more than you speak. Actively listen to understand, rather than to respond.

Speak Thoughtfully: Be clear and concise (e.g., avoid jargon when possible). Please be considerate of sharing time during both presentations and question periods.

Be Willing to Learn: Acknowledge your values and visions, but be ready to have them challenged. Assume good intentions in others. Exercise compassion in challenging others' ideas.

Be Open to Discomfort: Conversations about sensitive topics are challenging, but avoidance makes the issues grow. Engaging economies of change will require disruptive thinking beyond comfort zones.

Recognize Social Dynamics: Keep conversations open. Everyone should feel welcome, but not forced, to join. Make and protect space for marginalized people.

Respect Your Needs: Be gentle with yourself. Feel free to follow the needs that may spontaneously arise (e.g., time alone to decompress, conversations outside the panels, etc.).

If you notice someone disrespecting these guidelines, you can gently let them know and direct them here. We welcome feedback. Participants can make anonymous suggestions in the box at the registration table or online at: <https://tinyurl.com/CANSEEFfeedback>

#SOMETHINGDIFFERENT

The complex, interrelated challenges we collectively face on climate, finance, justice, ethics and policy require robust, transdisciplinary research informed by real-world insights. Yet, prevailing discourses on sustainable development and political change are entrenched in economic norms and assumptions that cannot account for the interdependencies of planetary and societal health. This conference aims to radically change the conversation around the priorities for environmental and social justice, while simultaneously disrupting some of the core conventions surrounding the mobilization and dissemination of academic research.



Live-streaming of All Keynote Presentations

Extending the conference's reach beyond Waterloo, keynotes will be broadcast for free. Recordings will become teaching tools. The streams and recordings will be available on the David Suzuki Foundation's Science and Education Resource Centre website.



Emphasis on Student Empowerment

CANSEE recognizes the importance of capacity-building for all our members, especially the emerging generation of scholars, educators, and activists. This is the first student-led CANSEE conference. As students, we care about impacting the local community, making connections, generating ideas, inclusion, and finding new ways to keep us all engaged! Students from Laurier Music are featured at the conference reception, and recent graduates of Conestoga College's event management program are helping to coordinate conference logistics. Partnering with Boothroyd Communications, CANSEE also provided a hands-on workshop for all grad students on effective communication with key audiences including government, industry, and the general public.



Child Care Provided

There's nothing like trying to think while keeping your child safe and happy. So everyone can participate, licensed professionals and volunteers will take care of the kids!



Creative Interventions

Conference participants were encouraged to submit artwork or other creative interventions. In the main foyer of the venue, the photography exhibit *Stories from our Roots* will be displayed. This exhibit is a province-wide project that uses photography as a medium for Indigenous youth to tell their own stories, for self-expression, and to spark larger discussions on the issues they are facing. Poems were also submitted by a graduate student hoping to reflect with the public on the current state of the human-Earth relationships, connecting with participants at a deep, emotional level.

EMPHASIZING DIALOGUE

To enhance the conference experience, CANSEE has made several explicit and innovative choices in order to strengthen and expand the dialogue.



Flash Talks

Presenters in these sessions are given 5 minutes to make their case, followed by twenty minutes of discussion with participants to tease apart these issues in real time. This offers participants a more in-depth conversation while allowing the majority of the audience to experience a greater range of topics.



Keynote Panels

In order to facilitate constructive and productive dialogue at the conference, all keynotes have been organized into panels based on the conference sub-themes. Panelists will discuss, debate, and advance some of the most pressing topics related to sustainability.



Media Partners: Continuing the Conversation

Women & Environments International Magazine will publish a special issue on our event's novel approaches and the conversations that emerge. The David Suzuki Foundation will host the recordings of the keynote presentations on their website.



PUBLIC EVENT SERIES: GOING BEYOND THE CONFERENCE

Community Maker Night

We have the power to make what we need! A family-friendly event in partnership with Waterloo Public Library, community members are invited to craft, re-purpose, and repair. Activities include beeswax wraps, pinmaking, starting seeds, reusable gift bags, cardboard arcades, games, and live music!



Public Lecture: *Economics for a burning planet: Challenging the logic of a growth economy*

To cultivate a more inclusive conversation, we are hosting a free evening lecture in partnership with the Centre for International Governance Innovation. The lecture challenges the growth assumption embedded in Sustainable Development Goal #8: sustained, inclusive, and sustainable economic growth.



Mural Painting

Collective action is important, especially for building community. In partnership with RISE Waterloo Region, CANSEE is facilitating a community mural painting in Waterloo Public Square to offer quality time to creatively think and critically reflect on the issues discussed during the conference: come to absorb, digest, and express.





MATERIAL FLOWS AT #CANSEE2019

In the spirit of doing things differently, we took time to reflect on the food systems in which we take part and which businesses we want to champion at the conference. We are proud to serve food from a community of food partners, in line with the vision and values of Engaging Economies of Change. Our choices intentionally prioritize community & sustainability.

"If it came from a plant, eat it; if it was made in a plant, don't. "
- Michael Pollan

We are eating with the planet in mind. In addition to choosing local and minimizing waste, we are serving a plant-based menu. Still, we acknowledge that dietary choices are a privilege and there are ongoing traditions of harmonious relationship with land and food systems, including Indigenous practices of fishing, hunting, and growing food. We also worked with our food partners to cut ties with Big Food. For example, you will notice that we are not serving Coke or Nestle products, opting for local lemonade in glass bottles and water to refill your reusable bottles. Thank you to all food and beverage partners at CANSEE 2019!



NISHDISH

Your Friendly Neighbour Since Always, NishDish Marketeria is a Toronto-based restaurant serving traditional Anishnawbe food and products by local First Nations artisans. By preparing Indigenous cuisine and engaging communities, NishDish actively reclaims Indigenous food history and First Nations culture.

Vert Catering is a Toronto-based catering company that specializes in vegan cuisine. As the first catering company to use plant-based tableware, Vert offers years of professional experience to create wholesome meals out of local and organic food sources.



VERT
casse-
croûte



Seven Shores sits at the heart of the local food scene in Uptown Waterloo. Among a diverse menu, they are renown for their treats baked in-house. Community-owned and operated, the vibrant cafe represents the epitome of social and sustainable ventures as it strives to be people, rather than profit, oriented.

The Yeti Café is a Kitchener-based restaurant that fosters a sense of community and a love of good food. The menu includes delicious plant-based options, prioritizing local foods. They are well-loved by the Region of Waterloo, 'Voted Best Breakfast in Waterloo Region' four times over!



Since 1994, Ray Woodey has been perfecting his craft, making fresh kettle chips in Uptown Waterloo. Ray focuses on bringing farmers and eaters closer together, using only locally grown potatoes. The chips are sliced, cooked, seasoned, and bagged right in front of you!

Together We're Bitter Co-operative Brewery is a multi-stakeholder co-operative in Kitchener that makes hand-crafted beer in an enjoyable and inclusive space. Beers are inspired by various worldwide styles and infused with quality, creativity, and care.



Founded by a fifth-generation French winegrower, Château des Charmes is a charter member of Sustainable Winemaking Ontario. Sustainable practices include geothermal wine cellars, composted manure as fertilizer, greywater reuse for lawns and gardens, and the use of natural cork.

All coffee and tea served at the conference is Fair Trade and Organic Certified thanks to UW Catering's commitments to Fair Trade principles including fair labour conditions, community development, and environmental sustainability. We also partnered with the University of Waterloo's Plant Operations to facilitate the management of all organic, recyclable, and garbage waste produced at our event. Plant Ops works hard to ensure Waterloo maintains one of the lowest energy consumptions per unit area among Ontario universities for 20 years.



ENGAGING ECONOMIES OF CHANGE

CONFERENCE THEME

Climate change, resource scarcity, deepening inequalities, volatile geo-politics and growing economic instability all threaten our wellbeing, now and in the future. These challenges require interdisciplinary economics research that is informed by real-world situations and creates useful solutions. This conference will explore the relationship between the economy, the environment and social justice in order to advance policy-relevant alternative economic models. The theme recognizes that many solutions already exist, and need to be understood and replicated. To accomplish this, partnerships between academics and front-line practitioners will be emphasized.

Subthemes

The organizing theme for the conference is purposefully broad. In order to organize the discussion, presenters were invited to orient their contributions around one of the following subthemes. These subthemes flesh out the conference focus, and orient the conversation. A keynote panel discussion will be held for each of these subthemes in order to provide a common point of departure for discussion which will continue into the breakout sessions throughout the day.



Graduate students attending the first biennial CANSEE student symposium focused on research development, team-building, and leadership in July 2018.

SUBTHEMES

Biophysical and Social Systems

A classic Ecological Economics research area including national and regional material and energy accounting, and policy approaches to environmental taxation and payments for ecosystem services.



Defining Political and Ethical Relationships

Situating Ecological Economics as a political practice, we acknowledge that socio-ecological problems involve differential power relations between humans, species, and generations. Seeking adaptive ethical and political frameworks, we collaborate with history, anthropology, sociology, and political ecology.



Allies & Partnerships Outside the Academy

This sub-theme sparks a dialogue with non-profit leaders, elected officials, industry representatives, indigenous groups, activists, and labour movements whose thinking and doing relates to the empirical findings, theoretical frameworks, and philosophical underpinnings of ecological economics.



Complexities of Change

We use systems science to explore the dynamics of a low-carbon transition. How does a constant material throughput impact extending empathic circles, equality, and social justice? We articulate cascading effects and unintended consequences in the coevolution of social, political, and biophysical systems.



Currency, Markets & Value(s)

Financial instruments play a critical role in contemporary economic institutions and will be a driving force for the low-carbon transition. This sub-theme analyzes money creation, alternative currencies, ontological understandings of money and how an economy might handle pluralist understandings of 'value'.



Communities of Care Beyond Markets and States

Returning economic study to the original meaning of oikonomia – management and care of the common home – we escape from the modern notions of economics which focus on market exchange outside the household. This sub-theme will explore the diverse extra-market economies and non-market logics that emerge and persist within and outside of capital relations.



KEYNOTE PANELS

Feminist & Indigenous Ecological Economics

Evening, Wednesday May 22

Sustainability? Feminism? Equality? What do these ideas have to do with economics, and what does it mean to build an economics from the ground up based on these principles? This panel will consider how the tools of ecological economics, and research efforts of ecological economists, can directly benefit the important work of Indigenous communities who are on the front lines of climate change and extractivism in Canada.

Moderated by: Nico Kosoy, Associate Professor of Natural Resources Sciences, McGill University (& Next President of CANSEE)



Eriel Tchekwie Derenger

Executive Director
Indigenous Climate Action



Susan Paulson

Professor
Gender Studies and Political Ecology
University of Florida



Ronald Trosper

Professor
Indigenous Economics
University of Arizona

Ethics and Politics in Ecological Economic Practice

Morning, Thursday May 23

The challenges we collectively face are not merely technical, but are ethical, political, and cultural in nature. Members of this panel will outline the significant implications of ecological economics as a political practice, which must be incorporated into the work of scholars and activists alike. This demands radically alternative skill sets for how we know, think, and relate to one another and to nature in a post-growth society.

Moderated by: Susan Paulson,
Professor, University of Florida



Jem Bendell*

Professor
Sustainability Leadership
University of Cumbria



Jessica Dempsey*

Professor
Political Ecology
University of British Columbia

**Note: Some keynote presenters are presenting via teleconference in order to reduce GHG emissions. They are Jem Bendell, Jessica Dempsey, Mario Giampietro, and Giorgios Kallis*

KEYNOTE PANELS

Degrowth and Ecomodernism: Divergent Futures?

Afternoon, Thursday May 23

Will technology save us? Is it enough to invest in further innovation and free markets? Do we need to fundamentally rethink our relationship to technology, wealth, economic systems, and the rest of the planet we live on? Mr. Nordhaus represents a leading think tank of techno-optimists dedicated to engaging meaningfully with ideas counter to their own. Mr. Kallis is the degrowth theorist most deeply analyzing and responding to the arguments for a techno-utopian future. Their conversation with each other won't be anything other than fascinating.



Giorgos Kallis*

Degrowth Scholar
Universitat Autònoma de
Barcelona



Ted Nordhaus

Executive Director
Breakthrough Institute

Moderated by:

Katharine Zywert

PhD Candidate of Medicine in the Anthropocene

Public Lecture: Economics for a Burning Planet

Evening, Thursday May 24

The United Nations Sustainable Development Goals (SDGs) were adopted in 2015 as a collective action plan for UN Member States to ensure a more peaceful and prosperous world by 2030. Sustainable Development Goal 8 focuses on building sustainable economic growth, ensuring decent work for all, and addressing labour market inequality. However, in the context of a finite planet experiencing climate breakdown, some experts see inherent inconsistencies in this goal. A particular point of conflict is the idea that economic growth is necessary to address the imbalances that exist in access to the market. This panel will explore alternative approaches to sustainability that address the desired outcomes of SDG 8, including the 'degrowth' movement.

Moderated by: James Boothroyd,
Boothroyd Communications



Eriel Tchekwie Derenger

Executive Director
Indigenous Climate Action



Deborah McGregor

Professor
Osgoode Hall
York University



Leah Temper

Research Associate
Leadership for the Ecozoic
McGill University



Peter Victor

Professor Emeritus
Faculty of Environmental Studies
York University



KEYNOTE PANELS

Financing the Transition

There's no two ways about it: a transition to a socially just low-carbon sustainable economy will be expensive. And business is often seen as standing in the way. Ralph Hall and Jennifer Clapp will discuss the complex dimensions of transitioning the industrial state.

Moderated by: Joe Ament, Gund Graduate Fellow, Rubenstein School of Environment and Natural Resources, University of Vermont



Jennifer Clapp

Canada Research Chair
Global Food Security and Sustainability
University of Waterloo



Ralph Hall

Director
School of Public and International Affairs
Virginia Tech

Morning, Friday May 24

Wicked Tensions of Transition

Members of this panel will tease out the 'wicked tensions' that persist between the biophysical and social realities of sustainability on a finite planet. Can the priorities of social justice advocates be achieved in the context of ecological overshoot?

Moderated by: Sam Bliss, Gund Graduate Fellow, Rubenstein School of Environment and Natural Resources, University of Vermont



Mario Giampietro*

Complexity Researcher
Socioeconomic Systems
Universitat Autònoma de Barcelona



Katie Kish

Postdoctoral Researcher
Economics for the Anthropocene
McGill University

Afternoon, Friday May 24

KEYNOTE PANELS

Green Politics and the Right: Possible Alliance?

Morning, Saturday May 25

Come hear the municipal government leader of a small rural Ontario county committed to eliminating poverty, achieving zero waste, and 100% renewable energy discuss the journey to making these commitments. Then Sociology Professor Stephen Quilley and the Ontario Green Party's Director of Outreach Paul Gregory will imagine a new political landscape: What would make (rural) conservatives and petrol-heads vote Green? Is there a way for Greens to ride the populist wave and escape the constraining binary logic of left(liberal) versus right? Hannah Renglich will discuss the dimensions of settler politics on occupied territories.

Moderated by: Jodi Koberinski, MES, University of Waterloo



Paul Gregory
Director of Outreach
Green Party of Canada



David Mayberry
Mayor
South-West Oxford



Stephen Quilley
Associate Professor
Social and Environmental Innovation
University of Waterloo



Hannah Renglich
Learning and Engagement Manager
Canadian Community Economic
Development Network

Caring for the Commons

Afternoon, Saturday May 25

Exploring the diverse extra-market economies and non-market logics that persist outside of relations of capital, we return economic study to the original meaning of oikonomia – management and care of the common home – and escape from the modern economics of market exchange outside the household. Members of this panel discuss a vision for reconstituting relations based on principles of care and cooperation.

Moderated by: Patricia E. Perkins, Professor, York University's Faculty of Environment



Bengi Akbulut
Assistant Professor
Geography and Environment
Concordia University



Joe Mancini
Head and Co-Founder
The Working Centre

Overview Schedule

	Wed May 22	Th May 23	Fri May 24	Community Day! Sat May 25	
9:00 am		Politics and Ethics Keynote	Finance Keynote	Allies and Partnerships Keynote	Keynotes
9:30 am					Flashtalks
10:00 am					Concurrent presentations
10:30 am		Flash Talks	Flash Talks	Coffee & Snacks	Other
11:00 am		Coffee & Snacks	Coffee & Snacks	Flash Talks	Public Events
11:30 am		FT Breakout	FT Breakout		
12:00 pm		Concurrent sessions	Concurrent sessions	FT Breakout	CANSEE AGM
12:30 pm				Lunch (Provided)	
1:00 pm	Grad Student Workshop				
1:30 pm		Lunch (Provided)	Lunch (Provided)	Concurrent Sessions	
2:00 pm					
2:30 pm		Ecomodernism & Degrowth Keynote	Complexity Keynote	Coffee & Snacks	
3:00 pm				Concurrent sessions	
3:30 pm		Coffee & Snacks			
4:00 pm					
4:30 pm	Smudging Ceremony	Concurrent sessions	Concurrent sessions		
5:00 pm			Communities of Care Keynote		
5:30 pm			Closing		
6:00 pm	Opening Ceremony			Maker Event	
6:30 pm					
7:00 pm	Opening Keynote	Public Lecture: Economics for a Burning Planet			
7:30 pm					
8:00 pm					
8:30 pm	Networking				
9:00 pm					

Registration desk is open 12:00pm - 9:00 pm on Wednesday, and 8:00 am - 6:00pm Thursday through Saturday

Wednesday May 22



12:00 pm - 9:30 pm Lobby	Registration
1:00 pm - 4:00 pm B-142	Graduate Student Workshop <i>Strategic Message Framing for Emerging Ecological Economists</i> Join James Boothroyd of Boothroyd Communications in a hands-on workshop on framing compelling narratives that resonate with key audiences including members of industry, government, and the general public. This workshop is open to all students registered for the CANSEE 2019 conference.
4:45 pm Lobby	Smudging Ceremony
6:00 pm - 6:30 pm Auditorium	Opening Ceremonies
6:30 pm - 8:00 pm Auditorium	Keynote: Feminist and Indigenous Ecological Economics Ronald Trosper • Susan Paulson • Eriel Tchekwei Derenger
8:00 pm - 9:30 pm Lobby	Conference Reception & Networking

There is a trained counsellor on site for the duration of the conference available to debrief and process. Contact the registration desk if you would like to speak to her.

Thursday May 23

<p>8:00 am - 6:00 pm Lobby</p>	<p>Registration <i>The registration and help desk will be staffed all day</i></p>
<p>9:00 am - 10:00 am Auditorium</p>	<p>Keynote: <i>Politics and Ethics in Ecological Economic Practice</i> Jem Bendell* • Jessica Dempsey*</p>
<p>10:00 am - 10:10 am</p>	<p>Transition</p>
<p>10:10 am - 11:00 am Auditorium</p>	<p>Flash Talks</p>
<p>11:00 am - 11:20 am Lobby</p>	<p>Coffee & Snack Break (provided)</p>
<p>11:20 am - 11:40 am</p> <p>B123</p> <p>B127</p> <p>B142a</p> <p>B132</p> <p>B125</p> <p>B142b</p> <p>B143</p> <p>B130</p>	<p>Flash Talk Breakout Sessions</p> <p><i>The use of arts-based symbolism to build a movement and support a broader culture of sustainability – Kai Reimer-Watts</i></p> <p><i>Trade-offs in tourism and well-being in the fishing community of Picinguaba, Brazil – Ana Carolina Esteves Dias</i></p> <p><i>Community Energy Investment Strategy: Towards Energy Independence – Matthew Day</i></p> <p><i>The Sustainability of Battery Electric Cars: Lifecycle Analysis in GHG Emissions and Costs – Yixin (Candice) Chen</i></p> <p><i>Climate Change Governance in Conventional Agricultural Systems – Lisa Ashton</i></p> <p><i>Gender and Climate Justice in Canada – Patricia E. Perkins</i></p> <p><i>Sharing the floodplains in a conservation conflict context: a fertile ground for adaptive governance? – Ann Lévesque</i></p> <p><i>Imagining the unknown, navigating to transformation – Nina Smolyar</i></p>
<p>11:40 am - 11:50 am</p>	<p>Transition</p>

**Note: Some keynote presenters are presenting via teleconference in order to reduce GHG emissions. They are Jem Bendell, Jessica Dempsey, Mario Giampietro, and Giorgios Kallis*

Thursday May 23



<p>11:50 am - 1:20 pm B127</p>	<p>Special Session</p> <p><i>Performing Community Economies: How to play with and against the system. Decision dilemmas experienced by the Building 7 collective</i></p> <p>Marc D. Lachapelle</p>
<p>11:50 am - 1:20 pm B142a</p>	<p>Special Session</p> <p><i>Allying with Indigenous Communities</i></p> <p>Jen Gobby and Jaydene Lavallie</p>
<p>11:50 am - 1:20 pm B132</p>	<p>Special Session</p> <p><i>Brewing up sustainability transitions: How craft beer breweries construct sustainability-oriented niches</i></p> <p>Christopher Luederitz, Aleksandra Szaflarska, Rich Hrytzak</p>
<p>11:50 am - 1:20 pm B142b</p>	<p>Interrogating market-based mechanisms for ecosystem services</p> <p><i>Design and implementation of market-based instruments for water quality management: Case of nutrient offsets</i> – Marina Puzyreva</p> <p><i>Preferences of agricultural producers of payment for ecosystem services contracts</i> – Chloé L'Ecuyer-Sauvageau, Charlene Kermagoret, Jérôme Dupras</p> <p><i>Encouraging the co-production of ecosystem services: the role of institutional bricolage in the implementation of collective action incentives in three agricultural communities in Québec</i> – Alejandra Zaga Mendez, Vijay Kolinjivadi, Jean-François Bissonnette, Jérôme Dupras</p> <p><i>Unpacking impact? Questioning the epistemic underpinnings of current impact evaluations in Payments for Ecosystem Services</i> – Gert Van Hecken, Vijay Kolinjivadi</p>
<p>11:50 am - 1:20 pm B125</p>	<p>Economic inequality and material impacts</p> <p><i>Towards Eliminating the Wealth Gap</i> – Garvin H. Boyle</p> <p><i>Ecological Economics and Distributive Justice: Learning from Resource Movement</i> – Molly Fremes</p> <p><i>Invisible Hand or Ecological Footprint? Comparing Social vs. Environmental Impacts of Recent Economic Growth</i> – Gregory Mikkelsen</p>

Thursday May 23

11:50 am - 1:20 pm
B143

Transition management for Ecological Economics

Fostering Self-Transcendence Values and Value-Congruent Decisions in Water Governance by Playing Serious Games - Learning from Aqua Republica – Laura Gilbert, Steven Jean, Wietske Medema, Jan Adamowski, Kat Kavanagh

Oh the Things You Can't Think: Viability of Systemic Transition in Ecological Economics – Kaitlin Kish, David Mallery

Economic Growth Quality, Environmental Sustainability, and Social Welfare in China – Xi Ji

11:50 am - 1:20 pm
B123

"Sustainable Development" for Ecological Economics

A scenario-based analysis of the implementation of Sustainable Development Goals (SDGs) by 2050: A case study of Iran – Mojgan Chapariha

In the Era of Sustainability Reporting: Are the current reporting frameworks working? – Amr ElAlfy

Making the Case for Ecological Economic Trade Policy Development – Shaun Sellers

Market-Based Instruments (MBIs) for Implementing Sustainable Community Plans (SCPs) – Ying Zhou, Amelia Clarke, Stephanie Cairns

1:20 pm - 2:20 pm
Lobby

Lunch (provided)

2:20 pm - 3:50 pm
Auditorium

Keynote: Degrowth and Ecomodernism: Divergent Futures?

Giorgios Kallis* • Ted Nordhaus

3:50 pm - 4:10 pm
Lobby

Coffee and Snack Break (provided)

Thursday May 23

<p>4:10 pm - 5:40 pm B132</p>	<p>Special Session <i>Agent-Based Modeling of Social Innovation, Resilience, and Opinion Dynamics</i> Kirsten Wright, David Robinson, Terry Stewart, Mark Tovey, Sean Gobey</p>
<p>4:10 pm - 5:40 pm B142a</p>	<p>Special Session A Radical Agenda for Ecological Economics (1) <i>Shedding New Light on Old Debates: From unspoken assumption to articulated theory of change</i> – Jen Gobby <i>Relationalism contra Realism contra Relativism</i> – Katharine Farrell, David Mallery, Barbara Muraca <i>Panarchy in the Pluriverse: A call for a pluriversal ethic</i> – Megan Egler <i>A word on the latest Ecological Economics Special Issue</i> – Katie Kish, Josh Farley</p>
<p>4:10 pm - 5:40 pm B142b</p>	<p>Special Session: Social-metabolism of Islands <i>The Weight of Islands: “You can’t manage what you can’t measure”</i> – Johnella Bradshaw, Simron Singh <i>Can the Caribbean live within the Doughnut? Assessing the social and environmental performance of 5 island nations</i> – Wei Jia, Simron Singh, Michael Wood <i>Measure to Manage: A transdisciplinary outflow study of Grenada’s waste management system</i> – Allison Elgie <i>Dynamics of Socioeconomic Metabolism on Islands: Material Stock and Flows of The Bahamas</i> – Francisco Xavier Felix Martin del Campo, Tara Atleo, Sisir Pradhan <i>A Material Vulnerability Account of Building Services in Grenada from a Spatial Perspective</i> – Kristen de Koon, Johnella Bradshaw</p>
<p>4:10 pm - 5:40 pm B127</p>	<p>Special Session <i>The Policy Compass for Ecological Economics</i> Michele Friend, Ana Mulio-Alvarez, Nicole McLernon</p>

Thursday May 23

4:10 pm - 5:40 pm
B125

Alternative business; finance, currency and exchange

The Global Financial System as a Pseudo-Ecosystem – Garvin H. Boyle
Green Lending in Bangladesh: The connection between green lending and banking performance – Olaf Weber, Reza Chowdury
Organizing, designing, and forming the centers of Grameen Bank and its products implementation strategies in Bangladesh – Kazi Abdur Rouf
Corporate Visibility in Print Media and Corporate Social Responsibility – Frank Li

4:10 pm - 5:40 pm
B143

Responding to climate change from an Ecological Economics lens (1)

Changes in the Carbon Footprint of Ontario Diets
– Basak Topcu / Goretty Dias
The Economics of Climate Change Migration: An Untold Story
– So Youn Kim
The Ethical and Financial Case for Fossil Fuel Divestment
– Truzaar Dordi
Collaboration for change: The partnership to achieve Canada's first Zero Carbon Office Building – Paul Parker

4:10 pm - 5:40 pm
B123

Coupled social and ecological systems: governance strategies

Social-ecological system governance: The case of Isla Mayor, an intensive rice-producing region of Spain
– Sherman Farhad, Miquel Gual, Esteban Ruiz-Ballesteros
Participatory Governance in Conservation – Aleksandra Szaflarska
How to represent complex decision-making processes regarding wetland restoration in Québec – Céline Jacob, Jérôme Dupras
Evaluating the Cost-Effectiveness of Wetland Restoration Scenarios in the Lynn River Black Creek Watershed of Norfolk County, Ontario
– Laura Hopkins

7:00 pm - 9:00 pm

Public Lecture: *Economics for a Burning Planet: Challenging the Logic of the Growth Economy*

Leah Temper • Peter Victor
Deborah McGregor • Eriel Tchekwei Deranger

Note: all attendees must [reserve a place](#) at the public lecture if they wish to attend

Friday May 24

<p>8:00 am - 6:00 pm Lobby</p>	<p>Registration <i>The registration and help desk will be staffed all day</i></p>
<p>9:00 am - 10:00 am Auditorium</p>	<p>Keynote: <i>Financing the Transition</i> Ralph Hall • Jennifer Clapp</p>
<p>10:00 am - 10:10 am</p>	<p>Transition</p>
<p>10:10 am - 11:00 am Auditorium</p>	<p>Flash Talks</p>
<p>11:00 am - 11:20 am Lobby</p>	<p>Coffee & Snack Break (provided)</p>
<p>11:20 am - 11:40 am</p> <p>A120b</p> <p>B123</p> <p>B143</p> <p>B132</p> <p>B142b</p> <p>B142a</p> <p>B125</p> <p>A120a</p>	<p>Flash Talk Breakout Sessions</p> <p><i>A Monetary Theory of Value – Joe Ament</i></p> <p><i>Assessing economic value of private land forest diversity using Norfolk County as a case study: an illustration from piloting a choice experiments in the Greater Toronto Area (GTA) – Shabnam Mustari</i></p> <p><i>Building networks of community care in times of ecological and economic change: How care farming improves health across scales – Katharine Zywert</i></p> <p><i>A Mindful Approach to Engaging Sustainable Economies – Kira Jade Cooper</i></p> <p><i>Living to Spend Another Day: Exploring Resilience as a New Fourth Goal of Ecological Economics – Conrad Stanley</i></p> <p><i>Reconsidering the work of nature: implications, risks, opportunities – Matthew Burke</i></p> <p><i>Nature Dollars (\$N), Climate Change and Inequity – Roy Woodbridge</i></p> <p><i>The Impacts of Free Trade and Investment Agreements on Sustainable Development: the Canadian and Mexican Cases – Cynthia Cristina Leal Garza</i></p>
<p>11:40 am - 11:50 am</p>	<p>Transition</p>



Friday May 24

11:50 am - 1:20 pm
B142b

Special Session

Welcome to the Ecozoic!

Shaun Sellers, Catherine Horner, Megan Egler,
Nina Smolyar, Michael Babcock

11:50 am - 1:20 pm
A120a

Special Session

*Challenging Neoclassical Narratives through Education and
Communication about Ecological Economics*

Susan Santone

11:50 am - 1:20 pm
B142a

Special Session

A Radical Agenda for Ecological Economics (2)

*From Bioeconomics to Bioeconomy? Ecological Economics in Times of
Neoliberal Biopolitics* – Barbara Muraca, Emanuele Leonardi

Queering eco-eco – Leah Temper

*Avoiding dualisms in Ecological Economics: Towards a geographically
and historically-informed understanding of humans in nature and the
natures of humanity* – Vijay Kolinjivadi

Social exclusion, survival migration, and place: The splits of market logic
– Luann Good Gingrich

11:50 am - 1:20 pm
B123

Cooperative economies, Union activism, and Community organizing

*Management challenges for purpose-driven co-operatives - The Case
of Union: Sustainable Development Co-Operative*
– Sean Campbell, Aleksandra Szaflarska, Joel Marcus

Implementing Sustainable Community Plans
– Amelia Clarke, Valentina Castillo

*Legal Form as a Determinant of ESG Outcomes in Direct Offering Retail-
Level Impact Investments: A comparative analysis of co-operative, not-
for-profit, and private corporations in Ontario* – Sean Campbell

*Organic food production through intergenerational community gardening
and herbs production for boosting local living economies*
– Kazi Abdur Rouf

Friday May 24

11:50 am - 1:20 pm
B143

Environmental Politics and Political Trends

Economic growth and the environment in Canadian federal politics 1867-2017: evidence from political manifestos – Christopher Orr

War or Global Warming? A critical examination of the politics and ethics of public spending on the military versus climate change in Canada
– Tamara Lorincz

"Win-win-win" or Anti-environmental Populism? Why environmental governance without social justice is failing – James Nugent

Explaining the persistence of economic growth: a review and evaluation
– Christopher Orr

11:50 am - 1:20 am
B132

Responding to climate change from an Ecological Economics lens (2)

Climate Change and the Future of Forest-Grassland Mosaics
– Kathryn Fair, Chris Bauch, Madhur Anand

Increasing functional diversity of the urban canopy for climate tolerance: Potential tradeoffs with ecosystem service provision?
– Sylvia Wood, Jérôme Dupras

Decision making in environmental contexts: How is it challenged by Indigenous perspectives? – Alice Damiano

11:50 am - 1:20 am
A120b

Human well-being redefined: The interface of power relations and meeting fundamental human needs

Understanding Food Consumption Behaviours: Prospects for shifting towards sustainable diets – Kimiya Bahari, Goretty Dias, Jennifer Lynes

The Wicked Problem of Radical Alternatives in the Food System: A Case Study of a "Full-Diet" Community-Supported Farm
– Caitlin Morgan

Power and Positionality: An Ontological Response to Economic Dysfunction – Christopher Edwards

1:20 pm - 2:20 pm
Lobby

Lunch (provided)

2:20 pm - 3:20 pm
Auditorium

Keynote: *Wicked Tensions of Transition*

Mario Giampietro* • Katie Kish

Friday May 24

<p>3:20 pm - 3:40 pm Lobby</p>	<p>Coffee and Snack Break (provided)</p>
<p>3:40 pm - 5:40 pm B142b</p>	<p>Special Session <i>Food is Healing: The story of Nihtaauchin (Chisasibi Center for Sustainability) and its journey to food sovereignty</i> Ioana Radu, Gabriel Snowboy, Bertie Wapachee, Émilie Parent</p>
<p>3:40 pm - 5:40 pm B125</p>	<p>Special Session <i>Taking collaborative action on climate change: A hands-on exploration of the problem space</i> Liliana Camacho</p>
<p>3:40 pm - 5:40 pm B143</p>	<p>Special Session <i>Ecological Law: Key Themes and Recent Developments</i> Geoffrey Garver, Hillary Hoffmann, Lynda Collins, Michelle Maloney, Ivan Vargas Roncancio, Carla Sbert, Emille Boulot, Nina Smolyar</p>
<p>3:40 pm - 5:40 pm B142a</p>	<p>Special Session <i>CIRCLE – Creating spaces for dialogue and shifting worldviews toward more sustainable living</i> Kara Klassen, Jennifer Ball</p>
<p>3:40 pm - 5:40 pm B132</p>	<p>Special Session <i>Systems Changes, Environmental Deterioration</i> David Ing, David Hawk</p>
<p>3:40 pm - 5:40 pm B127</p>	<p>Special Session <i>Shifting Argument Culture: Connection Practice for Academics, Activists, and Transdisciplinary</i> John Adams, Peter Benjamin</p>
<p>3:40 pm - 5:40 pm B123</p>	<p>Special Session <i>(The) State(s) of Complexity</i> Perin Ruttonsha, Kirsten Wright, Truzaar Dordi, Katharine Zywert, Jude Kurniawan, Jonathan Hui</p>

Saturday May 25

<p>8:00 am - 6:00 pm Lobby</p>	<p>Registration <i>The registration and help desk will be staffed all day</i></p>
<p>9:00 am - 10:30 am Auditorium</p>	<p>Keynote: <i>Green Politics and the Right: Possible Alliance?</i> Stephen Quilley • Paul Gregory David Mayberry • Hannah Atkinson Renglich</p>
<p>10:30 am - 10:50 am Lobby</p>	<p>Coffee & Snack Break (provided)</p>
<p>10:50 am - 11:40 am Auditorium</p>	<p>Flash Talks</p>
<p>11:40 am - 11:50 am</p>	<p>Transition</p>
<p>11:50 am - 12:10 am</p> <p>B125</p> <p>B142a</p> <p>B142b</p> <p>B143</p> <p>B127</p> <p>B132</p> <p>B123</p> <p>B130</p>	<p>Flash Talks Breakout Sessions</p> <p><i>Good Green Death Project</i> – Susan Koswan</p> <p><i>Order Beyond Discipline and Methodology? Contrasting Formulations of the Intellectual Goals of Transdisciplinary Ecological Economics</i> – Ben Dube</p> <p><i>How and why to study non-market food systems</i> – Sam Bliss</p> <p><i>Accounting for Cultural Significance: Valuation for conservation and sustainable development in indigenous traditional territories</i> – Tara Atleo</p> <p><i>Eco-Literacy Workshops for Non-Faculty Staff: An Ethic of Care and a Domain-Based Moral Education Approach</i> – Paul Bartlett, John Ruppert, Milena Popov</p> <p><i>Ecological Economics in China: The Origin, Stagnation, and Rejuvenation</i> – Xi Ji</p> <p><i>Employing more people in services won't save the environment</i> – Daniel Horen Greenford, Tim Crownshaw, Corey Lesk</p> <p><i>Modelling the implications of a degrowing material and energy throughput</i> – Étienne Guertin</p>
<p>11:50 am - 1:20 pm Auditorium</p>	<p>CANSEE Annual General Meeting</p>

Saturday May 25

<p>12:10 pm - 1:10 pm Lobby</p>	<p>Lunch (provided)</p>
<p>1:10 pm - 2:40 pm B142a</p>	<p>Special Session <i>Time's Up! Workshopping the 'Gender Question' in Ecological Economics Research and Political Transformations</i> Sophia Sanniti, Sarah-Louise Ruder</p>
<p>1:10 pm - 2:40 pm B142b</p>	<p>Special Session <i>Launch of the Regional Sustainability Corridor (Waterloo Region)</i> Truzaar Dordi, Nicole McCallum</p>
<p>1:10 pm - 2:40 pm B143</p>	<p>Decoupling environmental impact from economic activity: from biophysical flows to dematerialization</p> <p><i>Biophysical Scenario Modelling to 2050</i> – Helmut Haberl, Dominik Wiedenhofer, Fridolin Krausmann</p> <p><i>Modelling EROI Dynamics in a Stock-Flow Consistent Input-Output (SFCIO) Framework</i> – Martin Sers</p> <p><i>Dematerialization Through Services: Evaluating the Evidence</i> – Blair Fix</p> <p><i>Canada's Biomass Flow, 1961 to 2016: Resource Efficiency, Pollution, and Socioeconomic Drivers</i> – Nafeez Fatima</p>
<p>1:10 pm - 2:40 pm B123</p>	<p>Urban eco-development, waste recycling and management</p> <p><i>Creating Cultures of Sustainability within Green Office Buildings</i> – Stephanie Whitney, Tanya Markvart, Manuel Riemer</p> <p><i>Are social factors driving the urban green infrastructure distribution in Canadian cities?</i> – Félix Landry, Jérôme Dupras, Christian Messier</p> <p><i>Extended Responsibility or Continued Dis/articulation? Critical Perspectives on E-waste EPR Policies from the Israeli-Palestinian Case</i> – John-Michael Davis, Yaakov Garb</p> <p><i>Electronic Waste Recycling by Mumbai's Informal Sector: Transitioning Towards a Lower Impact Formalized Approach</i> – Shaierree Cottar</p>

Saturday May 25



1:10 pm - 2:40 pm
B125

Behavioural change for socio-ecological transformation

De-Abstracting the Human: Impacts of disconnection from body, social relations, and the non-human world – John Adams

Exploring “Ecological Citizenship” as an Alternative Discourse for Sustainability – Amanda Solmes

A Nudge in the Right Direction: Is Behavioural Economics Compatible with Human Values and Sustainability Goals? – Jackie Brown

1:10 pm - 2:40 pm
B132

Alter-Economies of Community Practice

Relational values and environmental education: nurturing communities of care – Natalia Britto dos Santos, Rachelle Gould

Responding to Financialization: Community Investment Funds for Sustainable Food Systems in Nova Scotia and Maine
– Phoebe Stephens

Tools for a Resilient Economy: Perspectives from Toronto Tool Library – Molly Fremes

2:40 pm - 3:00 pm
Lobby

Coffee and Snack Break (provided)

3:00 pm - 4:30 pm
B125

Special Session

Platform Proposal for a CANSEE Nonlinear Accounting Project: The System of Accounts for Global Entropy Production, (SAGE-P), a method to measure the critical path towards a steady-state Low Entropy Fund (LEF) of the Ecosphere[Sociosphere (Econosphere)]

Anthony Friend

3:00 pm - 4:30 pm
B142a

Decolonizing Ecological Economics

Stories from our Roots: A Mental Wellness and Life Promotion Program for all First Nations Youth in Ontario
– Saskia Kwan, Tristen Schneider, Chloe Smith

Educating for Reconciliation in the Economics Classroom – Gerda Kits

Sustainability through Decolonized Design Pedagogy
– Sayeh Dastgheib-Beheshti

Nanabush and Brother Wolf Find Their Freedom – Rosanne Van Schie

Saturday May 25

3:00 pm - 4:30 pm
B132

Special Session

Adaptation to Climate Change and "The New Normal"

Daniel Filippi, Andrea Curley

3:00 pm - 4:30 pm
B123

Ecosystem Valuation in Ecological Economics

Considering others: Exploring the potential for deliberative ecosystem service valuation to support urban environmental justice

– Meaghan Eastwood

If It Pays, It Stays: Economic Valuation of Nature Undermines Long-Term Biodiversity Conservation – Nyssa van Vierssen Trip

La valeur économique des écosystèmes naturels et agricoles de la Communauté métropolitaine de Québec

– Sylvia Wood, Caroline Bergevin, Jérôme Dupras

Estimating Public Willingness to Pay for Sea Turtle Conservation in Terengganu, Malaysia

– Mahirah Kamaludin, Azlina A.A., Muhammad Aqiff Naim

3:00 pm - 4:30 pm
B143

Environmental Justice Conflicts

Violence and Victories: Statistical analysis of outcomes of ecological conflicts from the Global Atlas of Environmental Justice

– Leah Temper / Grace Brooks

The Questionable Impact of Corporate Social Responsibility on Social Development: A Case Study Examination of a Mining Project's Impact on a Rural Agrarian Community in Guatemala – Aviva Silburt

Neoclassical Economics, Intersectionality, and Environmental Justice: Tensions and Possibilities. A Case Study of Housing and Gentrification in Milwaukee, WI. – Phillip Warsaw

3:00 pm - 4:30 pm
B142b

Post-growth futures

The Tech-Fossil Merger: Interrogating the Question of Technology in the Automatocene – Jonathan Hui

The Ethics for an Ecological Economy and a Fair Society as an Actual "Parrhesia" – Pierre Tosi

A Sustainability Science of Living Systems for Political-Economies of Regrowth – Perin Ruttonsha

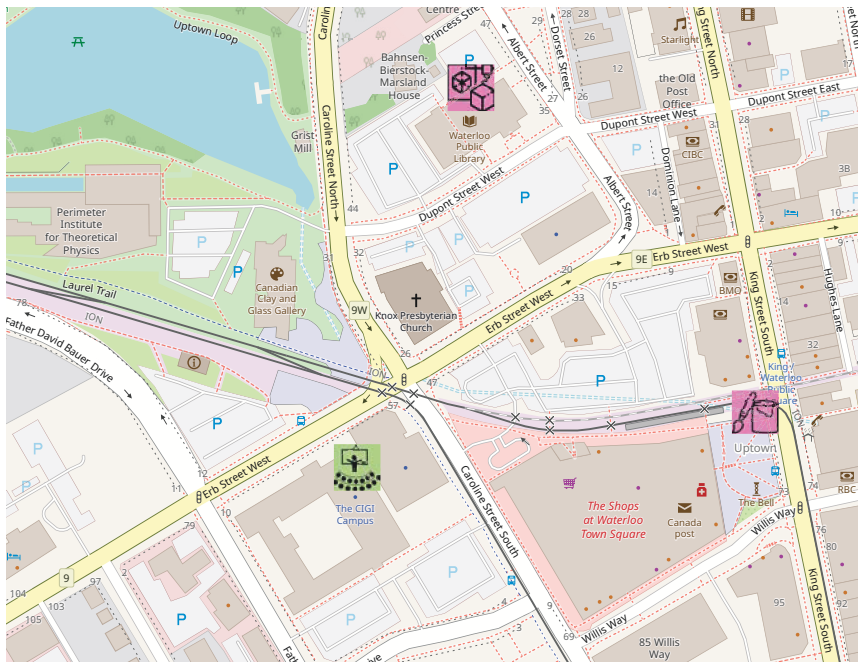
Flourishing Cybernetics: A Proposed Biomimetics Evolution Towards Flourishing Economies through a Changemaker Educator Framework

– Nicole Norris, Jennifer Wilson-Lee, Nadia Abuseif

Saturday May 25

4:30 pm - 4:40 pm	Break
4:40 pm - 5:40 pm Auditorium	Keynote: <i>Caring for the Commons</i> Bengi Akbulut • Joe Mancini
5:40 pm - 5:50 pm Auditorium	Closing Ceremony

6:00 pm - 8:00 pm	<p>Maker Night & Community Mural</p> <p>Join us at the Main Branch of the Waterloo Public Library for a family-friendly evening of crafts, repairing, and repurposing, or head to Waterloo Town Square and paint a community mural in order to absorb, digest, and express all you've taken in at CANSEE 2019</p>
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CIGI Campus
(Conference Venue)
- 
Maker's Night
(Waterloo Public Library)
- 
Community Mural
(Waterloo Town Square)

Acknowledgements

Conference Organizing Committee

Sophia Sanniti
*VP Programs,
Conference Co-Chair*

Caleb Gingrich Regehr
*Program Officer,
Conference Co-Chair*

Sarah-Louise Ruder
*Logistics Lead,
Equity & Inclusion Lead*

Lucy Hinton
Keynote Liaison

Alice Damiano
Equity & Inclusion Lead

Monida Eang
Graphics Lead

Pedro Ildemaro Alguindigue
Social Media Lead

Sayeh Dastgheib-Beheshti
Maker's Night Coordinator

Truzaar Dordi
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Megan Egler
Keynote Content Lead

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Special Thank You

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Master of Ceremonies

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Andreas Link
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Event Managers

Andrea Harding & Suzanne Eaton
CIGI Events

Joanne Weston
BSIA Events

Overview Schedule



	Wed May 22	Th May 23	Fri May 24	Community Day! Sat May 25
9:00 am		Politics and Ethics Keynote	Finance Keynote	Allies and Partnerships Keynote
9:30 am				
10:00 am		Flash Talks	Flash Talks	Coffee & Snacks
10:30 am				
11:00 am		Coffee & Snacks	Coffee & Snacks	Flash Talks
11:30 am		FT Breakout	FT Breakout	
12:00 pm		Concurrent sessions	Concurrent sessions	FT Breakout
12:30 pm				Lunch (Provided)
1:00 pm	Grad Student Workshop	Lunch (Provided)	Lunch (Provided)	Concurrent Sessions
1:30 pm				
2:00 pm		Ecomodernism & Degrowth Keynote	Complexity Keynote	Coffee & Snacks
2:30 pm				
3:00 pm		Coffee & Snacks	Concurrent sessions	
3:30 pm		Coffee & Snacks		
4:00 pm	Concurrent sessions	Concurrent sessions	Communities of Care Keynote	
4:30 pm				
5:00 pm	Smudging Ceremony	Concurrent sessions	Closing	
5:30 pm				
6:00 pm	Opening Ceremony		Maker Event	
6:30 pm				
7:00 pm	Opening Keynote	Public Lecture: Economics for a Burning Planet		
7:30 pm				
8:00 pm	Networking			
8:30 pm				
9:00 pm				

Keynotes
Flashtalks
Concurrent presentations
Other
Public Events

CANSEE AGM

Registration desk is open 12:00pm - 9:00 pm on Wednesday, and 8:00 am - 6:00pm Thursday through Saturday

#SOMETHINGDIFFERENT

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