

**CIREQ Interdisciplinary PhD
Student Symposium on Climate Change**
1 - 2 June 2023

PANEL DISCUSSION
SESSION
WORKSHOP
BREAK

PROGRAM OVERVIEW

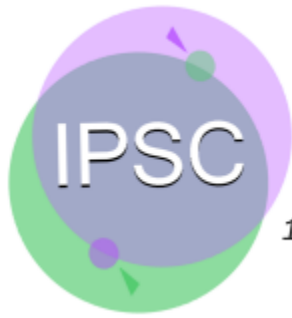
All Sessions in Eastern Standard Time (Montréal) | Online and In-Person

	JUNE 1	JUNE 2
9:30	WELCOME ADDRESS - COFFEE & SNACKS	
10:00	CLIMATE CHANGE IS ALREADY FUELING MIGRATION	DECARBONIZATION AND SUSTAINABLE EVOLUTION
11:00	BREAK	
11:15	CLIMATE RESILIENCE	CARBON SEQUESTRATION
12:00	LUNCH BREAK	
13:00	BIODIVERSITY SYSTEMS	ENERGY TRANSITION
13:45	BREAK	
14:00	RIGHTS AND WRONGS	POSITIVE TRANSFORMATION
14:45	BREAK	
15:00	LIVE PODCAST	COCKTAILS!

Organizers:

Brogan Stewart, Department of Geography, Planning & Environment, Concordia University
Giti Nouri, Department of Building, Civil and Environmental Engineering, Concordia University
Nancy Bouda, Department of Economic Development, Université de Sherbrooke

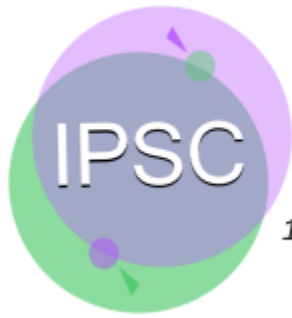
—1 JUIN / JUNE | DAY 1 —



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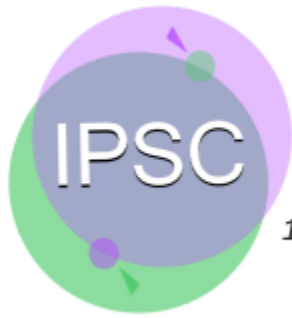
9:30	Mot de bienvenue / Welcome address Dr. Emanuela Cardia (Director, CIREQ) Anna Waclawek (Manager, 4th Space, Concordia University) A word from the organizers	
10:00 - 11:00	TABLE RONDE / PANEL DISCUSSION Climate change is already fueling migration	
	<p>Climate refugees refer to those who have been forced to flee their homes due to the impacts of climate change, either sudden extreme weather events or from gradual changes to their environment such as sea level rise. This panel brings together experts to tackle the intersection between climate change and migration from different perspectives. The role of climate change on migration, policies, people and proposed solutions will be discussed in order to understand the current global response to climate migration, to identify potential gaps in current legal framework, to learn about the work being done to adjust to this increasingly frequent phenomenon and to inform public opinion and build consensus on the pressing issues.</p> <ul style="list-style-type: none"> • Patrick Cloos, Ph.D., Université de Montréal Professor • Robert Mcleman, Ph.D., Wilfrid Laurier University Professor 	
11:00	PAUSE / BREAK	
11:15 - 12:00	CLIMATE RESILIENCE	
11:15	Climate-Resilient Housing for Calgary: Exploring the Potential of Small Greenhouse Living Spaces	<i>Yaser Rahmaniani</i> School of Architecture, Planning and Landscape University of Calgary
11:20	Investigating the impact of global warming on the Arctic cod (<i>Boreogadus saida</i>) using genomic tools	<i>Marie Launay</i> Natural Resources Science McGill University



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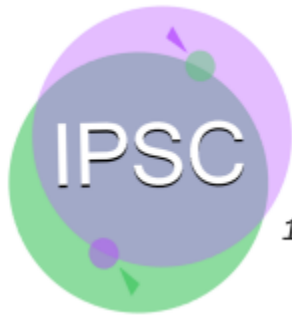
11:25	A Flooded Basement Like in the Movie Parasite: Addressing Contextual Equity in Seoul's Climate Policy with a Transformative Approach	<i>So Youn Kim</i> Global Developmental Studies Queen's University
11:30	Climate Speak: Communication as Climate Action in South Africa	<i>Hanna Ascough</i> Department of Global Development Studies Queen's University
11: 35	Photographing Climate Change: (re)visioning ways of seeing	<i>Laurence Butet-Roch</i> <i>Environmental and Urban Change</i> York University
11: 40	Q&A	
12:00	PAUSE DÎNER / LUNCH BREAK	
13:00 - 13:45	BIODIVERSITY SYSTEMS	
13:00	Étudier les insectes pour mieux penser les villes de demain	<i>Jérémy Fraysse</i> Département de Biologie Université de Sherbrooke
13:05	Taxonomic Classification of Insects to Study Global Biodiversity using Computer Vision	<i>Nicholas Pellegrino</i> Systems Design Engineering University of Waterloo
13:10	An integrated Climate-Biodiversity-Health framework to improve food systems' sustainability	Mohaddese Ghadiri Public Administration University of Victoria
13: 15	Forest Loss for Economic Gain? Deforestation and Structural Transformation in Brazil	<i>Kilian Kamkar</i> Faculty of Economics University of Cambridge
13:20	Q&A	
13:45	PAUSE / BREAK	
14:00 - 14:45	RIGHTS & WRONGS	



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14:00	Environmental assessment of integrating drones with city buses for last mile deliveries	<i>Si Liu</i> DeGroote School of Business MacMaster University
14:05	Examining place-based interventions for Water sustainability performance	<i>Kulsum Fatime</i> School of Architecture, Planning and Landscape University of Calgary
14:10	How Are Public Health Authorities Addressing Climate Adaptation and Mitigation? An Environmental Scan of two provinces using the Consolidated Framework for Implementation Research (CFIR)	<i>Jane Zhao</i> Health Policy University of Toronto
14: 15	Addressing the Questions Associated with Enhanced Rock Weathering	<i>Jonathan Spence</i> Geochemistry/Mineralogy University of Alberta
14: 20	Art and Wastes in Panniqtuqq, NU	<i>Micky Renders</i> Environmental Studies Queen's University
14: 25	Q&A	
14:45	PAUSE / BREAK	
15:00 - 16:30	LIVE PODCAST: Sidewalk Climate Chats	
	The Climate Emergency Committee will be interviewing Ph.D. students from a variety of departments and disciplines on the topic of researching climate change. If you would like to participate, you can register here	
END OF DAY 1		

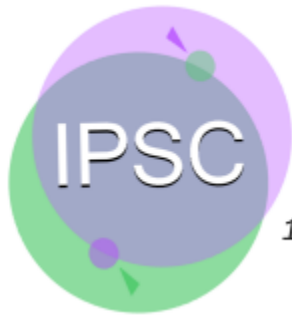


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2 JUIN / JUNE | DAY 2 —

9:30	Mot de bienvenue / Welcome address Anna Waclawek (Manager, 4th Space, Concordia University) A word from the organizers	
10:00 - 11:00	TABLE RONDE / PANEL DISCUSSION Decarbonization and sustainable evolution	
	<p>Decarbonization is the process of reducing carbon emissions into the atmosphere in order to attain climate neutrality. This panel will discuss decarbonization via energy transition. It will explore the opportunities and challenges of a sustainable transition and various aspects of how current technology in the fields of sustainability and renewable energy are influencing related industries. The discussion aims to give information about main concerns including the unpredictability of the future regulatory environment, the potential for financial gain or cost savings in the energy market, or the potential for novel and transformative technologies.</p> <ul style="list-style-type: none"> • Alp Bora, Alp Bora & Co. • Sean Curry, Sol Donum • Frederic Vigeant, Hydro-Québec 	
11:00	PAUSE / BREAK	
11:15 - 12:00	CARBON SEQUESTRATION	
11:15	Application of Lignin as a green alternative reagent in Mineral Processing	<i>Ebenezer Essilfie</i> Interdisciplinary University of New Brunswick
11:20	Central role of nitrogen fertilizer relative to water management in determining direct nitrous oxide emissions from global rice-based ecosystems	<i>Hanxiong Siong</i> Institut des sciences de l'environnement Université du Québec à Montréal



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11:25	Quantifying the contribution of carbon cycle and physical feedbacks to TCRE (a)symmetry	<i>Rachel Chimuka</i> Geography Simon Fraser University
11:30	Expanding Access to Sustainable and Affordable Energy Solutions to Mitigate Greenhouse Gas Emissions: New Climate Policy	<i>Nil Rajeshkumar Patel</i> Electrical and Computer Engineering Concordia University
11:35	Q&A	
12:00	PAUSE DÎNER / LUNCH BREAK	
13:00 - 13:45	ENERGY TRANSITION	
13:00	Fitting Business Models in Socio Technical Transitions: The Marketing of Utility Energy Efficiency Programs in Canada and the US	<i>Alex Dandridge</i> Interdisciplinary Studies University of New Brunswick
13:05	Canada's Energy Transition: An Examination of R&D and Innovation Management Practices in Canadian Electric Power Utilities	<i>Heidi Crummel</i> Interdisciplinary (Management and Social Sciences) University of New Brunswick
13:10	On the Path to Net Zero? Realized Savings from Canada's Energy Codes	<i>Ekaterina Alekhanova</i> Department of Economics University of Carleton
13: 15	Offset emission provision in environmental regulation and firms' size distribution	<i>Oumarou Moudachirou</i> Department of Economics University de Montréal
13: 20	Q&A	
13:45	PAUSE / BREAK	
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14:00	Predicting Climate Change Impacts on Water Quality in Montreal's Urban Stormwater Management Systems using Big Data Analysis	<i>Bowen Xu</i> Building, Civil and Environmental Engineering University of Concordia
14:05	Uncovering Greenwashing in Corporate Sustainability Disclosures: The Impact on Climate Change Efforts	<i>Ekhlas Alzahaf</i> Interdisciplinary University of New Brunswick
14:10	The Risks and Impacts of the 2021 Abbotsford Floods Demand for Something Different: What Else is there Besides "Building Back Better"?	<i>Stéphanie Ecless</i> Département de Géographie, Planning and Environment University of Concordia
14:15	Broadening the Discourse Around Planned Retreat as a Climate Adaptation Strategy	<i>Adaku Echendu</i> School of Environmental Studies Queen's University
14: 20	Sustainability Analysis of the Canadian Food Supply	<i>Vincent Abe-Inge</i> Bioresource Engineering McGill University
14: 25	Q&A	
14:45	PAUSE / BREAK	
15:00	Cocktails!	
	Join us for complimentary cocktails and snacks to close off the 3rd annual Interdisciplinary PhD Student Symposium on Climate Change!	
END OF SYMPOSIUM		