

Feeding the World Population Sustainably

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A Path from Impactful Development to Empowerment Without Jeopardizing Environmental Health

October 12th, 2022, 9:30-11:00 am (GMT -5)

Centennial Centre, 21111 Lakeshore Dr, Sainte-Anne-de-Bellevue, Quebec H9X 3V9

A hybrid event

1821-2021
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by McGill

A Path from Impactful Development to Empowerment Without Jeopardizing Environmental Health

Side event date: 12 October 2022

Side event time (stating time zone): 9:30-11:00 am (GMT -5)

Event type: Hybrid

Side event organized by: McGill University

As part of McGill University's 200th anniversary celebrations, the university is **organizing a hybrid side-event** to the UN's FAO Science and Innovation Forum 2022. This symposium is anchored by two moderated roundtables comprised of diverse expert panels targeting *Eco-innovation: extending the scope of sustainability to drive changes* and *Transformational development: meeting global challenges*. Perspectives include cutting edge crop genetics and impact generating co-conceptions of environmental and nutritional sustainability across scales ranging from local to international. Video clips from students and local Montrealer's will act as catalysts, at once inspiring and challenging each audience member to engage in finding and adopting solutions. Closely allied to the Faculty's research priorities, questions to be addressed include: 1) How can we design crops and practices for the future? 2) How can they be integrated into sustainable food production systems? 3) How can we develop new approaches to resource management? 4) How can we better deliver safe, high-quality and health-promoting foods?

Agenda

Time	Title of the Session and Speakers
9:30-9:35	Introductory remarks – Prof. Christopher Manfredi , Interim Principal and Vice-Chancellor, McGill University, McGill University
9:35-9:45	Faculty's Strategic Research Priorities – Prof Salwa Karboune, Associate Dean (Research) AES, McGill
9:45-9:50	Vox pop 1 - Students

<p>9:50-10:20</p>	<p>Roundtable 1 – <u>Eco-Innovation: Extending the Scope of Sustainability to Drive Changes</u></p> <p>Prof. Valerio Hoyos-Villegas, Plant Science Department, McGill University Prof. Gordon Hickey, Natural Resource Sciences Department, McGill University Dr. Ismahane Elouafi, Chief Scientist, FAO</p> <p>Moderator: Prof. Mehran Dastmalchi, McGill University</p> <p>Increasingly rapid global changes – climate, technology, population, consumption and increased urbanization – affect ecosystems and their sustainability at all scales. Some questions that can guide this round table are:</p> <ul style="list-style-type: none"> • How can we support sustainable, resilient and healthy social-ecological systems? • How can we advance the sustainable governance of food production systems at a range of scales? • What is the future role of plant breeding in tackling climate change? What are the next-generation plant breeding systems?
<p>10:20-10:25</p>	<p>Vox pop 2 – General population</p>
<p>10:25-10:55</p>	<p>Roundtable 2 – <u>Transformational Development: Meeting Global Challenges</u></p> <p>Prof. Daiva Nielsen, School of Human Nutrition, McGill University Prof. Michael Ngadi, Bioresource Engineering, McGill University Mme Sylvie Cloutier, CEO, Conseil de la transformation alimentaire du Québec (CTAQ) - (TBC) Pascal Thériault, Director, Farm Management and Technology, McGill University</p> <p>Global demand for food production will continue to increase to meet the needs of the world’s population. Integration of food security, nutritional security and sustainable aspects is a complex task. Nutritional sustainability as a guiding concept calls for the development of more efficient solutions of nutrition balanced in the limits of environmental carrying capacity. Some questions that can guide this round table are:</p> <ul style="list-style-type: none"> • How can we integrate food, nutrition and sustainable innovations to foster multiple dimensions and functions of nutrition-sensitive food systems? • What are examples of advances in nutritional science and food technology which have a great potential to integrate sustainable food systems with nutritional sustainability?

10:55-11:00	Concluding remarks: Prof. Anja Geitmann , Dean, Agricultural and Environmental Sciences; Associate Vice-Principal (Macdonald Campus)
Registration link: Click here	
Zoom link: https://mcgill.zoom.us/j/82419705294	
YT Link: https://youtu.be/OEiysvOZs_c	
Contact: Gérald Cadet, Bicentennial Director, gerald.cadet@mcgill.ca	
Website: https://200.mcgill.ca/events/feeding-the-world-population-sustainably/	
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