

Parallel (Abstract) Session I
Wednesday, October 29
11:00 – 12:30 p.m.

Abstract Session I-A

AI in Agricultural Extension and Advisory

- Navigating Copyright Challenges in Generative AI for Climate-Smart Agricultural Extension and Advisory Services
Md Mahatab Uddin
- ~~CanolaChat: Can an AI Chat Assistant Execute Effective Extension?~~
~~*Taryn Dickson*; Chris Manchur; Caroline Traweger*~~
- Extension Focused Artificial Intelligence to Aid Ohio Soybean Producers
Lee Beers; John Fulton; Rob Leeds; Mike Estadt; Chris Zoller*
- Assessing AI Adoption in Ontario's Livestock and Horticulture Sectors: Challenges and Opportunities for Responsible Innovation
*Ataharul Chowdhury; Uduak Edet**
- Evaluating the Effectiveness of Large Language Models for Livestock and Climate-Related Agricultural Advices in Ontario
Ramtin Shafaghathi; Ataharul chowdhury*

Abstract Session I-B

Digital Communication Platforms and Tools

- Diversifying Digital Communication in Extension Services: Circumventing Social Media Lock-in Effects
Gordon Gow
- AI, Audio, and Agriculture: Cross-Border Podcasting as a Tool for Digital Pedagogy and Sustainability Communication
*Madison Dymant**
- Perception of Extension Professionals Regarding the Use of Digital Extension Services in Bangladesh
Saifur Rahman
- Leveraging Digital Platforms for Inclusive Agricultural Advisory: Evidence from a National Webinar Series in India
- Empowering Communities Through Digital Tools in the Philippines: From Laboratory to the Farm
Maria Victoria Espaldon; Decibel Eslava; Moises Dorado; Loucel Cui; Leo Neil Viado; Bong Salazar; Regina Regalado; Rosemarie Laila Dimasuay; Gideon Aries Burgonto; Eduardo Calzeta*

Abstract Session I-C

ICT Adoption and Precision Technologies

- Towards Implementing Precision Conservation Practices in Agricultural Watersheds: A Review of the Use and Prospects of Spatial Decision Support Systems and Tools
Md Bodruddoza

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- Assessing the Perceptions of Precision Laser Weeding: A Pilot Study on Measurement Reliability
Chin-Ling Lee
- Adoption of Information and Communication Technology (ICT) by Farmers to Promote Sustainable Agriculture in the Chittagong Hill Tracts of Bangladesh
Mohammad Anamul Haque; Rafiqul Islam; Shyamal Chandra Sarker; Ahmmed Al Name; Md. Osman Gazi*
- Mapping Technology Use in the Canadian Agriculture Extension Ecosystem
Carlene Schneider
- Improving Livelihood in Vavuniya District, Sri Lanka: A Case Study of Dairy Farmers' Actual Use Towards Accessing Digital Extension Services
Kamshajini Raveenthiran; Helen Hambly Odame*

Abstract Session I-D

Decision Support Systems and Data-Driven Innovation

- Bridging the data-action gap: potential opportunities and risks for generative AI language models in communicating data insights to poultry farms
Laura Palczynski
- The WELL-E Approach to Data-Driven Inclusive Innovation: Working with and for the Canadian Dairy Industry
Elsa Vasseur
- ~~Leveraging Decision Support Systems for Agroecology: A significant path to enhancing Food Security, Climate Resilience and Ecosystem Health in Ekiti State, Nigeria.~~
Oluwaseun Makanjuola

Abstract Session I-E

Misinformation in Agricultural Contexts

- Understanding the Misinformation Paradox: How Do False Agricultural Narratives Shape Farmer Decisions in Ghana's Planting for Food and Jobs Policy?
Edward Asafo-Agyei; Ataharul Chowdhury*
- Understanding Gendered Dimensions to Agricultural Misinformation on Climate Change Adaptation in Nigeria
Uduak Edet; Khondokar Kabir; Nasir Khan*
- Dual Challenge of Climate Change and Misinformation: How Misinformation Shapes Vulnerability and Adaptation in Rural Communities in Pakistan
Nasir Khan
- The Influences of Misinformation on the Participation of Rural Young People with Disabilities in Agriculture in Bangladesh
Sultana Yeasmin
- Addressing Information Disorder on Climate-Smart Agriculture: Rethinking Advisory and Extension Services for Sustainable Rural Development in Nigeria.[ONLINE]
Kehinde Oladeji

Abstract Session I-F

Communication, Trust, and Networks

- Toxicity and Misinformation: Drivers of Social Media Discontinuation and Implications for Facilitating Agricultural Innovation in Ontario
*Khondokar Kabir**; *Ataharul Chowdhury*; *Tyler Zemplak*
 - Trust is the technology: Applying Actor-Network Theory to knowledge exchange in Ontario agriculture
Melisa Luymes
 - Public Trust as Infrastructure: Reframing the Role of Institutions in Canada's Food and Rural Systems
*Lisa Bishop-Spencer**; *Ashley Bruner*
 - IFAD and Farm Radio International's Participatory Dialogues in Sub-Saharan Africa
*Eleanor Barlow**; *Rachel DeHaan*; *Carmina Marquez*
 - Use of Network for Diffusion and Adoption of Climate Smart Agricultural Technologies [ONLINE]
Md Rezaul Karim
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Parallel (Abstract) Session III
Thursday, October 30
9:00 – 10:30 a.m.

Abstract Session IV-A

Indigenous Knowledge and Food Systems

- The Community Citizen Scientist: The Garden Stewards in First Nation in Northern Ontario, Case Study)
Paul Benalcazar
 - Braided and Interdisciplinary Approaches to Indigenous Food Systems for Food Security and Sovereignty
Paul Benalcazar
 - Local and Indigenous Knowledge Systems in the Peruvian Andes: Turno Cultivation in the Campesino Communities of Huancachi and Quilcas
Charlotte Potter
 - Indigenous Wild Rice Systems and One Health: A Scoping Literature Review
*Muireann Heuchan**; *Margarita Fontecha*; *Natalia Berti*; *Silvia Sarapura Escobar*
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Abstract Session IV-B

Social Inclusion and Marginalized Groups

- An Exploration of Intersectional Farmers in Networks of Care within Ontario Agri-food Systems
*Francis Jabile**; *Helen Hambly Odame*; *Mark Lipton*
- Cultivating Inclusion: Empowering Farmers with Disabilities for a Thriving Future
*Jeanette Joseph**; *Tessa Barry*
- 2SLGBTQ+ Discrimination and Community Integration in Perth and Huron Counties
*Daniel Layden**; *Leith Deacon*
- Inclusive Extension-based Strategies to Support Historically Marginalized Black, Indigenous & People of Color (BIPOC) in 21st Century's American Agri-food System:
*Samrat Sikdar**; *Kirk Swortzel*

- Exploring Opportunities, Challenges, And Wellbeing of Women's Through Inclusion in Pakistan Citrus Value Chains: Mixed Method Approach for Stakeholders' Perspectives
*Ejaz Ashraf**; *Muhammad Ahsan Qureshi*; *Gomathy Palaniappan*; *Humera Amin*

Abstract Session IV-C

Extension for Climate Adaptation

- Assessing the Knowledge of Extension Agents in Facilitating Climate Adaptation Strategies among Farmers in Ekiti State, Nigeria [ONLINE]
*Oluwaseun Bamigboye**; *Imisi Omokunga*
- Learning Needs of Agriculture Extension Agents Regarding Agro-Ecology in Punjab, Pakistan
Muhammad Ali
- Study of Adaption Methods Climate Change through Localization of Resilience among Farmers (Case Study: Village of Markazi Province)
*Maryam Moghaddasi**; *Arefeh Abbasifard*
- Assessing Farmer's Preparedness to Cope with the Effects of Multiple Climate Change Related Hazards in Ghana
*Enoch Kwame Tham-Agyekum**; *Richard Obed Dankyi*; *Ebenezer Osei Jones*; *Camillus Abawiera Wongnaa*

Abstract Session IV-D

Climate Resilience and Transformation

- When the Trojan Horse Enters the Castle of Resilience: Rethinking Agricultural Extension to Avoid Risk of Maladaptation to Climate Change
*Davoud Rouzaneh**; *Moslem Savari*; *Sadegh Rahmani [Online]*
- Cultivating Collaboration: Building effective partnerships for farm climate change resiliency and stewardship success
*Fallon Hayes**; *Jessie Spasov*; *Melanie Williams*
- Building On-Farm Resilience and Lowering Emissions Across Canada
*Rosalie Gillis-Madden**; *Andrew Rushmere*; *Crystal Arsenault*; *Brenda Hsueh*
- Exploring Prince Edward Island Beef Farmer Perceptions of Participation in Climate Change Mitigation
Maggie McCormick; *Ataharul Chowdhury*; *Nasir Khan**

Abstract Session IV-E

Agroecology and BMP Adoption

- Participatory Systems Mapping. Drivers and Barriers identification in adopting BMP for potato producers in Southern Ontario using Gephi Visual
Paul Benalcazar
- Farmer-led research to support the adoption of agro-ecological practices in Ontario
*Sarah Larsen **; *Erin Nelson*
- Not all BMPs are created equal: No Regret, Neutral, Sacrifice and Dead End BMPs
David Rourke
- Uncovering Successes and Gaps: Exploring the Landscape of Learning and Knowledge Transfer in Grassland Management

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*Brooke McWherter**; *Amber Dyck*; *Emma Brooks*

- Understanding how Canadian producers use information sources to inform their adoption of beneficial management practices
*Matt Blackshaw**; *Kieran Findlater*; *Sandra Znajda*

Abstract Session IV-F

Soil Health and Networks

- The Role of Not-for-Profit Organizations in Extension Delivery: The Case of the Ontario Soil Network
*Paige Allen**; *Lorraine Vandermyden*; *Baran Karsak*; *Erin Nelson*
- The Social Side of Soils: a Farmer Centered Analysis on the Adoption of Cover Crops
Paige Allen
- Bringing Soil Health Assessment to Farmers in Ontario's Golden Horseshoe
*Ryan Carlow**; *Paul Smith*; *Adam Hayes*; *Jenny Bower*; *Jake Munroe*
- The Power of Proximity: How Soil-Health Learning Networks Influence (or not) Ontario Agriculture
Heather White
- Measure it and they will come: Using rising plate meters to improve grazing management in Ontario pastures
*Caroline Reisiger**; *Christine O'Reilly*; *Kim Schneider*

Parallel (Abstract) Session V
Thursday, October 30
15:30 – 17:00

Abstract Session V-A

Living Labs and Innovation Systems

- Agroecosystem Living Labs: Participant Experiences and Innovation Dynamics in Canada
*Madeleine Arseneau**; *Ann Levesque*; *Margaret Bancarz*; *Chris McPhee*; *Albana Berberi*; *Caroline Thivierge*
- Understanding Collaboration Among Stakeholders in the Newfoundland and Labrador Living Lab Project as a Transdisciplinary Approach
*Bethel Chukwukere**; *Emily Doyle*; *Kelly Vodden*
- Advancing Dairy Extension: A Digital Living Laboratory Approach to Knowledge Mobilization in the Canadian Dairy Sector
Steven Roche
- Advisory and Extension in Chaotic Agri Systems: Pathways to Sustainability
Swagata Patra
- Building knowledge and innovation systems in Ukraine: critical reflections from practice
Sarah Cardey

Abstract Session V-B

Food Security and Systems

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- Impact of Climate Resilient Agricultural Practices on Food Security for Small- Scale Farmers in High Barind Tract of Bangladesh
*Mohammad Anamul Haque**; *Md. Golam Azam*; *Md. Masud*; *Doel Rose Mary Kha*; *Kakan Barua*
- Food Security Status of Landless Farmers in the Char Areas of Northern Bangladesh
Md. Aminur Rahman; *Mohammad Anamul Haque**; *Md Abdul Mannan*
- Adding more plant-forward dishes to menus: Findings from a survey of post-secondary campus food services across Canada
Sunghwan Yi
- Rooted in Place: The Role of Farmers' Markets in Building Sustainable Food Systems in Canada
Justin Cantafio
- Gender dimension of decision making on cassava and maize inter-cropping system for sustainable rural households' food security in Ebonyi State, Nigeria.
Mercy Ejechi

Commented [AC1]: Can not attend Oct 30 to 11am and 4pm

Abstract Session V-C

Extension Models and Policies

- Global Perspectives on Public-Private Collaborations in Agricultural Extension
Lauren Benoit
- Stakeholder Perceptions of Pluralistic Extension and Advisory System in Ontario
*Khondokar Kabir**; *Ataharul Chowdhury*
- Agricultural Extension Systems in a Crossroad: Structural Differences, Implications, and Future Pathways in Canada and the United States
*Khondokar Kabir**; *Ataharul Chowdhury*
- The Quebec Model of Agricultural Extension: A Publicly Led and Regionally Driven Approach through the Programme services-conseils
*Helen Jensen**; *Marte-Claude Lapierre*
- The institutionalization of farmer Field Schools in Latin America
Silvia Sarapura - Escobar

Abstract Session V-D

Approaches, Theories, and Evaluation

- Integrating Community-Engaged Learning (CEL) into Extension Program Development: Bridging Theory with Practice
Nesma Osman
- Exploring the Possibilities of Extension to Advance Research Use: Lessons from Virginia, USA [ONLINE]
*Lia Kelinsky-Jones**; *Christina Galardi*; *Sarah Baughman*
- Rourke's General Farm Practice Change Theory: A Pull Approach
David Rourke
- Participatory Action Research as a KTT Tool: Early Reflections
Derya Tarhan
- Developing an Evaluation Framework to Assess the Effectiveness of Extension Programs

Uvasara Dissanayake; Amith Wimalarathna; Kumudu Kopiyawattage*

Abstract Session V-E

Institutions, Advisors, and Assessment

- The Role of Professional Advisors in Slowing or Preventing Development of Future Farmers in Canada: What if We're Part of the Problem?
Patti Durand
- Assessment of agri-environmental extension services in Canada for Agriculture and AgriFood Canada
Kristelle Audet
- Facilitating Change on the Agricultural Landscape through a Communities of Practice Extension Model
Dorthea Gregoire
- What is the impact of economic institutions in the New Zealand pastoral farming sector?
Angela McFetridge; Hamish Gow; Robyn Dynes*

Abstract Session V-F

Education, Learning, and Youth Engagement

- Innovative Pathways to Biotechnology Careers: Youth Engagement Through 4-H Clubs and Interactive Games [ONLINE]
Stacey Stearns; Jennifer Cushman; Sharon Gray; Xiuchun "Cindy" Tian; Cristina Connolly*
- Encouraging Knowledge Diffusion through the Peer Group Learning Model
Natasha Wilkie; Adriane Good; Alexis DeCorby; Kathy Larson; Fonda Froats*
- Doing it Better! Practitioner Insights to Enhance KTT for Private Water Wells
Negin Molaei; Sheri Longboat; Hugh Simpson**
- The value of problem-based experiential learning for graduate students: Transferable skill development for the agri-food sector
Jeanna Rex

Parallel (Abstract) VI
Friday, October 31
09:00-10:30 a.m.

Abstract Session VI-A

Entrepreneurship and Barriers in Agri-Development

- Exploring rural youth aspirations and life-courses in Colombia
Margarit Fontecha; Silvia Sarapura-Escobar*
- Unravelling Farmer Preferences for Contract Design Attributes in Ghana's Agricultural Sector: A Discrete Choice Experiment Approach
Dominic Boateng-Gyambiby; Sabine Liebenehm; Emmanuel Alirah Weyori*

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- Agricultural Extension for Entrepreneurial Growth: Evidence from an Agri-Startup Incubation Study in India
Saravanan Raj
- Barriers to the development of dryland wheat insurance among farmers in Kurdistan province, Iran
Dara Morady
- Gender dynamics in Sustainable Citrus Farming: Exploring Constraints in Value Chains in Punjab, Pakistan
Muhammad Yaseen; Usama Shakeel; Muhammad Luqman*

Abstract Session VI-B

Rural Development and Innovation

- Participatory evaluation of ecosystem transformation: lessons for rural advisory and extension services
Elin Gwyn; Ricardo Ramirez*
- Growing Agritourism Through Extension: U.S. Insights and Lessons for Canada
Claudia Schmidt
- Navigating Change: Understanding Transformations in Rural Economic Development Knowledge Translation and Transfer
Ryan Gibson; Taylor Wilson; Jayden Cote*
- Impact of the Implementation of Best Practices from the Local Agricultural Innovation Project (PIAL) in Pinar del Río, Cuba
Yuliany Pacheco

Abstract Session VI-C

Animal Welfare, Livestock, and Sustainability

- Goat and Sheep Farmers' Stress During the COVID-19
Dr. Suzanna Windon; Carolyn Henzi*
- Beyond the Diploma: A TVET Approach to Bioeconomy, Animal Welfare, and Agri-Entrepreneurship in Cyclone-Prone Mozambique
Ana Gomes
- Dairy Farmers Embracing Environmental Sustainability with Lingering Apprehensions
Anne Grant-Bennett
- Livelihood Sustainability of Trained Smallholder Farmers in Southwest, Nigeria: The Role of Advisory Services
Abimbola Fanu; Olufunke Olatunji; Bamigboye Oluwaseun*

Abstract Session VI-D

Sustainable Development and Ecosystems

- Climate Justice as a Pathway to Sustainable Development: A Content Analysis Review
Vahid Karimi
- Ecosystem Modeling of Kaptai Lake, Rangamati: A Mass-Balance Approach Using the Ecopath Model [ONLINE]
Keya Chakma; Mohammed Shahidul Alam*

- Sustainable intensification and land productivity under climate stress: An efficiency analysis from Ghana
*Emmanuel Jumpah**; Habtamu Alem; Miroslava Bavorova
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WORKING DRAFT