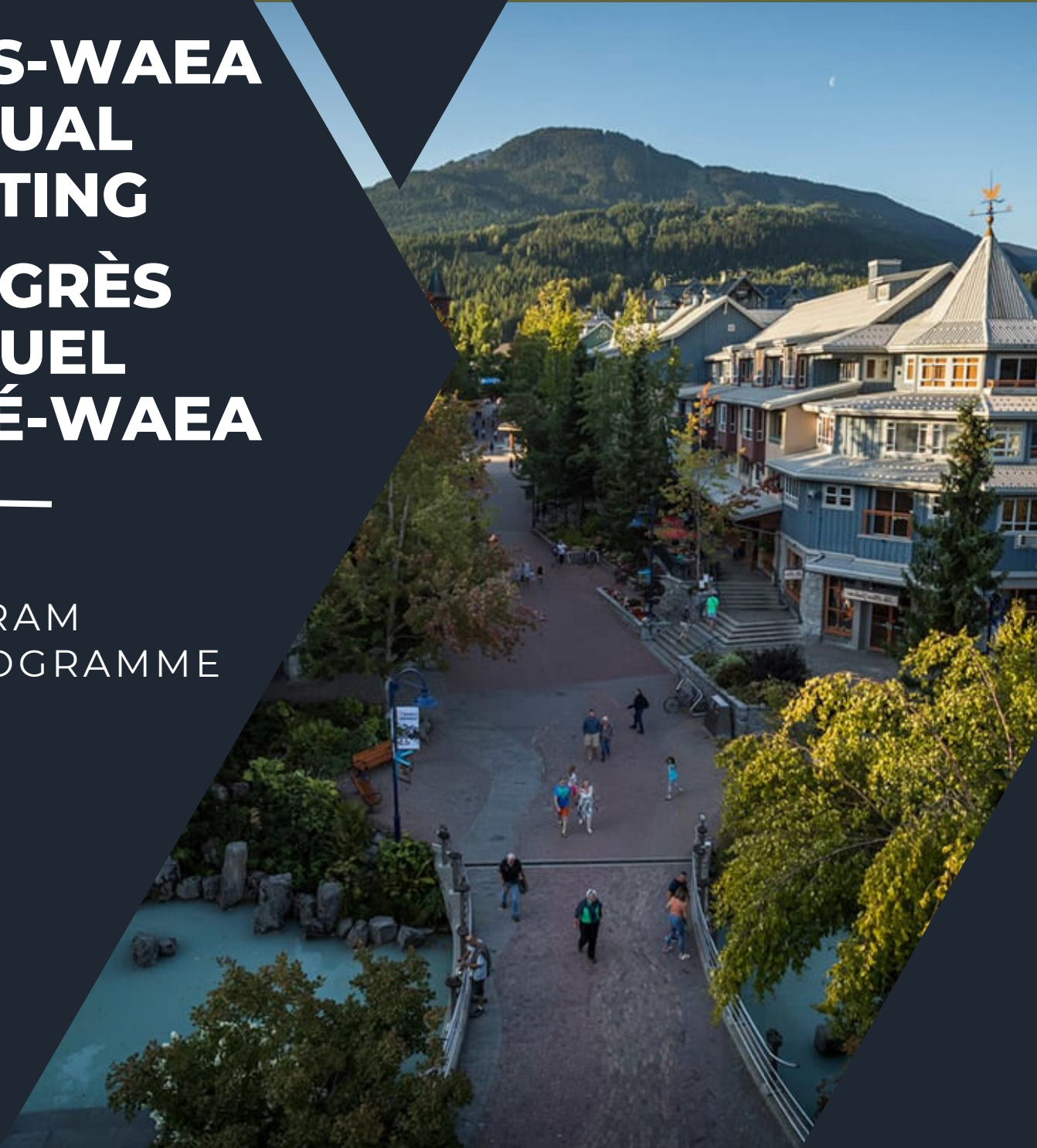


Hilton Whistler
Resort and Spa
July 17-20, 2023

CAES-WAEA ANNUAL MEETING CONGRÈS ANNUEL SCAÉ-WAEA

FINAL
PROGRAM
LE PROGRAMME
FINAL



CANADIAN AGRICULTURAL ECONOMICS SOCIETY/
SOCIÉTÉ CANADIENNE D'AGROÉCONOMIE



WESTERN AGRICULTURAL
ECONOMICS ASSOCIATION

WELCOME TO WHISTLER! | BIENVENUE À WHISTLER!

Getu Hailu, CAES President | Président



Welcome to the breathtaking Whistler! We are pleased to welcome the members of the CAES to what we anticipate will be a remarkable Joint Annual Meeting. This meeting is unique for the CAES as we return to an in-person meeting, after three years of virtual-only summer conferences. We are equally thrilled to welcome our colleagues from the WAEA. We are delighted to continue our rich tradition of joint meetings, which have proven to provide an invaluable platform for fostering meaningful connections, sharing expertise, and advancing knowledge in the ever-evolving food, agriculture, and resource economics fields. We currently face many challenges (and opportunities) in the agri-food sector. The conference program highlights these challenges' wide-ranging and interconnected nature, emphasizing our organizations' substantial economic research efforts to tackle them effectively.

I thank the dedicated joint CAES-WAEA program committee for their unwavering efforts in organizing this conference. Their hard work has culminated in a unified program that seamlessly blends the contributions of both organizations, providing participants with a comprehensive and cohesive experience. As you would expect, the meeting encompasses a diverse range of sessions, including Selected Paper presentations, Organized Symposia, Graduate Student Paper Competitions, a Pre-Conference Workshop, a Focus on Fellows Session, captivating plenary speakers, a memorable CAES banquet and awards ceremony, and a WAEA banquet and awards ceremony.

We are particularly excited about Tristan Skolrud, University of Saskatchewan, our incoming CAES President, who will deliver his Presidential Address on Tuesday, from 3:30 pm to 4:15 pm. His address will explore the *"Implications of Increasing Automation in Primary Agriculture,"* shedding light on this crucial topic. Additionally, we have two exceptional events lined up. On Monday, from 6:00 pm to 7:00 pm, Kathryn Harrison from the University of British Columbia will present a joint plenary session titled *"The Challenge of Carbon Taxation: Economic Theory Meets Partisan Politics,"* offering valuable insights into this complex issue. On Tuesday, from 4:15 pm to 5:00 pm, Alan Ker, Michigan State University, will deliver the Fellows Address titled *"Does, Should, and Can Econometrics Exist Beyond Panel Models in Agricultural Economics,"* provoking thoughtful discussions on the future of econometrics in our field.

Please join us at this year's CAES banquet and awards ceremony, where we celebrate the achievements of Fellows of the Society, and recognize outstanding Ph.D. Dissertations, outstanding MSc theses, impactful and best journal articles, and exceptional undergraduate book prizes. I look forward to your presence as we honour and distribute these well-deserved awards. We hope that your time in Whistler is professionally rewarding, as you make new connections and engage in meaningful discussions. Enjoy the stunning natural landscapes of Whistler, explore local attractions, and relish moments of relaxation and delight, creating lasting memories alongside your professional pursuits.

Bienvenue à l'époustouflante ville de Whistler! Nous sommes heureux d'accueillir les membres du SCAÉ à ce qui, nous l'anticipons, sera un remarquable Meeting Annuel Conjoint. Ce meeting est unique pour la SCAÉ alors que nous revenons à un meeting en personne, après trois années de conférences d'été uniquement virtuelles. Nous sommes également ravis d'accueillir nos collègues de la WAEA. Nous sommes enchantés de continuer notre riche tradition de meeting conjoints, qui ont prouvé être une plate-forme précieuse pour favoriser des relations significatives, partager des expertises et faire progresser les connaissances dans les domaines en constante évolution de l'économie alimentaire, agricole et des ressources. Nous sommes actuellement confrontés à de nombreux défis (et opportunités) dans le secteur agroalimentaire. Le programme de la conférence met en évidence la nature interconnectée et variée de ces défis, soulignant les efforts considérables de recherche économique de nos organisations pour les aborder efficacement.

Je remercie le comité du programme conjoint SCAÉ -WAEA pour leurs efforts inébranlables dans l'organisation de cette conférence. Leur travail acharné a abouti à un programme unifié qui intègre harmonieusement les contributions des deux organisations, offrant aux participants une expérience complète et cohérente. Comme vous pouvez vous y attendre, le meeting comprend une diversité de sessions, y compris des présentations de papiers sélectionnés, des symposiums organisés, des compétitions de papier d'étudiants gradués, un atelier pré-conférence, une session axée sur les boursiers, des orateurs pléniers captivants, un mémorable banquet avec la cérémonie de remise des prix SCAÉ, et un banquet avec la cérémonie de remise des prix WAEA.

Nous sommes particulièrement enthousiasmés par Tristan Skolrud, de l'Université de Saskatchewan, notre prochain président du SCAÉ, qui présentera son discours présidentiel le mardi, de 15h30 à 16h15. Son discours explorera les *"Implications de l'augmentation de l'automatisation dans l'agriculture primaire"*, éclairant ce sujet crucial. De plus, nous avons prévu deux événements exceptionnels. Lundi, de 18h00 à 19h00, Kathryn Harrison de l'Université de Colombie-Britannique présentera une session plénière conjointe intitulée *"The Challenge of Carbon Taxation: Economic Theory Meets Partisan Politics [Le défi de la taxation du carbone : La théorie économique rencontre la politique partisane]"*, offrant des perspectives précieuses sur cette question complexe. Mardi, de 16h15 à 17h00, Alan Ker, de l'Université d'État du Michigan, prononcera l'adresse des boursiers intitulée *"Does, Should, and Can Econometrics Exist Beyond Panel Models in Agricultural Economics [Est-ce que, devrait et peut l'économétrie exister au-delà des modèles de panel en économie agricole]"*, générant des réflexions sur l'avenir de l'économétrie dans notre domaine.

Veuillez vous joindre à nous lors du banquet et de la cérémonie de remise des prix de la SCAÉ de cette année, où nous célébrerons les réalisations des boursiers de la Société, et reconnaitrons les thèses de doctorat exceptionnelles, les mémoires de maîtrise remarquables, les articles de revue les plus impactants et ceux les meilleurs, ainsi que les prix, *Under graduate book prize*, qui célèbrent le parcours exceptionnel des étudiants de premier cycle. J'ai hâte de vous voir alors que nous honorons et distribuons ces prix bien mérités. Nous espérons que votre séjour à Whistler sera professionnellement enrichissant, alors que vous établissez de nouvelles connexions et participez à des discussions significatives. Profitez des paysages naturels époustoufflants de Whistler, explorez les attractions locales, et savourez des moments de détente et de plaisir, en créant des souvenirs durables à côté de vos activités professionnelles.

Stephen Devadoss, WAEA President | Président



Welcome to the 2023 WAEA/CAES Annual meetings in beautiful Whistler, British Columbia. The program committee from both associations have put together an excellent program that WAEA/CAES members can benefit from. We expect close to 200 attendees, and this joint meeting is a great opportunity to learn, network, and collaborate in research, teaching, and extension areas on issues important to both associations.

The program covers a very timely keynote address by Kathryn Harrison on complexities related to carbon taxation, several important organized sessions, numerous selected papers on a wide range of applied economics topics, business meetings, a Presidential address by Karina Schoengold, and award ceremonies. Congratulations to this year's award winners! Whistler is a beautiful resort area. We also have our regular post-conference excursions on Thursday morning. I hope you find some time for sightseeing and enjoy this fabulous venue. Please let me know if you need any assistance or have any suggestions for future meetings.

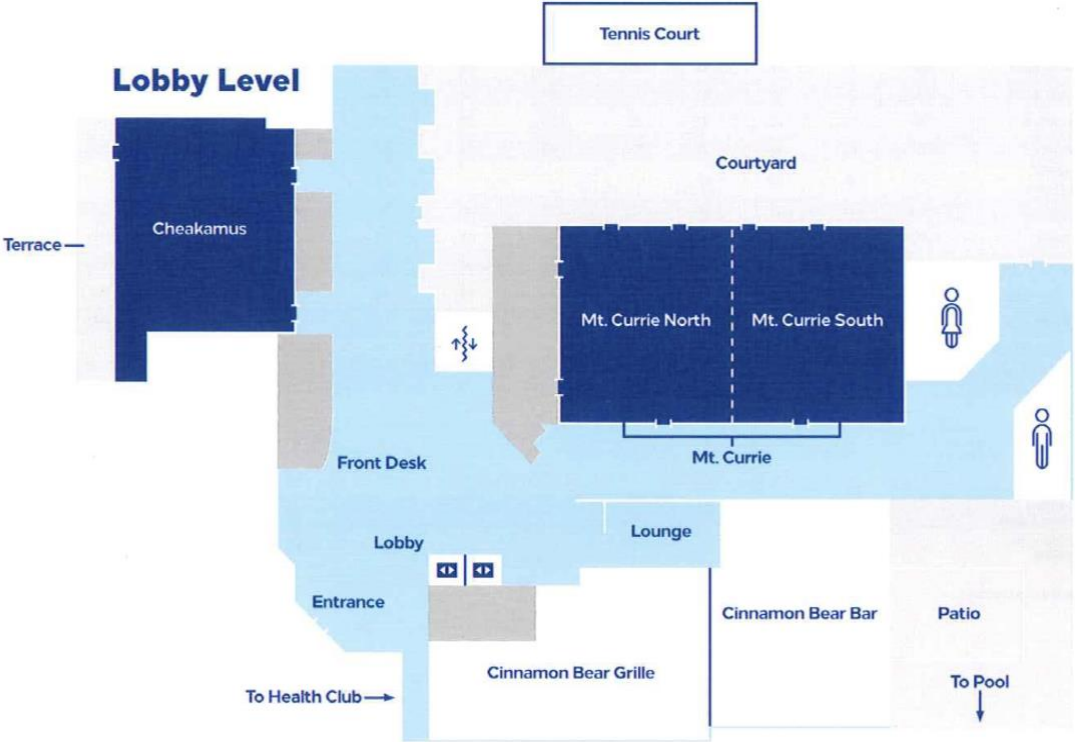
Bienvenue aux meetings annuels 2023 de la WAEA/ SCAÉ dans la magnifique ville de Whistler, en Colombie-Britannique. Le comité de programme des deux associations a préparé un excellent programme dont les membres de la WAEA/ SCAÉ peuvent bénéficier. Nous attendons près de 200 participants, et ce meeting conjoint est une excellente occasion d'apprendre, de réseauter et de collaborer dans les domaines de la recherche, de l'enseignement et de la vulgarisation sur des questions importantes pour les deux associations.

Le programme comprend une conférence très opportune de Kathryn Harrison sur les complexités liées à la taxation du carbone, plusieurs sessions organisées importantes, de nombreux articles sélectionnés sur un large éventail de sujets en économie appliquée, les assemblées générales, un discours présidentiel de Karina Schoengold, et des cérémonies de remise de prix. Félicitations aux lauréats de cette année! Whistler est une magnifique région de villégiature. Nous avons également nos excursions post-conférence habituelles le jeudi matin. J'espère que vous trouverez un peu de temps pour faire du tourisme et profiter de ce fabuleux lieu. N'hésitez pas à me faire savoir si vous avez besoin d'aide ou si vous avez des suggestions pour les futures réunions.

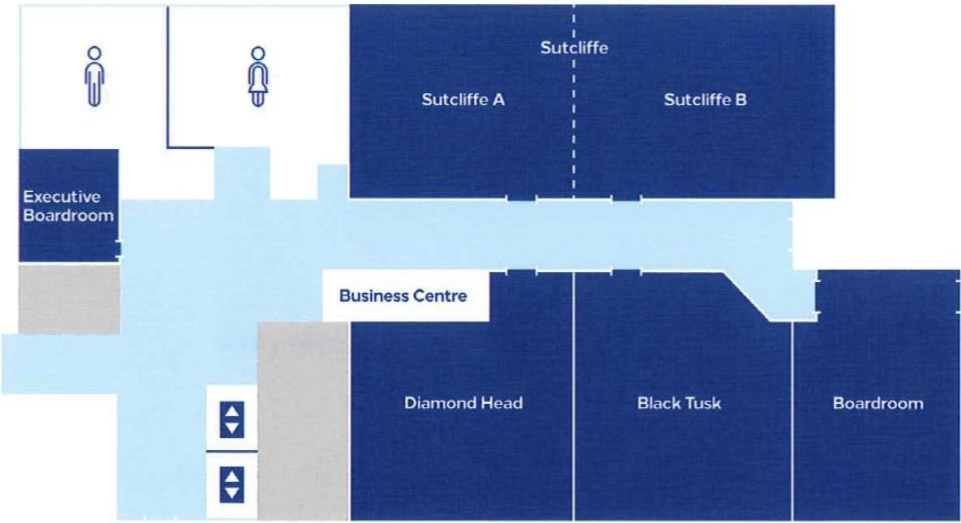
HOTEL FLOOR PLANS | PLAN D'HÔTEL

FLOOR MAP KEY

- Meeting/Conference Rooms
- Amenities
- Public Space
- Private



Lower Level



GENERAL INFORMATION | INFORMATION GÉNÉRALES

Registration

Foyer outside Mt. Currie

Monday: 12:00 PM to 7:00 PM

Tuesday: 8:00 AM to 12:00 PM

Name Badges

Foyer outside Mt. Currie

Pick up name badges at the registration table. Registrants and guests must wear their name badges to access sessions and events.

Awards Banquet

Mt. Currie North (WAEA) & South (CAES)

Included in the registration fee. You must wear your name badge to enter.

Welcome Reception

Mt. Currie South

Included in the registration fee. You must wear your name badge to enter.

Morning Coffee & Refreshment Breaks

Foyer outside Mt. Currie

Morning coffee, Tuesday & Wednesday:

7:30 AM - 10:00 AM

Refreshment breaks, Tuesday & Wednesday:

10:00 AM - 10:30 AM; 3:00 PM - 3:30 PM

Breakfast & Lunch

Mt. Currie North

CAES members: Breakfast and lunch are **not** included in the registration fee. You have the option to purchase tickets for breakfast and lunch. Tickets will be available for purchase until June 30. So, be sure to buy your tickets early if you haven't already! You must wear your name badge to enter. Alternatively, there are plenty of great restaurants in Whistler Village just outside the hotel.

WAEA members: Breakfast and lunch are included in the registration fee. You must wear your name badge to enter.

Inscription

Foyer à l'extérieur de Mt. Currie

Lundi : de 12h00 à 19h00

Mardi : de 8h00 à 12h00

Badges nominatifs

Foyer à l'extérieur de Mt. Currie

Récupérez vos badges nominatifs à la table d'inscription. Les personnes inscrites et les invités doivent porter leur badge nominatif pour accéder aux sessions et aux événements.

Banquet de remise des prix

Mt. Currie Nord (WAEA) & Sud (SCAÉ)

Inclus dans les frais d'inscription. Vous devez porter votre badge nominatif pour entrer.

Réception de bienvenue

Mt. Currie Sud

Inclus dans les frais d'inscription. Vous devez porter votre badge nominatif pour entrer.

Pause café du matin et rafraîchissements

Foyer à l'extérieur de Mt. Currie

Café du matin, mardi et mercredi :

de 7h30 à 10h00

Pauses rafraîchissement, mardi et mercredi :

de 10h00 à 10h30 ; de 15h00 à 15h30

Petit déjeuner & Déjeuner

Mt. Currie Nord

Membres de la SCAÉ: Le petit-déjeuner et le déjeuner ne sont pas inclus dans les frais d'inscription. Vous avez la possibilité d'acheter des billets pour le petit-déjeuner et le déjeuner. Les billets seront disponibles pour l'achat jusqu'au 30 juin. Alors, assurez-vous d'acheter vos billets à l'avance si vous ne l'avez pas déjà fait! Vous devez porter votre badge pour entrer. Sinon, il y a beaucoup de superbes restaurants dans le village de Whistler juste à l'extérieur de l'hôtel.

Membres de la WAEA : Le petit-déjeuner et le déjeuner sont inclus dans les frais d'inscription. Vous devez porter votre badge nominatif pour entrer.

Mask Protocol

Attendees at the CAES-WAEA Annual Meeting are strongly encouraged to wear a tight-fitting, multi-layer mask to help protect themselves and those around them in indoor conference spaces. A medical-style mask is best (e.g., KN-95 or better). This recommendation is for the well-being of all participants. A limited number of masks will be available for pick up at the registration desk.

Information for Presenters

Paper sessions are 90 minutes. Presentations are a maximum of 15 minutes unless otherwise discussed with the moderator. Moderators will arrange for a laptop to be present, but presenters should bring their own laptops as well in case of computer issues. Make sure the moderator has your slide deck before the session and please arrive 15 minutes before the session begins.

Information for Moderators

The primary responsibility is to help facilitate the presentations. Important roles of a moderator are to keep presentations to the allotted time and encourage questions to facilitate a discussion after each presentation. Please bring a laptop and ensure slide decks are loaded on your laptop before the session starts. Please arrive 20 minutes before the session begins.

Protocole de masque

Les participants à la réunion annuelle de la SCAÉ-WAEA sont fortement encouragés à porter un masque bien ajusté et multicouche pour se protéger eux-mêmes et ceux qui les entourent dans les espaces de conférence intérieurs. Un masque de type médical est le meilleur (par exemple, KN-95 ou mieux). Cette recommandation est pour le bien-être de tous les participants. Un nombre limité de masques sera disponible à la table d'inscription.

Information pour les présentateurs

Les sessions de présentation d'articles durent 90 minutes. Les présentations sont d'une durée maximale de 15 minutes, sauf discussion préalable avec le modérateur. Les modérateurs s'arrangeront pour qu'un ordinateur portable soit présent, mais les présentateurs devraient également apporter leur propre ordinateur portable en cas de problèmes informatiques. Assurez-vous que le modérateur dispose de votre diaporama avant la session et veuillez arriver 15 minutes avant le début de la session.

Information pour les modérateurs

La responsabilité principale est d'aider à faciliter les présentations. Les rôles importants d'un modérateur consistent à limiter les présentations au temps alloué et à encourager les questions pour faciliter une discussion après chaque présentation. Veuillez apporter un ordinateur portable et vous assurer que les diaporamas sont chargés sur votre ordinateur avant le début de la session. Veuillez arriver 20 minutes avant le début de la session.

SCHEDULE | HORAIRE

MONDAY LUNDI July 17 juillet	12:00 PM - 7:00 PM	Registration Inscription
	1:00 PM - 2:30 PM	Workshop: Environmental Metrics: From Theory to Practice Atelier : Mesures environnementales : De la théorie à la pratique
	3:00 PM - 4:30 PM	Focus on Fellows Focus Sur Les Boursiers
	3:30 PM - 5:00 PM	WAEA Executive Meeting Réunion Exécutive de la WAEA
	3:30 PM - 5:00 PM	WEC Meeting Réunion du WEC
	6:00 PM - 7:00 PM	Joint Keynote Address Discours programmatique conjoint
	7:00 PM - 9:00 PM	Joint Welcome Reception Réception de bienvenue conjointe
TUESDAY MARDI July 18 juillet	7:00 AM - 8:00 AM	Breakfast Petit déjeuner
	7:30 AM - 10:00 AM	Morning Coffee Café du matin
	8:00 AM - 12:00 PM	Registration Inscription
	8:30 AM - 10:00 AM	Concurrent Sessions 1 and Organized Symposia Sessions parallèles 1 et symposiums organisés
	10:00 AM - 10:30 AM	Refreshment Break Pause rafraîchissement
	10:30 AM - 12:00 PM	Concurrent Sessions 2 and Organized Symposia Sessions parallèles 2 et symposiums organisés
	12:00 PM - 1:30 PM	Lunch Break Pause déjeuner
	1:30 PM - 3:00 PM	Concurrent Sessions 3 and Organized Symposia Sessions concurrentes 3 et symposiums organisés
	3:00 PM - 3:30 PM	Refreshment Break Pause rafraîchissement
	3:30 PM - 5:00 PM	CAES-SCAÉ Presidential and Fellows Addresses Adresses présidentielle et des boursiers de la SCAÉ
	3:30 PM - 5:30 PM	Annual Business Meeting and WAEA Presidential Address Assemblée générale annuelle et adresse présidentielle de la WAEA
	5:00 PM - 6:30 PM	CAES Annual Business Meeting Assemblée générale annuelle de la SCAÉ
	7:00 PM - 9:00 PM	CAES Banquet and Awards Ceremony Banquet et cérémonie de remise des prix de la SCAÉ
	7:00 PM - 9:00 PM	WAEA Banquet and Awards Ceremony Banquet et cérémonie de remise des prix de la WAEA
WEDNESDAY MERCREDI July 19 juillet	7:00 AM - 8:00 AM	Breakfast Petit déjeuner
	7:30 AM - 10:00 AM	Morning Coffee Café du matin
	8:30 AM - 10:00 AM	Concurrent Sessions 4 and Organized Symposia Sessions parallèles 4 et symposiums organisés
	10:00 AM - 10:30 AM	Refreshment Break Pause rafraîchissement
	10:30 AM - 12:00 PM	Concurrent Sessions 5 and Organized Symposia Sessions parallèles 5 et symposiums organisés
	12:00 PM - 1:30 PM	Lunch Break Pause déjeuner
	1:30 PM - 3:00 PM	Concurrent Sessions 6 and Organized Symposia Sessions parallèles 6 et symposiums organisés
	3:00 PM - 3:30 PM	Refreshment Break Pause rafraîchissement
	3:30 PM - 5:00 PM	Concurrent Sessions 7 and Organized Symposia Sessions parallèles 7 et symposiums organisés
THURSDAY JEUDI July 20 juillet	9:30 AM - 1:00 PM	WEC Tour Tour du WEC

DETAILED PROGRAM | PROGRAMME DÉTAILLÉ

MONDAY | LUNDI

July 17 Juillet

WORKSHOP | ATELIER

1:00 PM - 2:30 PM | Sutcliff Room

Environmental Metrics: From Theory to Practice

Sponsored by UBC MFRE Program

Organizers: Kelleen Wiseman, University of British Columbia and James Vercammen, University of British Columbia

Moderator: Kelleen Wiseman

Panelists: Caren Lombard, University of British Columbia; Carol McAusland, University of British Columbia; Karen Taylor, Bank of Montreal Financial Group; Kelleen Wiseman, University of British Columbia

Climate change, with the related implications for water, energy, and resource management, is upon us. Firms and governments have committed or are being regulated to incorporate environmental impact management practices into their organization's operations. This session will explore the requirements, challenges, and opportunities of benchmarking environmental metrics in food processing and agricultural businesses. Topics include “**what**” data should be collected from inside and outside the organization to support environmental metrics, “**why**” this data is important for tracking, and “**how**” metrics can be used to track and assess environmental impact. Panel members will include financial, food processing, agri-food, government, and academia experts.

FOCUS ON FELLOWS | FOCUS SUR LES BOURSIERS

3:00 PM - 4:30 PM | Sutcliff Room

If it's Broke – Fix it: Achieving Agri-Environmental Policy Goals

Organized by Jill E. Hobbs, University of Saskatchewan

The Canadian government's Sustainable Agriculture Strategy includes an emphasis on soil health, adaptation and resilience, water, climate change mitigation, and biodiversity. Achieving these goals requires understanding how to accurately measure and account for environmental outcomes from agricultural production, such as greenhouse gas emissions, as well as incentivizing the adoption of beneficial management practices and optimal fertilizer use at the farm level. The session brings together three CAES Fellows who will stimulate discussion on the opportunities – and challenges – to achieving agri-environmental policy goals.

Fixing Flawed GHG Accounting for the Sake of Sustainability

Richard Gray, Professor, University of Saskatchewan

The Economics of Fertilizer Management and the Implications for GHG Emission Strategies
Alfons Weersink, University of Guelph

The Effectiveness of Agri-Environmental Extension Efforts in Alberta: Many Questions ... Few Answers,
Peter Boxall, University of Alberta

WAEA EXECUTIVE MEETING | RÉUNION EXÉCUTIVE DE LA WAEA

3:30 PM - 5:00 PM | Diamond Head Room

WEC MEETING | RÉUNION DU WEC

3:30 PM - 5:00 PM | Boardroom

JOINT KEYNOTE ADDRESS | DISCOURS PROGRAMMATIQUE CONJOINT

6:00 PM - 7:00 PM | Mt. Currie Ballroom North

The Challenge of Carbon Taxation: Economic Theory Meets Partisan Politics **Kathryn Harrison, University of British Columbia**

Carbon taxes offer a cost-effective way to reduce carbon pollution. However, governments that propose carbon taxes invariably face political opposition from both carbon-intensive industries, farmers and small businesses, and voters at large. In some cases, such as Canada in 2008, carbon taxes have been rejected. In others, including Australia and Alberta, carbon taxes have been adopted but repealed. In still others, including France, carbon taxes have been frozen in response to public protests. Yet in other jurisdictions, among them Sweden, Ireland and Canada, carbon taxes have survived and are steadily being increased. This presentation will draw on comparative case studies to better understand the conditions under which carbon taxes can be adopted, survive and increased to the levels necessary to attain significant emissions reductions – and under what circumstances should give up on carbon taxes and employ more politically-favourable policy instruments instead.

JOINT WELCOME RECEPTION | RÉCEPTION DE BIENVENUE CONJOINTE

7:00 PM - 9:00 PM | Mt. Currie Ballroom South

The Welcome Reception takes place immediately after the Keynote Address and will feature complimentary hors d'oeuvres and a cash bar.

La réception de bienvenue a lieu immédiatement après le discours programmatique et proposera des hors-d'œuvre gratuits et un bar payant.

**CONCURRENT SESSIONS 1 AND ORGANIZED
SYMPOSIA | SESSIONS PARALLÈLES 1 ET
SYMPOSIUMS ORGANISÉS**

8:30 AM - 10:00 AM

**Selected Paper Session 1:
Agribusiness and Agricultural
Finance
Black Tusk Room**

Moderator: Kelly Lange, Texas Tech University

Credit Usage by Farm Operation Size and
Operator Socially Disadvantaged Status
*Bruce L Ahrendsen**, University of Arkansas
Division of Agriculture; *Ronald Rainey*
University of Arkansas Division of Agriculture

Feasibility of Increasing Meat Processing
Capacity on the Navajo Nation
*Bailey Tom, NMSU; Maryfrances Miller**, New
Mexico State University

Augmenting the Farm Safety Net with Farmer
Savings Accounts
*Henry R Nelson**, Texas A&M University; *Joe
Outlaw, Texas A&M University; Bart Fischer,*
*Texas A&M University; Henry Bryant, Texas
A&M University*

Resilience of Agricultural Banks during
Economic Downturns
*Madhav Regmi**, New Mexico State University

Financial Knowledge and Behavior of
Agricultural College Majors
*Kimberly Luco, Texas Tech University; Kelly
Lange**, Texas Tech University; *Darren Hudson,*
*Texas Tech University; Phillip Johnson, Texas
Tech University*

**Organized Symposium Session 1:
Empowering Agricultural**

**Landowner Decisions in Solar
Photovoltaic Development
Mt. Currie Ballroom North**

Organizer and Chair: Shannon Ferrell, Oklahoma
State University and Oklahoma Environmental
Quality Board

Paul Goeringer, University of Maryland

Shannon Ferrell, Oklahoma State University

David Kay, Cornell University

Elizabeth Thilmany, University of Maryland

**Selected Paper Session 2: Graduate
Student Paper Competition I
Cheakamus Room**

Moderators: Eric Belasco, Montana State
University; Ashok Mishra, Arizona State
University; Cory Walters, University of Nebraska
- Lincoln

Climate change and agri-food supply chains
competitive and comparative advantages
*Sulpice P Amonle**, Université Laval

The US Compulsory Education Laws and
Occupational Persistence in Agriculture
*Jhih-Yun Liu**, University of Minnesota

Comparison of Yield Growth Between Plot Yield
Trials and Farm Level Yield of Wheat Varieties
Adopted in Saskatchewan

Prince Opoku, University of Saskatchewan;
Nicholas Tyack, University of Saskatchewan;
Peter Slade, University of Saskatchewan*

More is better? Experimental evidence of the willingness to use derivatives in agribusiness in the presence of a public farm income insurance program

Jourdain C. Lokossou, Laval University;
Alphonse AS Singbo, Laval University*

Impacts of Subsidized Pasture Insurance on Producer Behavior and Land Values

Andrew E Anderson, Kansas State University;
Glynn Tonsor, Kansas State University*

Selected Paper Session 3: Community and Regional Economics, Tourism, and Recreation Diamond Head Room

Moderator: Christopher Bastian, University of Wyoming

Consumer Willingness-to-pay for a Less Risky Electrical Grid

Dayton Lambert, Oklahoma State University;
Joseph Ripberger, University of Oklahoma; Hank
Jenkins-Smith, University of Oklahoma; Carol
Silva, University of Oklahoma; Michael Long,
Oklahoma State University*

The Influence of National Park Designation on Tourism Demand in Austria

Katharina Poell, University Innsbruck*

Economic Impacts of Climate Affected Snow Depths on Wyoming's Snowmobile Recreation

*Kelsey Lensegrav, University of Wyoming;
Anders T Van Sandt*, University of Wyoming;
Christopher Bastian, University of Wyoming;
Kinsale Day, University of Wyoming; Stefan
Rahimi, University of Wyoming; Bart Geerts,
University of Wyoming*

Evaluating the Expansion of the Dairy Industry in the Southern Ogallala Aquifer Region

Bridget Guerrero, West Texas A&M University;
Justin Benavidez, Texas A&M AgriLife*

*Extension; Juan Pineiro, Texas A&M AgriLife
Extension*

Selected Paper Session 4: Production and Climate Change Sutcliffe Room A

Moderator: Brady Deaton, University of Guelph

Combating Climate Change with Soil Organic Carbon: The Effects of Cropping Choice

Devin A Serfas, University of California, Davis*

Shadow Price of Greenhouse Gas Emissions in Ontario Dairy Farms

Bibek Dahal, University of Guelph; Getu Hailu,
University of Guelph*

Climate Adaptation and Concentration in the U.S. Livestock Sector

Nathan D DeLay, Colorado State University;
Daniel Mooney, Colorado State University; John
Ritten, Colorado State University*

The Impact of Climate Change on Canadian Agriculture: A Parcel Level Ricardian Analysis

*Christopher E Kimmerer, University of Guelph;
Nicholas Bannon*, University of Guelph; Brady
Deaton*, University of Guelph*

Organized Symposium Session 2: A Session on Farm Management Research Mt. Currie Ballroom South

Organizer and Chair: Derek Brewin, University of Manitoba

Farm management as a research question – the potential gains.

Derek Brewin, University of Manitoba

Gains from BMPs, Evidence from the U.S.
Michael Langemeier, Purdue University

Gains from BMPs, Evidence from Ontario
Stephen Duff, Farm Management Canada

Recent Data Initiatives

Tim Regan, Statistics Canada

The Need for Farm Management Extension
Heather Watson, Farm Management Canada

The Role of Private Advisors
Larry Martin, Principal at Agri-Food Management Excellence Inc.

Selected Paper Session 5: Consumer Demand, Food, and Labeling

Sutcliffe Room B

Moderator: Jill Hobbs, University of Saskatchewan

Impact of Data Selection on U.S. Retail Meat Demand Elasticity Estimates
Jaime Luke, Kansas State University; Glynn Tonsor, Kansas State University*

Are Mexican Consumers Really Averse to GMO Maize?

Katie Loethen, University of Arkansas; Lawton Nalley, University of Arkansas; Brandon McFadden, University of Arkansas; Wei Yang, University of Arkansas; Alvaro Durand-Morat, University of Arkansas; Khondoker Mottaleb, University of Arkansas*

Consumer Willingness to Pay for a Beef Steak: An Alternate Merchandising Strategy of the Beef Top Round

Jada Thompson, University of Arkansas; Michelle Kibler, Illinois State University; Bhishma Dahal, University of Tennessee; Brooklyn Epperson, University of Idaho; Michael Colle University of Idaho*

Narrow Vs. Broad? Assessing Consumer Preferences for Sustainability Label Breadth
Yang Yang, University of Saskatchewan; Jill Hobbs, University of Saskatchewan; Stuart Smyth, University of Saskatchewan*

CONCURRENT SESSIONS 2 AND ORGANIZED SYMPOSIA | SESSIONS PARALLÈLES 2 ET SYMPOSIUMS ORGANISÉS

10:30 AM - 12:00 PM

Selected Paper Session 6: Experimental and Behavioral Economics I

Black Tusk Room

Moderator: Ryan Feuz, Utah State University

A Query Theory Assessment of the Influence of Cultural Worldview on Willingness to Pay
Nathan P Kemper, University of Arkansas; Jennie Popp, University of Arkansas; Rudy Nayga, Jr., Texas A&M University*

Estimating Probabilities for Behavioral Intentions
Brandon McFadden, University of Arkansas; Emily Schlichtig, University of Arkansas; Aaron Shew, University of Arkansas*

The Unexpected Perils of Online Experiments
Linda Thunstrom, University of Wyoming; Chian Jones Ritten, University of Wyoming; Christopher Bastian, University of Wyoming*

A Comparison of Best-Worst Scaling Marginal and Rank Methods
Haotian Cheng, University of Arizona; Ryan Feuz, Utah State University; Dayton Lambert, Oklahoma State University*

Organized Symposium Session 3: Global Dairy Forage Demands and

Water Scarcity

Mt. Currie Ballroom North

Organizer and Chair: Russell Tronstad,
University of Arizona

Forage Needs of Dairy Cattle
Dr. Patrick Hatzenbuehler, University of Idaho

Alfalfa Hay and Indirect Water Exports
Dr. Russell Tronstad, University of Arizona

Guar as an Alternative Forage for Dairies,
Dr. Maryfrances Miller, New Mexico State University

Discussant: Dr. Shannon Neibergs

Selected Paper Session 7: Graduate Student Paper Competition II

Cheakamus Room

Moderators: Eric Belasco, Montana State University; Ashok Mishra, Arizona State University; Cory Walters, University of Nebraska - Lincoln

Uncovering Connections between Covid-19 and Softwood Lumber Prices
Rebecca Zanello, University of Victoria; Papa Yaw Owusu, University of Victoria; G. Cornelis van Kooten, University of Victoria*

Financially Optimal Culling Strategies for Canadian Cow-Calf Operations
Heidi R Tymko, University of Saskatchewan; Eric Micheels, University of Saskatchewan; Kathy Larson, University of Saskatchewan*

Agricultural Minimum Wage and US Agricultural Employment
SongYi Paik, University of Minnesota*

Sorting on Risk Preferences
Madeline Turland, University of California, Davis*

Selected Paper Session 8: Agricultural Marketing I

Diamond Head Room

Moderator: Hannah E Shear, Oklahoma State University

Investigating Consumer Choices in Tree Nut Purchases: A Random-Forest Approach
Hoyeon Jeong, University of Kentucky; Saber Feizy, University of Kentucky; Buddhika Patalee, University of Kentucky; Yuqing Zheng, University of Kentucky*

Assessing the Effect of Aesthetic Stimuli on Online Fresh Food Purchase
Yir-Hueih Luh, National Taiwan University, Taipei, Taiwan; Ting-Yu Yu, National Taiwan University, Taipei, Taiwan*

Evaluating the Impact of the Pandemic on Used Forage Machinery Values
Robert C Ellis, University of Kentucky; Tyler Mark, University of Kentucky; Christopher Ortiz, University of Kentucky*

Identifying Influencing Factors of Calf Management and Marketing Decisions
Hannah E Shear, Oklahoma State University; Kellie Curry Raper, Oklahoma State University*

Selected Paper Session 9: Decisions in Crop Production

Sutcliffe Room A

Moderator: Danny G LeRoy, University of Lethbridge

Effect of Early Harvest on Alfalfa Weevil
Brian Lee, University of Wyoming; John Ritten, Colorado State University; Randa Jabbour, University of Wyoming; Judith Herreid, University of Wyoming*

Drought Impacts on Crop and Soybean Acres and Yield Throughout the Crop Production Cycle
Erin Sumner, Colorado College; Minghao Li, New Mexico State University; Yau-Huo Shr, National Taiwan University*

Cost-Benefit Analyses of Manual versus Robot Apple Harvesting

Diane Charlton, Montana State University; Stephen Devadoss, Texas Tech University; Jeff Luckstead, Washington State University; Rosa Karina Gallardo, Washington State University; Stavros Vougioukas, University of California Davis*

Decision Making Under Uncertainty: Orchard Simulation Tool to Aid Treatment of Cytospora Canker

Brooke A Fitzgerald, Colorado State University; Dana Hoag, Colorado State University; Jude Bayham, Colorado State University; Jane Stewart, Colorado State University*

Optimum Long-term Canola-based Cropping Systems in the Presence of Clubroot

Danny G LeRoy, University of Lethbridge; Elwin Smith, University of Lethbridge; Scott Jeffrey, University of Alberta; Derek Brewin, University of Manitoba*

Organized Symposium Session 4: Papers from the CJAE Special Issue in Honor of James Rude Mt. Currie Ballroom South

Organizer and Chair: Ryan Cardwell, University of Manitoba

The Impact of Covid-19 on Price Transmission and Volatility Spillovers in the Canadian Beef Supply Chain

Henry An, University of Alberta; Feng Qui, University of Alberta; Yanan Zheng, University of Alberta; Meng Yang, University of Alberta

Explaining the growth over time in milk quota prices: the case of Alberta

Richard Barichello, University of British Columbia

Bioenergy Feedstock Supply from Wheat Straw: A Farm Level Model Incorporating Trade-offs in Crop Choices, Disease Risk and Soil Fertility
Grant Hauer, University of Alberta; Curtis McKnight, University of Alberta; Marty Luckert, University of Alberta; Feng Qiu, University of Alberta

Selected Paper Session 10: Agricultural Policy Sutcliffe Room B

Moderator: Tiffany Lashmet, Texas AgriLife Extension

Dairy Revenue Protection Choice Determinants
Wyatt A Haley, University of Tennessee; Charles Martinez, University of Tennessee; Christopher Boyer, University of Tennessee*

An Evaluation of Alternatives for Updating Base Acres in Western States

Alexis N Ghormley, Texas A&M University; Joe Outlaw, Texas A&M University; Bart Fischer, Texas A&M University; David Anderson, Texas A&M University; Henry Bryant, Texas A&M University*

An Economic Evaluation of Margin-Focused Commodity Programs on Western State Farmers
Helen C. Wakefield, Texas A&M University; Joe Outlaw, Texas A&M University; Bart Fischer, Texas A&M University; Henry Bryant, Texas A&M University*

Farm Program Payment Limitation Impacts on Farm Transition Planning

Tiffany Lashmet, Texas AgriLife Extension; Bart Fischer, Texas A&M University; Shannon Ferrell, Oklahoma State University*

CONCURRENT SESSIONS 3 AND ORGANIZED SYMPOSIA | SESSIONS PARALLÈLES 3 ET SYMPOSIUMS ORGANISÉS

1:30 PM - 3:00 PM

Selected Paper Session 11: International Development, Gender, and Food Security Black Tusk Room

Moderator: Nicholas Tyack, University of Saskatchewan

Consecutive farming and resilience: linking agriculture, food security and nutrition
*MingDa Li**, McGill University; *Aurelie Harou*, McGill University; *Averi Chakrabarti*, American Institutes for Research

On Rice and Weddings: Impacts of Food Assistance on Child Marriage in Indonesia
*Aaron Lorenz**, University of Guelph; *Yu Na Lee*, University of Guelph

Climate-smart Agriculture and Food Security: Cross-country Evidence from West Africa
*Martin Paul Jr Tabe-Ojong**, IFPRI

Income and the Demand for Food
*Marc F. Bellemare**, University of Minnesota

Risk preferences, gender, and farmer demand for climate-resilient rice seed
*Nicholas Tyack**, University of Saskatchewan; *Aminou Arouna*, AfricaRice; *Rachidi Aboudou*, AfricaRice

Organized Symposium Session 5: Economic and Legal Considerations with Carbon Markets for Livestock Producers Mt. Currie Ballroom North

Organizer and Chair: Tiffany Dowell Lashmet (Texas A&M AgriLife Extension)

Jordan Shockley, University of Kentucky

Justin Benavidez, Texas A&M AgriLife Extension

Tiffany Lashmet, Texas A&M AgriLife Extension

Selected Paper Session 12: Water Issues Cheakamus Room

Moderator: Sherzod B. Akhundjanov, Utah State University

Dust in the Wind: Impacts of Water Scarcity on Particulate Matter Concentrations
*Alex Maas**, University of Idaho; *Jude Bayham*, Colorado State University; *Crooks James*, National Jewish Health

Go nuts! How droughts, competing crops and decreasing honeybee colony crack California almonds
*Bob Maltsbarger**, University of Missouri; *Joe Dewbre*, independent researcher, United States; *Wyatt Thompson*, University of Missouri; *Hoa Hoang*, University of Missouri

Producer Response to Groundwater Quality Concerns: Are Concerned Producers Watering Less?
*Grant E Gardner**, University of Kentucky

Left in the Dust? Environmental and Labor Effects of Rural-Urban Water Sales
*Sherzod B. Akhundjanov**, Utah State University

Selected Paper Session 13: Best Management Practices (BMPs) and Sustainable Agriculture

Diamond Head Room

Moderator: Jourdain C. Lokossou, Université Laval

Identifying and Overcoming Barriers to Adoption of Regenerative Agricultural Practices in the Southern Great Plains

Trevor D Johnson, Texas Tech University; Donna McCallister, Texas Tech University; Allen Berthold, Texas Water Resources Institute*

L'effet de l'empowerment des agricultrices rurales sur l'adoption des pratiques agroenvironnementales; cas des productrices d'oignons de Baguinéda au Mali.

Raoul B YARO, Université Laval; Ibrahima Bocoum, Université Laval; Lota Tamini, Laval University*

Role of rural agricultural extension efforts in the Adoption of the Environmental Farm Plan (EFP) and Best Management Practices (BMPs) in Alberta

Kamola Abdurasulova, University of Alberta; Peter Boxall, University of Alberta*

Adoption des Pratiques de gestion bénéfique (PGB) et efficience technique des fermes agricoles canadiennes: Effets des facteurs comportementaux

Raoul B YARO, Université Laval; Lota Tamini, Laval University; Ibrahima Bocoum, Université Laval*

A Choice Experiment Approach to Inform Policy for Increasing Conservation Practice Adoption

Shuiqin Yu, Colorado State University; Marco Costanigro, Colorado State University; Dana Hoag, Colorado State University*

Selected Paper Session 14: Farm and Ranch Management

Sutcliffe Room A

Moderator: Kynda R Curtis, Utah State University

Grazing Management Plan Adoption in the United States Beef Industry

Minfeng Tang, University of Calgary; Cassie Aherin, Kansas State University; Dustin Pendell, Kansas State University*

A bio-economic modeling analysis of livestock grazing on rangelands utilizing a supplementary spring grazing resource

Jessica L Windh, University of Nebraska - Lincoln; Jay Parsons, University of Nebraska - Lincoln*

Which Ranch and Rancher Attributes are Associated with Satisfaction and Confidence in Decision-Making?

Brooklyn Wong, University of Saskatchewan; Kathy Larson, University of Saskatchewan; Eric Micheels, University of Saskatchewan*

An Assessment of Drought Management Actions on Native Cattle Ranches in the US Southwest

Tatiana Drugova, Utah State University; Kynda R Curtis, Utah State University; Man-Keun Kim, Utah State University*

Organized Symposium Session 6:

Supply Chain Resilience in the Agri-Food Sector

Mt. Currie Ballroom South

Organizer and Chair: Dr. Jill E. Hobbs, University of Saskatchewan

What is food supply chain resiliency and why does it matter?

Jeff Hadachek, University of California, Davis and University of Wisconsin-Madison; Jill E. Hobbs, University of Saskatchewan

Resilience in the Canadian Agri-Food Supply Chains: Lessons from COVID and beyond

Mike von Massow, University of Guelph

Insights on resiliency in the meat and livestock sector, *Glynn Tonsor, Kansas State University*

How did the pandemic-era shift in consumer expenditures vary across retailer types? Evidence from counterfactual COVID-19 scenarios.

*Mackenzie Gill, Colorado State University;
Alessandro Bonanno, Colorado State University;
Dawn Thilmany, Colorado State University*

**Selected Paper Session 15:
Agricultural Trade
Sutcliffe Room B**

Moderator: William Kerr, University of
Saskatchewan

Effects of tariff and non-tariff barriers on India-
US Agricultural Trade
Ram N Acharya, New Mexico State Uni; Yejun
Choi, Texas Tech University; Madhav Regmi,
New Mexico State University; Stephen Devadoss,
Texas Tech University*

The Trade Effects of Regional Trade Agreements
on Technical Barriers to Trade: using DESTA
Database

Yejun Choi, Texas Tech University; Fabio
Santeramo, University of Foggia; Stephen
Devadoss, Texas Tech University*

Estimating the Effects of Rising International
Corn Production and Trade on the US and Global
Corn Market

Saroj Adhikari, University of Idaho; Xiaoli
Etienne, University of Idaho; Andres Trujillo-
Barrera, University of Idaho; Michael
McConnell, USDA; Angelica Williams, USDA*

Free trade agreements and the survival of
Canadian agri-food exports

Christopher E Kimmerer, University of Guelph;
Getu Hailu, University of Guelph; Sylvanus
Kwaku Afesorgbor, University of Guelph*

**CAES PRESIDENTIAL AND FELLOWS ADDRESSES |
ADRESSES PRÉSIDENTIELLE ET DES BOURSIERS DE
LA SCAÉ**

3:30 PM - 5:00 PM | Cheakamus Room

**3:30 PM - 4:15 PM: Presidential Address: Implications of Increasing
Automation in Primary Agriculture
Tristan Skolrud, University of Saskatchewan**

In developed countries, farming occupies a smaller share of labour than it ever has. Technology, automation, and genetic advancements have contributed to this phenomenon; an innovation process hundreds of years in the making. And while most sectors of the economy are preoccupied with the plight of labour in line for replacement by automation, I argue in this presidential address that the larger concern for agriculture is the capital-intensified industry that's left behind—what happens to agriculture without farmers? I discuss possible influences of automation on land tenure, the adoption of best management practices and land use, climate mitigation and adaptation, and perhaps most importantly, potential changes in the control over farm-level decision making. The coming advances in automation are set to remake the agricultural sector—but a proportional increase in welfare for participants throughout the sector is far from assured.

**4:15 PM - 5:00 PM: Fellows Address: Does, Should, and Can Econometrics
exist beyond Panel Models in Agricultural Economics
Alan Ker, Michigan State University**

There is certainly some recency bias on my part in the title in that I could easily supplant “panel models” with “randomized control trials”, “artificial intelligence”, or a few decades ago “nonparametrics”. In the past few months, I heard the statement that “artificial intelligence will kill econometrics” and have been asked by an Editor “why did I not use fixed effects” even though no panel model was estimated. Similarly, a few decades ago I heard arguments that the “space of models is dense and so the probability of choosing the correct specification is necessarily zero so one has to use nonparametric rather than parametric methods.” I investigate why this myopic behaviour is and always has been too pervasive, why only through the lens of history do we see various econometric approaches as complementary rather than competing, and why this will unfortunately continue into the future.

ANNUAL BUSINESS MEETING AND WAEA PRESIDENTIAL ADDRESS | ASSEMBLÉE GÉNÉRALE ANNUELLE ET ADRESSE PRÉSIDENTIELLE DE LA WAEA

3:30 PM - 5:30 PM | Mt. Currie Ballroom South

**3:30 PM - 4:15 PM: Presidential Address: Integrating Economics with other
Factors in Managing Natural Resources: Successes and Limitations
Karina Schoengold, University of Nebraska-Lincoln**

Natural resource managers and legislators have been inconsistent with incorporating incentives and economic recommendations in natural resource policy design. While this is a consistent theme across many natural resources, one area where it is especially relevant is water management. Water transcends boundaries in complex ways, creating challenges for appropriate regulation. Water quantity regulations, which vary by state in the western United States, will be a focus of the talk. Economic guidelines, physical realities, and legal constraints for both groundwater and surface water systems will be discussed. Recommendations on policy designs that reconcile biophysical and political realities with relevant incentives will be highlighted.

CAES ANNUAL BUSINESS MEETING | ASSEMBLÉE GÉNÉRALE ANNUELLE DE LA SCAÉ

5:00 PM - 6:30 PM | Cheakamus Room

CAES BANQUET AND AWARDS CEREMONY | BANQUET ET CÉRÉMONIE DE REMISE DES PRIX DE LA SCAÉ

7:00 PM - 9:00 PM | Mt. Currie Ballroom South

Join us in celebrating this year’s award winners!
Banquet tickets are included in the registration
fee. Registrants must wear name badges to enter.

Joignez-vous à nous pour célébrer les lauréats de
cette année ! Les billets pour le banquet sont
inclus dans les frais d'inscription. Les personnes
inscrites doivent porter leur badge nominatif pour
entrer.

WAEA BANQUET AND AWARDS CEREMONY | BANQUET ET CÉRÉMONIE DE REMISE DES PRIX DE LA WAEA

7:00 PM - 9:00 PM | Mt. Currie Ballroom North

Join us in celebrating this year's award winners!
Banquet tickets are included in the registration
fee. Registrants must wear name badges to enter.

Joignez-vous à nous pour célébrer les lauréats de
cette année ! Les billets pour le banquet sont
inclus dans les frais d'inscription. Les personnes
inscrites doivent porter leur badge nominatif pour
entrer.

WEDNESDAY | MERCREDI
July 19 juillet

CONCURRENT SESSIONS 4 AND ORGANIZED SYMPOSIA | SESSIONS PARALLÈLES 4 ET SYMPOSIUMS ORGANISÉS

8:30 AM - 10:00 AM

Organized Symposium Session 7: Farm Policy Impacts on Farm Transitions

Mt. Currie Ballroom North

Organizer and Chair: Shannon Ferrell, Oklahoma
State University

Bart Fischer, Texas A&M University

Shannon Ferrell, Oklahoma State University

Tiffany Lashmet, Texas AgriLife Extension

JC Hobbs, Oklahoma State University

Guido van der Hoeven, North Carolina State
University

**Selected Paper Session 16: Food
Security**
Diamond Head Room

Moderator: Sylvanus Kwaku Afesorgbor,
University of Guelph

What contributes to the gap in nutritional quality
across food security status?

*Duoyu Wang**, Colorado State University;
Rebecca Cleary, Colorado State University

Impact of Covid-19 on food prices in remote
Indigenous Communities- The case of Fox Lake
in Little Red River Cree Nation (LRRCN)

*Emmanuel Matthew**, University of
Saskatchewan

Federalism, Immigration, and Food Insecurity
*Shellye A Suttles**, Indiana University; *Andrea
Silva*, University of North Texas

Context matters: Oil palm production and
women's dietary diversity in the tropical forest of
Cameroon

*Martin Paul Jr Tabe-Ojong**, (IFPRI)

**Selected Paper Session 17:
Consumer Preference for Plant-
based Diet
Black Tusk Room**

Moderator: Peter Slade (University of Saskatchewan)

Got Plant-Based Milk? U.S. Consumer Loyalty to Plant-Based Options

Buddhika Patalee, University of Kentucky; Hoyeon Jeong, University of Kentucky; Saber Feizy, University of Kentucky; Tyler Mark, University of Kentucky*

An Analysis of Consumer Response to Plant-based Meat Alternative Labelling Policy

Liam J. S. Boldt, University of Saskatchewan; Jill Hobbs, University of Saskatchewan*

Do Protein Claims Affect Consumers' Choice of for Plant-Based versus Traditional Food Products? Evidence from Canada

Mike von Massow, University of Guelph; Zhe Peng, University of Guelph*

What do people eat when they eat less meat?

Peter Slade, University of Saskatchewan*

**Organized Symposium Session 8:
Canadian Farmland Market Amid
Disruptions in the Ag Economy
Mt. Currie Ballroom South**

Organizer and Chair: J.P. Gervais, Farm Credit Canada

Past, Present, and Future of Canadian farmland values

Dr. J.P. Gervais, Farm Credit Canada

Farmland Price-Rent Surveys: Observations and Opportunities for Research-Based Outreach

Professor Brady Deaton, University of Guelph

Discussant: Chad Lawley, University of Manitoba

**Selected Paper Session 18: Water
and Energy
Sutcliffe Room A**

Moderator: Nimanthika Lokuge, University of Alberta

To What Extent Does Wind Replace Fossil Fuels in Power Generation: Evidence from Alberta

Yin Shi, University of Victoria; Gerrit Cornelis van Kooten, University of Victoria*

A dynamic economic analysis of oil sands processed water (OSPW) treatment alternatives in Alberta

Jerico Fiestas Flores, University of Alberta; Vic Adamovicz, University of Alberta; Grant Hauer, University of Alberta*

Risk and Uncertainty of Solar Investment

Michael Popp, University of Arkansas*

Heterogeneity in Public Perceptions of Hydraulic Fracturing: A Latent Class Analysis

Abdul-Hamid Mohammed, University of Alberta; Sven Anders (University of Alberta); Nimanthika Lokuge, University of Alberta*

**Selected Paper Session 19:
Production and Farm/Ranch
Management
Cheakamus Room**

Moderator: Daniel Mooney (Colorado State University)

Risks and Uncertainty Associated with Prices Set by Boarding Facility Owners

Michelle Kibler, Illinois State University; Jada Thompson, University of Arkansas; Jennie Ivey, University of Tennessee*

Market, Environmental, and Policy Implications of Manure-based Fertilizer Development in Idaho: An Agent-Based Approach

Xuejian Wang, University of Idaho; Patrick Hatzenbuehler, University of Idaho Extension*

Analysis of Output Efficiency in the Ogallala Aquifer Region: Examining the Impact of Irrigation and Climate Variables

Bruno Chaves Morone Pinto, University of Nebraska-Lincoln; Lilyan Fulginiti, University of Nebraska-Lincoln; Richard Perrin, University of Nebraska-Lincoln*

Evaluating Economic and Environmental Impacts of Dairy Manure Management Systems

Erin E Scott, University of Arkansas; Sudharsan Varma Vempalli, University of Arkansas; Jacob Hickman, University of Arkansas; Richard Stowell, University of Nebraska-Lincoln; Teng Lim, University of Missouri; Lauren Greenlee, Pennsylvania State University; Greg Thoma, Colorado State University; Gilbert Miito, University of Missouri; Jennie Popp, University of Arkansas*

Not So Flat Payoff Functions? Production Risk and Economically Optimal Irrigation Decisions

Daniel Mooney, Colorado State University; Nathan D DeLay, Colorado State University*

**Selected Paper Session 20: Health, Food, and Agricultural Policy
Sutcliffe Room B**

Moderator: Ravinderpal Singh Gill, AAFC

The Influence of the 2011 Standard Reinsurance Agreement Cap on Crop Insurance Agent Commissions. Did Agents expand or leave?

Cory Walters, University of Nebraska - Lincoln; Nathan D DeLay, Colorado State University*

Recurrent Event Survival Analysis of Repeated Food Recalls: Some Insights from the U.S.

Sherzod B. Akhundjanov, Utah State University*

Predicting future U.S. grain export demand elasticities and their decomposition using a partial equilibrium model

Fazal Malakhail, University of Missouri; Deepayan Debnath, University of Missouri; Malieka Landis, University of Nevada Reno; Wyatt Thompson, University of Missouri*

An Empirical Evaluation of the Effectiveness of the US Tobacco Control Policies

Vardges Hovhannisyan, University of Wyoming; Vahe Heboyan, Augusta University*

Economic Analysis of the Canadian Pork Supply Chain

Ravinderpal Singh Gill, Agriculture and Agri-Food Canada*

CONCURRENT SESSIONS 5 AND ORGANIZED SYMPOSIA | SESSIONS PARALLÈLES 5 ET SYMPOSIUMS ORGANISÉS

10:30 AM - 12:00 PM

**Organized Symposium Session 9:
The Economics of Animal Health Burdens
Mt. Currie Ballroom North**

Organizer and Chair: Thomas L. Marsh, Washington State University

Economic Effects of Animal Disease Mitigation in Ethiopia: A Computable General Equilibrium Analysis

Amanda Countryman, Colorado State University

Economic Burden of Animal Health: A Case Study of the U.S. Broiler Industry

Jada Thompson, University of Arkansas

Economic Impact of Animal Health Improvement in Ethiopia: A Partial Equilibrium Model of Small Ruminants

Golam Saroare Shakil, Washington State University

Discussant: Dustin Pendell, Kansas State University

Selected Paper Session 21: Labour and Employment

Diamond Head Room

Moderator: Jose Nuno-Ledesma, University of Guelph

The Dust Bowl and Occupational Persistence in the 20th Century US Agriculture
*Jhih-Yun Liu**, University of Minnesota

The Value of Skill Vacancies in the Primary Agriculture and Food Processing Sectors
*Jill Smilestone**, Agriculture and Agri-Food Canada; *Deepananda Herath*, Agriculture and Agri-Food Canada

Do higher wage offerings lead to lower job vacancies in the agri-food system?
*Deepananda Herath**, Agriculture and Agri-Food Canada; *Jill Smilestone*, Agriculture and Agri-Food Canada; *Tien Trinh*, Agriculture and Agri-Food Canada

Workers, Workplaces, Sorting, and Wage Dispersion in Mexico
*Jose Nuno-Ledesma**, University of Guelph; *Jorge Perez Perez*, Banco de Mexico

Selected Paper Session 22: Environmental Policy

Black Tusk Room

Moderator: Albert Boatey, Newcastle University

Waste Not, Want Not: Climate Policies and the Economics of Logging Residuals
*Gerrit Cornelis van Kooten**, University of Victoria; *Dawit Guta*, University of British Columbia; *Harry Nelson*, University of British Columbia; *Kurt Niquidet*, BC Council of Forest Industries

What is the Optimal Rate and N2O Mitigation Policy for Nitrogen Application in Saskatchewan Canola?
*Michelle L Ross**, University of Saskatchewan; *Richard Gray*, University of Saskatchewan

Adopting Carbon Reduction Projects: Case for the Idaho Dairy Industry
*Tyler Hand**, University of Idaho; *Andres Trujillo-Barrera*, University of Idaho; *Hernan Tejada*, University of Idaho; *Xiaoli Etienne*, University of Idaho

Slow Violence of Waste: Evidence from Chinese Environmental Policy
*SongYi Paik**, University of Minnesota

Farmer Perspectives on Carbon Mitigation Policy: A Survey of Canadian Dairy Farmers
*Albert Boatey**, Newcastle University

Organized Symposium Session 10: How Similar Are Dietary Transitions Across Countries and Cultures?

Mt. Currie Ballroom South

Organizer: Edoardo Maria Pelli, Technical University of Munich

Chair: Brent Swallow, University of Alberta

The diet transition process: a cross-country analysis of plant-based milk alternatives
Yiyuan Miao, Renmin University; *Brent Swallow*, University of Alberta; *Ellen Goddard*, University of Alberta; *Jiping Sheng*, Renmin University

Diet Transitions: a cross-country analysis of nutritional, environmental, and ethical aspects of foods
Edoardo Maria Pelli, Technical University of Munich; *Ellen Goddard*, University of Alberta; *Jutta Roosen*, Technical University of Munich

Canadian consumer perceptions of trade-offs between beef raised with different levels of antimicrobial use and animal welfare implications of reduced antimicrobial use
Michael Olufemi, University of Alberta; *Xiaoli Fan*, University of Alberta; *Henry An*, University of Alberta; *Simon Otto*, University of Alberta

Selected Paper Session 23: Farm Succession Planning, Extension, and Teaching

Sutcliffe Room A

Moderator: Kate Fuller, Montana State University

Succession Planning on Canadian Farms - Evidence from the 2019 Farm Financial Survey
Jennifer Syme, AAFC*

Establishing an AG LEGACY
John P Hewlett, University of Wyoming; Caleb Carter, Weston County Natural Resource District*

Helping or Hurting: Standardized Tests as a Predictor of the Success of Agricultural Economics Students
Chelsea J Arnold, West Texas A&M University; Hannah E Shear, Oklahoma State University*

Generational Transfer on Representative Ranches
Natalie Graff, Texas A&M University; Joe Outlaw, Texas A&M University; Bart Fischer, Texas A&M University; Henry Bryant, Texas A&M University*

Selected Paper Session 24: Land Values

Cheakamus Room

Moderator: Chad Lawley, University of Manitoba

Impact of the Ontario Greenbelt legislation on land and housing values in the rural-urban fringe area of the Greater Toronto Area
Edwige Tia, Holy Cross College at Notre Dame; Brady Deaton, University of Guelph; Richard Vyn, University of Guelph*

A laboratory experiment to assess the impact of risk preferences on land bidding values
Long Gao, Texas Tech University; Donna McCallister, Texas Tech University; Ryan B. Williams, Texas Tech University; Trevor D. Johnson, Texas Tech University*

Conserved habitat and neighboring farmland values
Chad Lawley, University of Manitoba; Patrick Ndolo, Statistics Canada*

Selected Paper Session 25: Consumer Behavior and Novel Foods

Sutcliffe Room B

Moderator: Mary Doidge, McGill University

Consumer preferences for lab-grown meat, plant-based meat alternatives and conventionally raised meat in South Africa
Chiedza Tsvakirai, University of South Africa; Lawton Nalley, University of Arkansas; Shelby Rider, University of Arkansas; Makgopa Tshehla, Unisa*

Do credence attributes matter in consumers' choice of gene-edited foods? Evidence from Canada
Mike von Massow, University of Guelph; Zhe Peng, University of Guelph; Jennifer Leslie, University of Guelph*

Emotions, Affect and GM Food Acceptance
Emma Burger, Finance Canada; Yu Na Lee, University of Guelph; Andreas Boecker, University of Guelph*

The impact of social media and misinformation on consumers' acceptance of and WTP for cell cultured meat
Pierre Soudry, McGill University; Mary Doidge, McGill University*

CONCURRENT SESSIONS 6 AND ORGANIZED SYMPOSIA | SESSIONS PARALLÈLES 6 ET SYMPOSIUMS ORGANISÉS

1:30 PM - 3:00 PM

Organized Symposium Session 11: Using Social Media to Deliver Research and Policy Implications to Farmers and Ranchers: Considerations and Struggles of an Online Presence Mt. Currie Ballroom North

Organizer and Chair: Candice L Foster, Texas A&M and Southern Ag Today

Tiffany Lashmet, Texas A&M AgriLife Extension

Paul Goeringer, University of Maryland

Joe Outlaw, Texas A&M University

Candice Foster, Texas A&M and Southern Ag Today

Selected Paper Session 26: International Development Diamond Head Room

Moderator: Sabine Liebenehm, University of Saskatchewan

Direct and Indirect Effects of Large-scale Tree Planting on Local Economic Development: Evidence from China
Yanxu Long, University of Minnesota*

The impact of refugee camps on land cover in Cox's Bazar, Bangladesh
Colette Salemi, University of Victoria*

The Agricultural and Economic Implications of the Caracol Industrial Park in Northern Haiti

Liam D Kelly, University of Northern British Columbia; Juan Delgado, University of Northern British Columbia*

Realized and elicited cooperation under water scarcity: evidence from a field experiment in Tanzania

Charlotte Aubrac, McGill University; Aurelie Harou, McGill University; Soumya Balasubramanya, Word Bank; Chris Magomba, Sokoine University of Agriculture; Kathryn Nadine Vasilaky, California Polytechnic State University*

Selected Paper Session 27: Agricultural Price Analysis Black Tusk Room

Moderator: Mehdi Arzandeh, Lakehead University

Understanding the Relationship Between Calf Prices and Calf Characteristics Across Auctions: A Spatial Approach
Amadeo F Panyi, Oklahoma State University; Kellie Curry Raper, Oklahoma State University; Derrell S Peel, Oklahoma State University*

A Hedonic Price Analysis of Meat Goat Auction Markets
Sunil P Dhoubhadel, Prairie View A&M University; Binod Khanal, Prairie View A&M University*

Macroeconomic Shock Implications for Fed Cattle Quality Grade Price Risk
Scott W Fausti, California State Univ. Monterey Bay; Hernan Tejeda, University of Idaho; Matthew Diersen, South Dakota State University; Evert Van der Sluis, South Dakota State University*

How is information incorporated into prices? A market microstructure analysis

Julieta Frank, University of Manitoba; Mehdi Arzandeh, Lakehead University; Justin Daniels University of Manitoba*

**Selected Paper Session 28:
Experimental and Behavioral
Economics II
Sutcliffe Room A**

Moderator: Maik Kecinski, University of Delaware

Impacts of Strategy Information on Seller Outcomes in Bargaining Experiments

Bree Thompson, University of Wyoming; Christopher Bastian, University of Wyoming; Chian Jones Ritten, University of Wyoming; Steven Smutko, University of Wyoming; Vardges Hovhannisyan, University of Wyoming; Amy Nagler, University of Wyoming*

Induced seismicity and public perception of hydraulic fracturing – A vignette experiment

Nimanthika Lokuge, University of Alberta; Jordan Phillips, University of Alberta; Sven Anders, University of Alberta; Mirko van der Baan, University of Alberta*

What information is most used in bull buying: an eye tracking study

Charles Martinez, University of Tennessee; Christopher Boyer, University of Tennessee; Samir Huseynov, Auburn University; Troy Rowan, University of Tennessee*

Asymmetric Order Response in a Newsvendor Experiment

Mike von Massow, University of Guelph*

Inequity Aversion, Mandates, and the Provision of Public Goods

Caroline Johnson, University of Delaware; Maik Kecinski, University of Delaware*

**Selected Paper Session 29: Risk
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Moderator: Stephanie Rempe, Olds College of Agriculture & Technology / Algo-Rhythm Corp.

Exploring the Causes and Implications of Price Spikes: The Case of Canola

Derek Brewin, University of Manitoba; David Simonot, Manitoba Agriculture*

Effect of Weather Disturbances on Spring and Winter Wheat Price Spread

Aayush R Dhakal, University of Idaho; Xiaoli Etienne, University of Idaho; Andres Trujillo-Barrera, University of Idaho*

Testing for Structural Change in Higher Moments/Tail Probabilities with Unknown Breaks: Application to Pricing Crop Insurance Contracts

Hanjun Lu, University of Guelph; Alan Ker, Michigan State University*

Resilience of Multipurpose Agricultural Commodity Markets to Weather-induced Anticipation of Supply Shocks

Alankrita Goswami, University of Manitoba; Berna Karali, University of Georgia*

Price Risk Reduction using Optimized Producer Hedging Portfolios: A Mean-Variance Approach

Stephanie Rempe, Olds College of Agriculture & Technology / Algo-Rhythm Corp.*

**Selected Paper Session 30:
Conservation
Sutcliffe Room B**

Moderator: Amy Hagerman, Oklahoma State University

Biodiversity Conservation Policy Support: Willingness to Pay for Fish Restoration in the Smoky Hill River Watershed in the Central Great Plains of Kansas, USA

Eliyasu Y Osman, Kansas State University; Jason Bergtold, Kansas State University*

Does Destroying Wildlife Reduce Human-Wildlife Conflict? Evidence from Black Bears in British Columbia

Prasun Ghimire, University of British Columbia; Sumeet Gulati, University of British Columbia; Felix Pretis, University of Victoria; Sara Wray-Enns, University of Victoria*

Valuing biodiversity as an ecosystem service to agroecosystems through endogenous production decisions

Katie Lee, University of Idaho; Stephanie Brockmann, University of New Hampshire; Jennifer Rushlow, Illinois Wesleyan University*

Incorporating Ecological, Landowner, and Public Finance Benefits into Conservation Program Design for Migratory Species

Chian Jones Ritten, University of Wyoming; Roger Coupal, University of Wyoming; Kristiana Hansen, University of Wyoming*

Oklahoma Climate Conversations: Identifying Perceptions and Challenges for Conservation

Amy Hagerman, Oklahoma State University; Cole Spain, Oklahoma State University; Clay Pope, Southern Plains Climate Hub; Andres Cibils, Southern Plains Climate Hub; Susan Eisenhour, Southern Plains Climate Hub*

CONCURRENT SESSIONS 7 AND ORGANIZED SYMPOSIA | SESSIONS PARALLÈLES 7 ET SYMPOSIUMS ORGANISÉS

3:30 PM - 5:00 PM

Selected Paper Session 31: Climate, Environment, and Natural Disasters **Mt. Currie Ballroom North**

Moderator: Kristiana Hansen, University of Wyoming

Differences in Homeowner Preparedness and Perceptions of Wildfire in the Western U.S.: The Plains vs. The Mountains

Mariam H Gharib, Kansas State University; Jason Bergtold, Kansas State University*

The Environmental Impacts of Microfinance: An Empirical Study of Index-Based Livestock Insurance and East African Rangelands

Steven W Wilcox, Utah State University*

Quantifying Drought Impacts on Oklahoma's Rural Communities

Katherine L Welch, Oklahoma State University; Dayton Lambert, Oklahoma State University; Amy Hagerman, Oklahoma State University; Tyson Oschner, Oklahoma State University; Lixia H Lambert, Oklahoma State University; Erik Krueger, Oklahoma State University; Paul Weckler, Oklahoma State University

Equitable Response to Natural Disasters: Evidence from Aviation Use During Wildfire

Calvin R Bryan, Colorado State University; Jude Bayham, Colorado State University; Matthew P. Thompson, U.S. Forest Service*

Public Preferences for Community Programs to Address Water-Related Natural Hazards

Kristiana Hansen, University of Wyoming; Anders T Van Sandt, University of Wyoming; Mariah Ehmke, USDA-ERS; Kaatie Cooper, Kent State University; Mary Keller, University of Wyoming; Kristen Landreville, University of Wyoming; Ginger Paige, University of Wyoming; Jacqueline Shinker, University of Wyoming*

Selected Paper Session 32: Economic Growth, Urbanization, and Structural Changes **Diamond Head Room**

Moderator: Pascal L. Ghazalian, University of Lethbridge

Agricultural Global Value Chains and Food Prices

Bernhard Dalheimer, University of Minnesota; Sunghun Lim, Louisiana State University; Marc F. Bellemare, University of Minnesota*

An Instrumental Variables Quantile Regression Framework for Analyzing the Urbanization-Economic Growth Link

Vardges Hovhannisyan, University of Wyoming; Serhat Asci, California State University, Fresno*

Examining the Drivers of Agricultural Output in Brazil's Economy: A Study of the Share of Agriculture in GDP (1996-2021)

Bruno Chaves Morone Pinto, University of Nebraska-Lincoln; Lilyan Fulginiti, University of Nebraska-Lincoln; Richard Perrin, University of Nebraska-Lincoln*

Subsistence Consumption in the Wake of Rising Urbanization

Vardges Hovhannisyan, University of Wyoming*

The Effects of Economic Globalization on Female Employment in Agriculture and Other Sectors

Pascal L. Ghazalian, University of Lethbridge*

Selected Paper Session 33: Economics of Livestock and Integrated Crop-livestock Systems Black Tusk Room

Moderator: Merri E Day, Kansas State University

What is the optimal mix of diversification between crop and livestock enterprises for varying levels of risk aversion for farms in Kansas

Gregory Ibendahl, Kansas State University; Jon T Biermacher, North Dakota State University*

Farming Systems Diversification for Resilience Enhancement: Case of Crop-Livestock Integration in Nebraska

Maroua Ms. Afi, University of Nebraska Lincoln; Jay Parsons, University of Nebraska - Lincoln*

What Came First the Feed or the Chicken: A Spatiotemporal Evaluation of the Delmarva Broiler Industry

Elizabeth Thilmany, University of Maryland; Jada Thompson, University of Arkansas*

Economic Returns and Environmental Impacts of Cattle Feeding in Kansas

Merri E Day, Kansas State University; Ted Schroeder, Kansas State University; Taylor McAtee, Kansas State University; David Renter, Kansas State University*

Organized Symposium Session 12: Using Field-level and Satellite Data to Examine Farm Management Practices in Western Canada Mt. Currie Ballroom South

Organizer and Chair: Peter Slade, University of Saskatchewan

An overview of existing large-scale datasets for Western Canadian agriculture

Feryel Lassoued, University of Saskatchewan

The impact of rotations on yields of canola and pulse crops: evidence from field-level and satellite data

Ashly Dyck, University of Saskatchewan

The effects of agricultural insurance on optimal crop rotations in Saskatchewan

Blend Frangu, University of Saskatchewan

The impact of wetlands on agricultural yields

Peter Slade, University of Saskatchewan

Discussant: Derek Brewin, University of Manitoba

Selected Paper Session 34: Production and the Environment Sutcliffe Room A

Moderator: Lampros Nikolaos Maros, University of Saskatchewan

Valuing the Positive Externalities of Pesticide Use: Management of Lygus Bugs in the San Joaquin Valley of California

*Yanan Zheng**, University of California, Davis;
Rachael Goodhue, University of California, Davis

RICE model with a Canadian focus

*Atefeh Zeinolebadi**, University of Victoria;
Rebecca Zanello, University of Victoria; *Gerrit Cornelis van Kooten*, University of Victoria

Can Going Green Build Economic Resilience in the Rural Areas? Empirical Evidence from Taiwan

Yun-Cih Chang, National Taiwan University, Taipei, Taiwan; *Yir-Hueih Luh**, National Taiwan University, Taipei, Taiwan

Evaluating the effect of sense of place on producers' economic values for soil health improvements

*Kaouter Essakkat** University of Nebraska-Lincoln; *Karina Schoengold*, University of Nebraska

The Value of FHB Resistance and Other Varietal Characteristics to Saskatchewan HRS Wheat Producers

*Lampros Nikolaos Maros**, University of Saskatchewan; *Richard Gray*, University of Saskatchewan

Selected Paper Session 35: Technology and Innovation in Agriculture Cheakamus Room

Moderator: Eric Micheels, University of Saskatchewan

Dairy producer willingness to adopt big data technology: a qualitative assessment

Rolando Pina, Texas Tech University; *Kelly Lange**, Texas Tech University; *Vinicius*

Machado, Texas Tech University; *Christy Bratcher*, Texas Tech University

Intention to Adopt Precision Agriculture Technologies

*Gelareh Heidariharatmeh**, University of Saskatchewan; *Eric Micheels*, University of Saskatchewan

Automatic Milking Systems: An exploratory study of Wisconsin dairy farms

*Luis Pena-Levano**, University of Wisconsin - River Falls; *Shaheer Burney*, University of Wisconsin - River Falls; *Jalyssa Beaudry*, University of Wisconsin - River Falls

Impacts of Growth-Enhancing Technologies on Cattle Feeder Profitability in Canada

Breanne Smith, University of Manitoba; *Jared Carlberg**, University of Manitoba; *Jon T Biermacher*, North Dakota State University; *Gabriel Ribeiro*, University of Saskatchewan

Selected Paper Session 36: Agricultural Marketing II Sutcliffe Room B

Moderator: Justin Bina, Kansas State University

Predicting Current and Future Alfalfa Hay Prices in Seven Western States

*Dillon M. Feuz**, Utah State University; *Ryan Larsen*, Utah State University

Economic tool for marketing steers, a price slide decision making tool

John Ritten, Colorado State University; *Brian Lee*, University of Wyoming; *Jenny Beiermann**, Colorado State University

Demand Dashboards: Interactive Tools to Communicate Consumer Behavior

*Justin Bina**, Kansas State University; *Glynn Tonsor*, Kansas State University

THURSDAY| JEUDI
July 20 juillet

WESTERN EXTENSION COMMITTEE TOUR | TOUR DU COMITÉ DE VULGARISATION DE L'OUEST

9:30 AM - 1:00 PM

Join us for a half-day tour featuring the Cheakamus Community Forest and North Arm Farm that is a part of the vibrant agritourism sector in the Pemberton Valley. The Cheakamus Community Forest is co-managed by the Resort Municipality of Whistler and the Squamish and Lil'Wat Nations. The 33,000-hectare forest includes recreational trails, resource extraction, ecosystem management, and even carbon offsets. Our visit will include a walk through one of the forest's numerous trails with a representative from the organization explaining their management approach and answering questions. We will proceed to the nearby Pemberton valley, where a diverse, but constantly changing, agricultural sector exists. We'll visit North Arm Farm with time to enjoy a box lunch and self guided tour before returning to the hotel at 1:00PM.

Joignez-vous à nous pour une demi-journée de visite mettant en vedette la Forêt Communautaire de Cheakamus et la ferme North Arm qui fait partie du secteur dynamique de l'agritourisme dans la vallée de Pemberton. La Forêt Communautaire de Cheakamus est cogérée par la municipalité de villégiature de Whistler et les nations Squamish et Lil'Wat. Cette forêt de 33 000 hectares comprend des sentiers de loisirs, l'extraction de ressources, la gestion des écosystèmes et même des compensations de carbone. Notre visite comprendra une promenade sur l'un des nombreux sentiers de la forêt avec un représentant de l'organisation expliquant leur approche de gestion et répondant aux questions. Nous nous rendrons ensuite dans la vallée voisine de Pemberton, où existe un secteur agricole diversifié mais en constante évolution. Nous visiterons la ferme North Arm en prenant le temps de savourer des boîtes à lunch et une visite guidée autonome avant de retourner à l'hôtel à 13h00.

BIOGRAPHIES

Kathryn Harrison, University of British Columbia



Kathryn Harrison is a Professor of Political Science at the University of British Columbia. She received Bachelor's and Master's degrees in Chemical Engineering before completing her PhD in Political Science. Professor Harrison has worked in the oil industry and as a policy analyst for both Environment Canada and the United States Congress. She has served as Senior Associate Dean and Acting Dean in the UBC Faculty of Arts. Harrison has published widely on Canadian and US climate policy. She has advised governments from the local to international level, and is currently chair of the Expert Advisory Panel on climate mitigation of the Canadian Climate Institute and a member of the British Columbia Climate Solutions Council. Harrison is a frequent media commentator on climate policy, and tweets at @profkharrison.

Tristan Skolrud, University of Saskatchewan



Tristan Skolrud is an associate professor in the Department of Agricultural and Resource Economics at the University of Saskatchewan. His research focuses on the intersection between farm-level decision making and agri-environmental policy. Tristan has published in the leading journals of agricultural and resource economics, including the American Journal of Agricultural Economics, the Canadian Journal of Agricultural Economics, and the Journal of Agricultural and Resource Economics. Born and raised in Washington State, Tristan received a Ph.D. in economics from Washington State University in 2015 and an MA in economics from the University of Washington in 2011. At the University of Saskatchewan, Tristan teaches courses in agricultural finance and microeconomic theory.

Karina Schoengold, University of Nebraska-Lincoln



Karina Schoengold is a Professor in the Department of Agricultural Economics at the University of Nebraska-Lincoln. She is also a Faculty Fellow of the Daugherty Water for Food Global Institute at the University of Nebraska. She earned her B.S. in mathematics and economics from the University of Wisconsin-Madison and her M.S. and Ph.D. in Agricultural and Resource Economics from the University of California-Berkeley. She teaches undergraduate and graduate courses in natural resource and environmental economics. Dr. Schoengold's research interests are in the fields of environmental and natural resource economics, water resource economics, technology adoption, and ecosystem service valuation and has been published in both disciplinary and interdisciplinary journals, as well as book chapters, Extension publications, and newsletters. She has received funding for her research from sources such as USGS, USDA-NIFA, NSF, and local stakeholder groups.

Alan Ker, Michigan State University



After obtaining his joint Ph.D. in Economics and Statistics at North Carolina State University (09-92 to 03-96), Alan worked as a professor (and subsequently Head from 2002-07 in the Department of Agricultural and Resource Economics at the University of Arizona. In April 2009, Alan moved to Canada where he joined the Department of Food, Agricultural and Resource Economics in his new position as Chair and Professor. In September 2014, Alan concluded his 5-year term and became Director of the Institute for the Advanced Study of Food and Agricultural Policy. Alan served as the 2016-17 President of the Canadian Agricultural Economics Society and sits on

the editorial boards of the Canadian Journal of Agricultural Economics and the European Review of Agricultural Economics. In 2019, he became the OAC Research Chair in Agricultural Risk and Policy. Also in 2019, he became the Managing Editor of the Canadian Journal of Agricultural Economics. In 2021, Alan was named Fellow of the Canadian Agricultural Economics Society. Alan joined the Department of Agricultural, Food, and Resource Economics at Michigan State University where he holds the Elton R. Smith Endowed Chair in Food and Agricultural Policy.

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The UBC Master of Food and Resource Economics (MFRE) program is a unique one-year professional graduate degree which integrates Economics, Policy, and Business concepts to provide data-driven solutions that meet the challenges and opportunities in the food, resource, and the environmental sector. The MFRE program provides learners with knowledge and skills through a series of academic courses and concentrations paired with a 12-week work experience course and a full-year data analytic training program. MFRE graduates have diverse job prospects and an ability to contribute actionable insights to solve global sustainability issues.

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Panyi	Amadeo F.	Selected Paper Session 27
Owusu	Papa Yaw	Selected Paper Session 7
Parsons	Jay	Selected Paper Session 14, 33
Patalee	Buddhika	Selected Paper Session 8, 17
Peel	Derrell S.	Selected Paper Session 27
Pelli	Edoardo Maria	Organized Symposium 10
Pena-Levano	Luis	Selected Paper Session 35
Pendell	Dustin	Selected Paper Session 14
		Organized Symposium 9
Peng	Zhe	Selected Paper Session 17, 25
Perez Perez	Jorge	Selected Paper Session 21
Perrin	Richard	Selected Paper Session 19, 32
Pina	Rolando	Selected Paper Session 35
Pineiro	Juan	Selected Paper Session 3
Poell	Katharina	Selected Paper Session 3
Pope	Clay	Selected Paper Session 30
Popp	Jennie	Selected Paper Session 6, 19
Popp	Michael	Selected Paper Session 18
Pretis	Felix	Selected Paper Session 30
Qui	Feng	Organized Symposium 4
Rahimi	Stefan	Selected Paper Session 3
Rainey	Ronald	Selected Paper Session 1
Raper	Kellie Curry	Selected Paper Session 8, 27
Regan	Tim	Organized Symposium 2
Regmi	Madhav	Selected Paper Session 1, 15
Rempe	Stephanie	Selected Paper Session 29
Renter	David	Selected Paper Session 33
Ribeiro	Gabriel	Selected Paper Session 35
Rider	Shelby	Selected Paper Session 25
Rimsaite	Renata	Selected Paper Session 24

Ripberger	Joseph	Selected Paper Session 3
Ritten	John	Selected Paper Session 4, 9, 36
Ritten	Chian Jones	Selected Paper Session 6, 28, 30
Roosen	Jutta	Organized Symposium 10
Ross	Michelle L.	Selected Paper Session 22
Rowan	Troy	Selected Paper Session 28
Rushlow	Jennifer	Selected Paper Session 30
Salemi	Colette	Selected Paper Session 26
Santeramo	Fabio	Selected Paper Session 15
Schlichtig	Emily	Selected Paper Session 6
Schoengold	Karina	Selected Paper Session 34
Schroeder	Ted	Selected Paper Session 33
Scott	Erin E.	Selected Paper Session 19
Serfas	Devin A	Selected Paper Session 4
Shakil	Golam Saroare	Organized Symposium 9
Shear	Hannah E.	Selected Paper Session 8, 23
Sheng	Jiping	Organized Symposium 10
Shew	Aaron	Selected Paper Session 6
Shi	Yin	Selected Paper Session 18
Shinker	Jacqueline	Selected Paper Session 31
Shockley	Jordan	Organized Symposium 5
Shr	Yau-Huo	Selected Paper Session 9
Silva	Carol	Selected Paper Session 3
Silva	Andrea	Selected Paper Session 16
Simnitt	Skyler	Selected Paper Session 21
Simonot	David	Selected Paper Session 29
Singbo	Alphonse AS	Selected Paper Session 2
Gill	Ravinderpal Singh	Selected Paper Session 20
Slade	Peter	Selected Paper Session 2, 17
Smilestone	Jill	Selected Paper Session 21
Smith	Elwin	Selected Paper Session 9
Smith	Breanne	Selected Paper Session 35
Smutko	Steven	Selected Paper Session 28
Smyth	Stuart	Selected Paper Session 5
SongYi	Paik	Selected Paper Session 7
Soudry	Pierre	Selected Paper Session 25
Spain	Cole	Selected Paper Session 30
Stewart	Jane	Selected Paper Session 9
Stowell	Richard	Selected Paper Session 19
Sumner	Eric	Selected Paper Session 9
Suttles	Shellye A.	Selected Paper Session 16
Swallow	Brent	Organized Symposium 10
Syme	Jennifer	Selected Paper Session 23

Tabe-Ojong	Martin Paul Jr.	Selected Paper Session 11, 16
Tamini	Lota	Selected Paper Session 13
Tang	Minfeng	Selected Paper Session 14
Tejeda	Hernan	Selected Paper Session 22, 27
Thilmany	Elizabeth	Selected Paper Session 33
		Organized Symposium 1
Thilmany	Dawn	Organized Symposium 6
Thoma	Greg	Selected Paper Session 19
Thompson	Jada	Selected Paper Session 5, 19, 33
		Organized Symposium 9
Thompson	Wyatt	Selected Paper Session 12, 20
Thompson	Bree	Selected Paper Session 28
Thompson	Matthew P.	Selected Paper Session 31
Thunstrom	Linda	Selected Paper Session 6
Tia	Edwige	Selected Paper Session 24
Tonsor	Glynn	Selected Paper Session 2, 5, 36
		Organized Symposium 6
Traore	Ousmane Z.	Selected Paper Session 33
Trinh	Tien	Selected Paper Session 21
Tronstad	Russell	Organized Symposium 3
Trujillo-Barrera	Andres	Selected Paper Session 15, 22, 29
Tshehla	Makgopa	Selected Paper Session 25
Tsvakirai	Chiedza	Selected Paper Session 25
Turland	Madeline	Selected Paper Session 7
Tyack	Nicholas	Selected Paper Session 2, 11
Tymko	Heidi R	Selected Paper Session 7
van der Hoeven	Guido	Organized Symposium 7
Van der Sluis	Evert	Selected Paper Session 27
van Kooten	Gerrit Cornelis	Selected Paper Session 7, 18, 22, 34
Van Sandt	Anders T.	Selected Paper Session 3, 31
Vasilaky	Kathryn Nadine	Selected Paper Session 26
Vempalli	Sudharsan Varma	Selected Paper Session 19
von Massow	Mike	Selected Paper Session 17, 25, 28
		Organized Symposium 6
Vougioukas	Stavros	Selected Paper Session 9
Vyn	Richard	Selected Paper Session 24
Wakefield	Helen C.	Selected Paper Session 10
Walters	Cory	Selected Paper Session 20
Wang	Duoyu	Selected Paper Session 16
Wang	Xuejian	Selected Paper Session 19
Watson	Heather	Organized Symposium 2
Weckler	Paul	Selected Paper Session 31
Weersink	Alfons	Focus on Fellows

Welch	Katherine L.	Selected Paper Session 31
Wilcox	Steven W.	Selected Paper Session 31
Williams	Angelica	Selected Paper Session 15
Williams	Ryan B.	Selected Paper Session 24
Windh	Jessica L.	Selected Paper Session 14
Wolf	Christopher	Selected Paper Session 5
Wong	Brooklyn	Selected Paper Session 14
Wray-Enns	Sara	Selected Paper Session 30
Xiao	Zhihua	Selected Paper Session 35
Yang	Wei	Selected Paper Session 5
Yang	Yang	Selected Paper Session 5
Yang	Meng	Organized Symposium 4
Yaro	Raoul B.	Selected Paper Session 13
Yir-Hueih	Luh	Selected Paper Session 8
Yu	Ting-Yu	Selected Paper Session 8
Yu	Shuiqin	Selected Paper Session 13
Zanello	Rebecca	Selected Paper Session 7, 34
Zeinolebadi	Atefeh	Selected Paper Session 34
Zheng	Yuqing	Selected Paper Session 8
Zheng	Yanan	Selected Paper Session 34
		Organized Symposium 4