



IATRC
INTERNATIONAL AGRICULTURAL
TRADE RESEARCH CONSORTIUM

Program Agenda

Theme Day Topic:

Sustainability and Agricultural Trade: Interplay between Climate Change and Trade of Agri-Food Products

Annual Meeting

December 8-10, 2024

Fort Lauderdale, FL

The International Agricultural Trade Research Consortium gratefully acknowledges the continuing support of Agriculture and Agri-Food Canada, the USDA Economic Research Service, the USDA Foreign Agricultural Service, USDA Office of the Chief Economist, and the USDA National Institute of Food and Agriculture through the Agriculture and Food Research Initiative.

International Agricultural Trade Research Consortium
Annual Meeting, December 8-10, 2024

The IATRC extends heartfelt appreciation to the Theme Day Organizers Annelies Deuss (OECD), Marcel Adenäuer (OECD), Lee Ann Jackson (OECD), Sandro Steinbach (North Dakota State University), Shawn Arita (OCE), and Jason Grant (Virginia Tech) for their time and effort. Thank you also to Jonathan Coleman (U.S. International Trade Commission) who served as Executive Committee Liaison and Non-Theme Day Organizer, and to Jennifer Shelton, IATRC Administrative Director from Virginia Tech, for arranging meeting details.

For information about future IATRC meetings or IATRC publications, visit the web site:
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Meeting Wi-Fi Code

Network: LagoConference

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IATRC ANNUAL MEETING AGENDA

SUNDAY, DECEMBER 8, 2024

7:30 - 8:30 BREAKFAST AND REGISTRATION (FOUNTAIN VIEW LOBBY)

8:30 - 8:45 PICK UP NAMETAGS AND PROGRAM INFORMATION (FOUNTAIN VIEW LOBBY)

8:45 - 9:00 WELCOME AND INTRODUCTION (LAKEVIEW BALLROOM)
MARCEL ADENÄUER

9:00-10:00 Deforestation: A Global and Dynamic Perspective

Speaker: Farid Farrokhi, Boston College

Moderator: Jason Grant

10:00-10:15 Discussant: Ian Sheldon

10:15-10:30 Open Q&A

10:30 - 10:45 COFFEE BREAK (LAKEVIEW FOYER)

10:45-11:45 Building Confidence in Agricultural Soil GHG Accounting

Speaker: Mark Bradford, Yale School of the Environment

Moderator: Annelies Deuss

11:45-12:00 Discussant: Thomas Heckeley

12:00-12:15 Open Q&A

12:15 - 1:30 LUNCH WITH SPEAKER (LAKEVIEW BALLROOM)

12:45-1:15 Climate, Sustainability and Agricultural Trade

Speaker: Ambassador Darci Vetter, Former Chief Agricultural Negotiator, Office of the United States Trade Representative

Moderator: Sharon Sydow

1:15-1:30 Open Q&A

1:30 - 1:45 BREAK & PREP FOR AFTERNOON SESSIONS (LAKEVIEW BALLROOM)

1:45-2:45 Links between Weather and Crop Outcomes: Implications for Climate Change, International Trade, and Market Innovation

Speaker: Michael Roberts, University of Hawaii at Manoa

Moderator: Shawn Arita

2:45-3:00 Discussant: Wyatt Thompson

3:00-3:15 Open Q&A

3:15 - 3:30 COFFEE BREAK (LAKEVIEW FOYER)

3:30-4:00 We Want a Sustainable Future too: a Business Perspective

4:00-4:15 Speaker: Kaitlin Sighinolfi, Senior Director, Government Affairs, International Paper
Moderator: Sandro Steinbach
Open Q&A

4:15 - 5:30 THEME DAY CONCLUDING POLICY PANEL (LAKEVIEW BALLROOM)

Organizers: **Annelies Deuss** (OECD), **Marcel Adenauer** (OECD), **Sandro Steinbach** (North Dakota State University), **Shawn Arita** (OCE), and **Jason Grant** (Virginia Tech)

Moderator: Lee Ann Jackson

Speakers: Elise Golan (USDA/OCE), Tassos Haniotis (International Institute for Applied Systems Analysis (IIASA)), Claire Citeau (Canadian Agri-Food Policy Institute), Kaitlin Sighinolfi (International Paper), Darci Vetter (Former Chief Agricultural Negotiator)

5:30 - 6:00 BREAK & PREP FOR RECEPTION AND DINNER (FOUNTAIN VIEW LOBBY)

6:00 – 6:45 RECEPTION (FOUNTAIN VIEW LOBBY)

7:00 - 8:30 DINNER (FOUNTAIN VIEW LOBBY)

MONDAY, DECEMBER 9, 2024

7:30 - 8:30 BREAKFAST (FOUNTAIN VIEW LOBBY)

8:30 - 10:00 CONCURRENT SESSIONS 1, 2 AND 3

Session 1: Sustainability and Agricultural Trade: Special Issue Session 1 (LAKEVIEW BALLROOM)

Moderator: **Bernard Cartin** (Agriculture Canada)

- 1) *Targeted Trade Policy Instruments and Climate Change Mitigation: The Case of Environmental Provisions in Trade Agreements*

Petros Mkandawire, Dela-Dem Doe Fiankor, and Bernhard Brümmer (University of Göttingen)

- 2) *Some Economic Implications of Including Harvested Grain Related CO₂ in Climate Accounting*

Richard S. Gray (University of Saskatchewan)

- 3) *The Effect of Urbanization on Environmental Emissions: Evidence from a Meta-Analysis*

Sylvanus Kwaku Afesorgbor and Binyam Afework Demena (University of Guelph)

Session 2: Trade Disputes and Resolution (OCEANVIEW NORTH)

Moderator: **Lee Ann Jackson** (OECD)

- 1) *The Future of International Trade Dispute Resolution in a Post-WTO World*

Daniel C.K. Chow and Ian Sheldon (Ohio State University)

- 2) *Enforcement and Revocation Dynamics of Agricultural Trade Remedies: A Study of Sunset Reviews*

Sijia Chen (University of Connecticut)

- 3) *Analyzing the Response to the Fading Out of United States and China Trade Disputes: An Intertemporal Analysis of the Global Agricultural Sector*
Tim Ölkens and **Oliver Mussoff** (University Göttingen)

Session 3: Effects of SPS Measures on Trade (OCEANVIEW SOUTH)

Moderator: **Lia Nogueira** (University of Nebraska)

- 1) *Potential Economic Implications of African Swine Fever Outbreaks in the United States: A Computable General Equilibrium Analysis*
Taís C. de Menezes, **Amanda M. Countryman**, and **Dustin L. Pendell** (Colorado State University)
- 2) *Maximum Residues Limits (MRLs) of Pesticide and International Trade Dynamics to MERCOSUR and EU*
Michelle Márcia Viana Martins (University of Viçosa, Brazil) and **Heloisa Lee Burnquist** (University of São Paulo)
- 3) *Sanitary and Phytosanitary Electronic Certificates: Current Practices and Benefits*
Edith Laget and **Annelies Deuss** (OECD, Paris)

10:00 - 10:30 BREAK

10:30 - 12:30 CONCURRENT SESSIONS 4, 5 AND 6

Session 4: Modeling the Trade Impact of Sustainability (LAKEVIEW BALLROOM)

Moderator: **Eric Davis** (USDA, ERS)

- 1) *Brazil's Agricultural Expansion and Sustainable Initiatives to Preserve the Environment*
Constanza Valdes and **Eric Davis** (USDA, ERS)
- 2) *The Effect of EU Deforestation Regulations on Bilateral Trade and Regional Production*
Ziqian Gong (RTI International) and **Eric C. Davis** (USDA, ERS)
- 3) *The Trade Impact of the EU's Climate Plans and Deforestation Rules*
Justin Baker (North Carolina State University) **Eric Davis**, and **Maros Ivanic** (USDA, ERS)
- 4) *The Global Implications of Taxing Land in Agricultural Production: Land use, Agricultural Production, and Consumer Well-Being*
Eric Davis, **Maros Ivanic** (USDA, ERS) and **Brent Sohngen** (Ohio State University)

Session 5: Market Volatility and Trade (OCEANVIEW NORTH)

Moderator: **Andrew Muhammad** (University of Tennessee)

- 1) *Food Price Volatility, Trade Policies and Climate-Induced Conflict: A Review*
Bolanle Atilola (Langston University) and **Yacob Zereyesus** (USDA, ERS)
- 2) *Exchange Rate Pass-Through, Oil Price Shocks and Food Inflation- An Analysis for Net Food Importing Countries*
Poornima Varma (Indian Institute of Management, Ahmedabad), **Akash Issar** (Texas A&M University), and **Gopinath Munisamy** (University of Georgia)

- 3) *Dynamic Impacts of Production Shocks and Trade Network Structures on Import Flows for Staple Commodities*

Thomas Heckeley and **Yaghoob Jafari** (University of Bonn, Germany)

Session 6: Aspects of Regional Trade Agreements (OCEANVIEW SOUTH)

Moderator: **Carla Zarbà** (University of Catania, Italy)

- 1) *Environmental Provisions in RTAs and Global Value Chain Position*

Tim Ölkers (University of Göttingen), **Miao Li** (Huazhong Agricultural University, China), and **Wendong Zhang** (Cornell University)

- 2) *Analyzing Agricultural Export Patterns in Mercosur: The Role of Trade Agreements*

Raphael Gomes da Silva and **Lia Nogueira** (University of Nebraska)

- 3) *FTAs on Agricultural Trade Margins*

Sandro Steinbach, **Yasin Yildirim**, and **Carlos Zurita** (North Dakota State University)

- 4) *Evaluating North American Dairy Trade Pre- and Post-USMCA Using a Quantitative Trade Model*

Ajit Khanal and **Jason Grant** (Virginia Tech)

12:30 - 1:30 LUNCH (FOUNTAIN VIEW LOBBY)

1:30 - 3:30 CONCURRENT SESSIONS 7, 8 AND 9

Session 7: The Impact of Demographic Change on Global Agricultural Trade and Food Security (LAKEVIEW BALLROOM)

Organizer: **Eric Davis** (USDA, ERS)

- 1) *Overview of the Projected Changes in Demography*

Eric Davis (USDA, ERS)

- 2) *The Trade Impact of the Demographic Decline Happening in the EU and East Asia*

William Johnson (USDA, ERS)

- 3) *Can Demographic Growth in Other Regions Offset the Decline in U.S. Exports to East Asia and the EU?*

Lila Cardell (USDA, ERS)

- 4) *The Outlook for Africa: Modeling the Trade Impacts of Projected Population and Income Pathways*

Adam Gerval and **Michael Johnson** (USDA, ERS)

- 5) *Latin America's Demographic Dynamics: Food Market Impacts and U.S. Agricultural Exports*

Constanza Valdes (USDA, ERS)

- 6) *Demographic Growth in South/Southeast Asia: Implications for U.S. Agriculture and Food Security*

Kayode Ajewole (USDA, ERS)

Session 8: Commodity Trade Analysis (OCEANVIEW NORTH)

Moderator: **Gulcan Onel** (University of Florida)

- 1) *The Imported Challenge: Economic Impact of Fresh Fruit and Vegetable Imports on U.S. Producers*

Ajit Khanal (Virginia Tech), **Dixit Poudel** and **Munisamy Gopinath** (University of Georgia)

- 2) *Global Trade Reallocations and Welfare Implications of the Russia-Ukraine War for Cereal Grains and Oilseeds*

Sandro Steinbach and **Carlos Zurita** (North Dakota State University)

- 3) *Revisiting the 2018/19 US-China Trade Conflict: Decomposing Price and Volume Effects from Trade Disruptions*

Sudip Adhikari and **Jason Grant** (Virginia Tech)

- 4) *EU Trade Retaliation and the Curious Case of American Peanut Butter*

Andrew Muhammad (University of Tennessee) and **Shamar L. Stewart** (Virginia Tech)

Session 9: Trade Aspect of Changing Diets and Food Loss (OCEANVIEW SOUTH)

Moderator: **Jiyeon Kim** (Kansas State University)

- 1) *Policy Solutions for Transitioning to Healthier and Sustainable Diets in the United States*

Maksym Chepeliev (Purdue University), **Alessandro Gatto** (Wageningen University, Netherlands), **Thomas Hertel**, and **Thiago Simonato** (Purdue University)

- 2) *Global Dietary Transition and Food Loss and Waste Reduction: Impacts and Interactions*

Alessandro Gatto (Wageningen University, Netherlands) and **Maksym Chepeliev** (Purdue University)

- 3) *Global Transition to Healthier Diets Reduces Overall Trade in Agricultural Commodities But Increases Import Dependency*

Maksym Chepeliev (Purdue University), **Alessandro Gatto** (Wageningen University, Netherlands), **Anabeth Dawn Jennings**, and **Dominique van der Mensbrugge** (Purdue University)

- 4) *The Potential Effects and Economic Feasibility of Reducing Food Loss and Waste*

Celine Giner (OECD), **Diego Gonzales** (Bank of Spain), **Claude Nenert**, **Armelle Elasri**, **Hubertus Gay**, and **Marcel Adenäuer** (OECD)

3:30 - 3:45 COFFEE BREAK (LAKEVIEW FOYER)

3:45 - 5:00 IATRC Members' Business Meeting (LAKEVIEW BALLROOM)

5:00 - 6:30 HATCH S-1072 MEETING - Hatch S-1072 Participants Only (OCEANVIEW NORTH)

TUESDAY, DECEMBER 10, 2024

7:30 - 8:30 BREAKFAST (FOUNTAIN VIEW LOBBY)

8:30 - 10:00 CONCURRENT SESSIONS 10, 11 AND 12

Session 10: Sustainability and Agricultural Trade: Special Issue Session 2 (LAKEVIEW BALLROOM)

Moderator: **Jonathan Coleman** (U.S. International Trade Commission)

- 1) *Agri-Food Production between 'Climate Change and International Trade.' An Analysis of the Economic-Environmental Implications*

Carla Zarbà, Roberta Gravagno, Biagio Pecorino, Alessandro Scuderi, and Gaetano Chinnici (University of Catania, Italy)

2) *Extreme Climate Events and Agricultural Commodity Markets*

Raghav Goyal and Mohammad A Shovon (Louisiana State University)

3) *Tariffs and Preferential Margins: Have Trade Agreements Contributed to Agricultural Sustainability?*

Kiseok Shin, Jason Grant, Nicolas Legrand (Virginia Tech), **Shawn Arita**, and **Sharon Sydow** (USDA, OCE)

Session 11: Analysis of Global Food Markets (OCEANVIEW NORTH)

Moderator: **Sijia Chen** (University of Connecticut)

1) *China's Growing Dairy Imports: Implications for the United States*

Jessie Lin and **Samantha Padilla** (USDA, ERS)

2) *Evaluating the Impact of the U.S. Seafood Import Monitoring Program (SIMP) on Global Seafood Trade*

Bheom Seok Kim (Virginia Tech)

3) *Used Cooking Oil for Renewable Fuels: Supply, Demand, Trade, and Policy*

Marcel Adenaeur (OECD), **Pierre Charlebois** (Retired), **Sunghwi Woo** (FAPRI, University of Missouri), **Shawn Arita** (USDA, OCE), **Christian Elleby**, **Ignacio Perez Dominguez** (European Commission), **Seth Meyer** (USDA, OCE), and **Wyatt Thompson** (FAPRI University of Missouri)

Session 12: IATRC Commissioned Papers: Update (OCEANVIEW SOUTH)

Moderator: **Lars Brink** (Independent Advisor)

1) *Global Economic Effects of Japanese Seafood Trade Bans Following Nuclear Wastewater Discharge*

Ming Wang, Seonhyen Kim, and **Amanda Countryman** (Colorado State University)

2) *Unwinding the Trade Facilitation Agreement: Agro-Food GVC Integration, Implementation Challenges, and WTO Prospects*

Sandro Steinbach and **Carlos Zurita** (North Dakota State University)

3) *The Impact of the WTO on Virtual Water Trade and Global Water Reallocation*

Dongin Kim and **Sandro Steinbach** (North Dakota State University)

10:00 - 10:30 BREAK

10:30 - 12:30 CONCURRENT SESSIONS 13, 14 AND 15

Session 13: The U.S.-China Agricultural Trade Relationship: Past, Present and Future Prospects (LAKEVIEW BALLROOM)

Organizers: **Shawn Arita, Sharon Sydow, Seth Meyer** (USDA, OCE), **Jason Grant** (Virginia Tech), **Sandro Steinbach** (North Dakota State University), **Joe Glauber** (IFPRI), and **Bryan Lohmar** (Cal Poly)

Moderator: **Sharon Sydow** (USDA, OCE)

1) *China's Impact on Global Markets: Implications for U.S. Agricultural Exports*

Joe Glauber (IFPRI)

2) *China's Growing Agricultural Imports: By Whom and from Where?*

Bryan Lohmar (Cal Poly)

- 3) *U.S.-China Agricultural Trade: Where Do Things Stand?*

Jason Grant (Virginia Tech), **Shawn Arita**, **Sharon Sydow** (USDA, OCE), **Nicolas Legrand** (Virginia Tech), and **Seth Meyer** (USDA, OCE)

- 4) *U.S.-China Trade Policy Shifts: Implications for U.S. Agricultural Exports*

Sandro Steinbach, **Yasin Yildirim**, and **Carlos Zurita** (North Dakota State University)

Session 14: Trade Policy Exposure and Impacts on Land, Labor, Crops, and Livestock Products
(OCEANVIEW NORTH)

Organizer: **Amanda Countryman** (Colorado State University)

- 1) *Dairy Trade Policy and Friction Analyses: (New) Gravity Estimations*

Magda Kondaridze (Gonzaga University), **Xin Liu**, and **Jeff Luckstead** (Washington State University)

- 2) *WTO vs. TRAINS: A Quantitative Comparison of Time-Varying Ad-Valorem Equivalents for Non-Tariff Measures*

Sionegael Ikeme, **Amanda M. Countryman** (University of Colorado), **Diane Charlton** (Montana State University), and **Dale Manning** (University of Tennessee)

- 3) *Effects of Trade Policy on U.S. Rural Employment and Wages*

Diane Charlton (Montana State University), **Amanda Countryman** (Colorado State University), **Dale Manning** (University of Tennessee) and **Sionegael Ikeme** (Colorado State University)

- 4) *Long-Term Versus Short-Term Acreage Responses to North American Free Trade Agreement: the Case of US Field Crops*

Jiyeon Kim and **Jisang Yu** (Kansas State University)

Session 15: Measuring Welfare Effects of Trade Policy (OCEANVIEW SOUTH)

Moderator: **Wyatt Thompson** (FAPRI University of Missouri)

- 1) *Welfare and Trade Effects of Turkey's Export Ban on Olive Oil*

Hanifi Otgun (University of Nebraska) and **Yasin Yildirim** (North Dakota State University)

- 2) *Measuring Welfare Effects of Discriminatory Tariffs for a Large Importing Country: A Computational Guide*

Gulcan Onel and **James L. Seale, Jr.** (University of Florida)

- 3) *Welfare Implications of Trade Policy Asymmetries in Competing Export Economies*

Tasnim Ahmed Mahin (University of Nebraska)

- 4) *The Impact of Income Growth on Continental Food Security: Evidence from the PVAR Model*

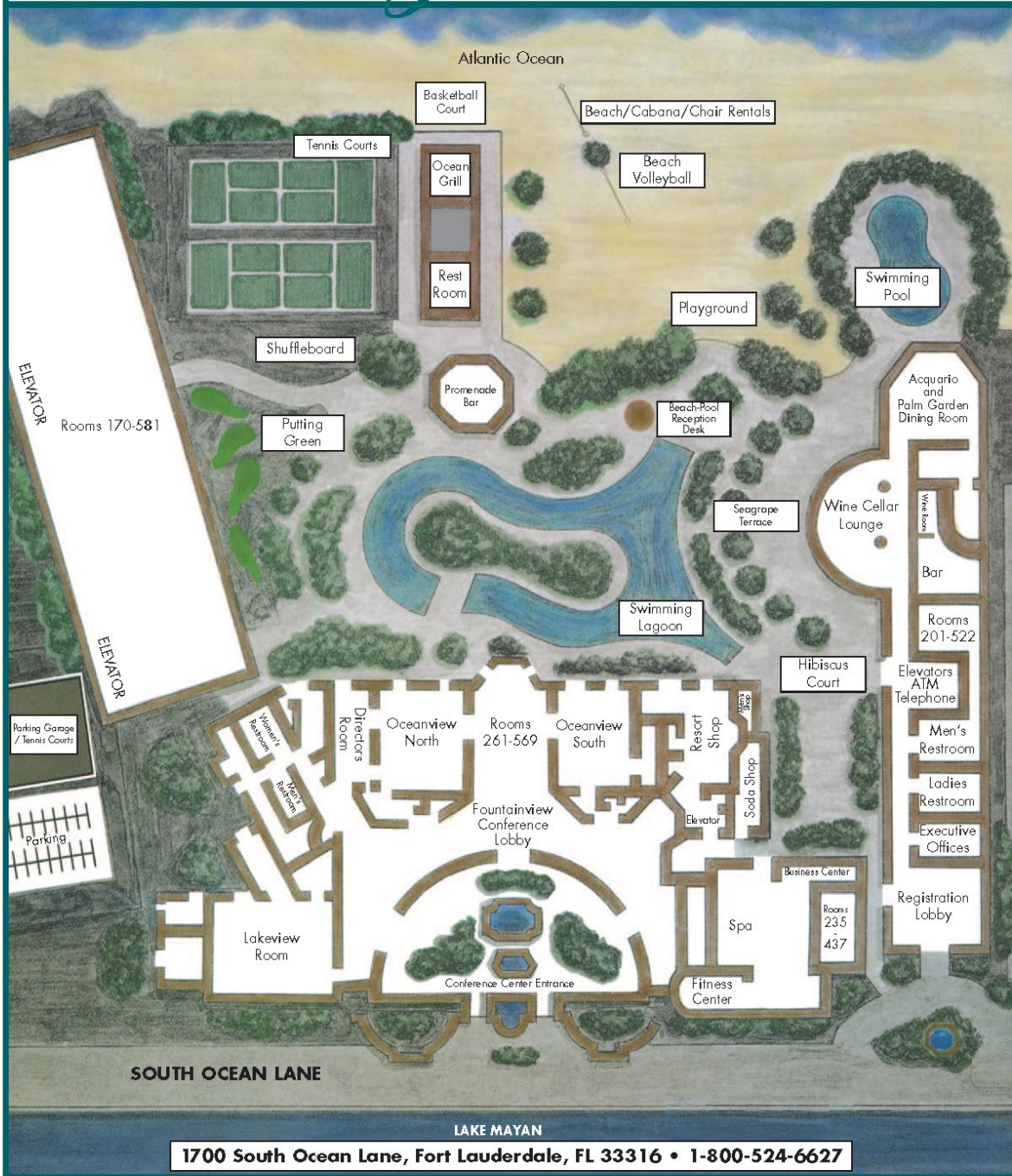
Mario Filizzola Costa and **Gilberto Fraga** (State University of Maringa, Brazil)

12:30 - 1:30 LUNCH (FOUNTAIN VIEW LOBBY)

1:30 ADJOURN

Lago Mar

BEACH RESORT & CLUB



IATRC ANNUAL MEETING PARTICIPANT LIST - DECEMBER 2024

No.	Name	Affiliation	No.	Name	Affiliation
1	Adenauer, Marcel	OECD	42	Kennedy, Lynn	Louisiana State University
2	Adhikari, Sudip	Virginia Tech	43	Kenner, Bart	USDA
3	Afesorgbor, Sylvanus Kwaku	University of Guelph	44	Khanal, Ajit	Virginia Tech
4	Ajewole, Kayode	USDA	45	Kim, Bheom Seok	Virginia Tech
5	Arita, Shawn	USDA	46	Kim, Jiyeon	Kansas State University
6	Atilola, Bolanle	Langston University	47	Kondaridze, Magda	Gonzaga University
7	Baquedano, Felix	USDA	48	Legrand, Nicolas	Virginia Tech
8	Bradford, Mark	Yale School of Environment	49	Lim, Sunghun	Louisiana State University
9	Brink, Lars	Independent Consultant	50	Lin, Jessie	USDA
10	Cantin, Bernard	Ag. & Agri-Food Canada	51	Lohmar, Brian	Cal Poly
11	Cardell, Lila	USDA	52	Luckstead, Jeff	Washington State University
12	Davis, Eric	USDA	53	Mahin, Tasnim Ahmed	University of Nebraska
13	Diane, Charlton	USDA	54	Martins, Michelle Marcia	University of Viçosa, Brazil
14	Chen, Sijia	Montana State University	55	Muhammad, Andrew	University of Tennessee
15	Chepeliev, Maksym	Purdue University	56	Munisamy, Gopinath	University of Georgia
16	Citeau, Claire	Canadian Ag. Policy Institute	57	Neff, Steve	USDA
17	Coleman, Jonathan	USITC	58	Nogueira, Lia	University of Nebraska
18	Countryman, Amanda	Colorado State University	59	Olkers, Tim	University of Goettingen
19	Davis, Eric	USDA	60	Onel, Gulcan	University of Florida
20	de Menezes, Tais	Colorado State University	61	Otgun, Hanifi	University of Nebraska
21	Deuss, Annelies	OECD	62	Poudel, Dikshit (Dixit)	University of Georgia
22	Farrokhi, Farid	Boston College	63	Roberts, Michael	University of Hawaii
23	Fraga, Gilberto	State University of Maringá	64	Schmitz, Andrew	University of Florida
24	Gerval, Adam	USDA	65	Schmitz, Troy	Arizona State University
25	Glauber, Joseph	IFPRI	66	Seale, James	University of Florida
26	Golan, Elise	USDA	67	Sheldon, Ian	The Ohio State University
27	Gomes de Silva, Raphel	University of Nebraska	68	Sheldon, Sally	Guest
28	Gong, Ziqian	RTI International	69	Shelton, Jennifer	Virginia Tech
29	Goyal, Raghav	Louisiana State University	70	Shin, Kiseok	Virginia Tech
30	Grant, Jason	Virginia Tech	71	Sighinolfi, Kaitlin	International Paper
31	Gray, Richard	University of Sask.	72	Steinbach, Sandro	North Dakota State University
32	Guan, Zheagfei	University of Florida	73	Stewart, Shamar	Virginia Tech
33	Haniotis, Tassos	IIASA	74	Sydow, Sharon	USDA
34	Heckelei, Thomas	University of Bonn	75	Thompson, Wyatt	University of Missouri
35	Hedrick, Stephanie	Virginia Tech	76	Valdes, Constanza	USDA
36	Henneberry, Shida	USDA	77	Varma, Poornima	Indian Institute of Management
37	Holmes, Chanita	Virginia Tech	78	Vasavada, Utpal	USDA
38	Ikeme, Sionegael	Colorado State University	79	Vetter, Darci	Independent
39	Ivanic, Maros	USDA	80	Wang, Ming	Colorado State University
40	Jackson, Lee Ann	OECD	81	Yildirim, Yasin	North Dakota State University
41	Johnson, William	USDA	82	Yu, Jisang	Kansas State University
			83	Zurita, Carlos	North Dakota State University