



5th International Paddy Rice Research America Sub-Group Meeting
Global Research Alliance on Agricultural Greenhouse Gases
12-14 July 2022*
Embassy Suite Hilton Hotel, Jonesboro, Arkansas USA

11 July 2022	ARRIVAL of delegates	GRA participants and Guests
4:00 – 6:00pm	Registration	
12 July 2022	MORNING SESSIONS	
8:00 – 8:30am	Opening Remarks	Dr. Marlen Eve <i>Deputy Administrator, Natural Resources and Sustainability Systems USDA-ARS</i>
		Mr. Archie Tucker <i>Area Director, SEA USDA-ARS</i>
		Dr. Thomas Risch <i>Vice Provost for Research & Technology Transfer and Executive Director of Arkansas Biosciences Institute, Arkansas State University</i>
8:30 – 8:50am	Introduction	GRA and guest Participants
8:50 – 9:10am	Updates Global Research Alliance on Agricultural Greenhouse gases	Ms. Hazelle Tomlin & Mr. Hayden Montgomery <i>Technical Inventory Advisor GRA Secretariat</i>
9:10 – 9:25am	International Center for Tropical Agriculture/Latin American Fund for Irrigated Rice (CIAT/FLAR)	Dr. Eduardo Graterol <i>Director, FLAR</i>
9:25 – 9:40am	USDA rice research updates	Dr. Jack Okamuro <i>National Program Leader, Crop Production and Protection, USDA-ARS</i>
9:40 – 10:00am	B R E A K	

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10:00 – 10:20am GHG research for rice systems in Argentina	Dr. Susan Noemi Maciel <i>Professor, EENA/INTA</i> Dr. Cesar Eugenio Quintero <i>Professor</i> <i>Universidad National de Entre Rios</i>
10:20 – 10:40am GHG research for rice systems in Brazil	Dr. Walkyria Scivittaro <i>Researcher, Brazilian Agriculture Research Corporation / EMBRAPA</i>
10:40 – 11:00am GHG research for rice systems in Chile	Dr. Gabriel Donoso <i>Researcher, Agricultural Research Institute</i>
11:00 – 11:20am GHG research for rice systems in Colombia	Ms. Catalina Trujillo <i>Research Associate, Alliance of Biodiversity International and CIAT</i>
11:20 – 11:40am GHG Research for rice systems in Peru	Dr. Elizabeth Consuelo Heros Aguilar <i>Professor, Universidad Nacional Agraria La Molina</i>
11:40 – 12:00pm GHG Research for rice systems in Uruguay	Dr. Alvaro Roel <i>Research Specialist and Co-Chair GRA PRRG/INIA</i>
12:00 – 12:20pm GHG Research for rice systems in USA	Dr. Arlene Adviento-Borbe <i>Research Agronomist, DWMRU USDA-ARS</i>

12:20 – 1:30pm L U N C H B R E A K

12 July 2022	AFTERNOON SESSIONS	
1:30 – 1:50pm	Greenhouse gas emissions and global warming potential associated with furrow irrigated rice from a silt-loam soil in east-central Arkansas	Mr. Diego Della Lunga <i>PhD graduate student</i> <i>University of Arkansas-Fayetteville</i>
1:50 – 2:10pm	The GHG impacts of AWD and other rice production practices: eddy covariance studies in Arkansas	Dr. Benjamin Runkle <i>Associate Professor, University of Arkansas-Fayetteville</i>
2:10 – 2:30pm	Field-integrated flux measurements in Mid-South US rice using eddy covariance method: findings and Innovations	Dr. Michele Reba <i>Research hydrologist, DWMRU USDA-ARS</i>

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2:30 – 2:50pm	Multiyear CH ₄ and N ₂ O emissions in different irrigation management under long-term continuous rice rotation in Arkansas	Dr. Sandhya Karki <i>Post Doctorate Research Fellow University of Arkansas- Fayetteville/USDA-ARS</i>
2:50 – 3:10pm	GHG emissions in US ratoon rice	Dr. Manoch Kongchum <i>Associate Professor, Louisiana State University</i>
3:10 – 3:30pm	Alternate wetting and drying practice and hybrid rice further reduce GHG emissions in irrigated drill seeded rice system	Dr. Arlene Adviento-Borbe <i>Research Agronomist, DWMRU USDA-ARS</i>
3:30 – 3:50pm	B R E A K	
3:50 – 4:10 pm	Innovative irrigation management in US rice	Dr. Joseph Massey <i>Research Agronomist, DWMRU USDA-ARS</i>
4:10 – 4:30pm	Microbiome influence on CH ₄ emissions in rice	Dr. Desmond Jimenez <i>Chief Science Officer, Newleaf Symbiotics</i>
4:30 – 4:50pm	The role of rice genotypes in mitigation of methane emissions	Dr. Anna McClung <i>Research Geneticist, DBNRR USDA- ARS</i> Dr. Jinyoung Barnaby
4:50 – 5:10pm	GRA Paddy Rice Research Group America Sub-group updates	Dr. Alvaro Roel <i>Co-Chairman, PRRG-Americas</i>
6:00 – 8:00pm	S O C I A L S / D I N N E R	

13 July 2022 MORNING SESSIONS

8:30 – 10:00am	Open Forum 1: Discuss challenges, research priorities, potential research support to scientists and technology transfer/expertise	All participants
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10:00 – 10:20am B R E A K

10:20 – 12:20pm	Open Forum 2:	All participants
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Discuss challenges, research priorities, potential research support to scientists and technology transfer/expertise

12:20 – 1:30pm L U N C H B R E A K

13 July 2022 AFTERNOON SESSIONS

1:30 – 1:50pm Potential rice and GHG emissions research funding USDA-ARS

1:50 – 3:30pm Open Forum 3:
Discuss/establish regional research collaborations All participants

3:30 – 3:50pm B R E A K

3:50 – 5:10pm Open Forum 4:
Discuss/establish regional research collaborations All participants

6:00 – 8:00pm S O C I A L S / D I N N E R

14 July 2022 FIELD DAY

8:00 – 9:00pm Tour of Arkansas Biosciences Institute Dr. Tom Risch/Mr. Shea Harris
Tour of GHG laboratory USDA-ARS Dr. Arlene Adviento-Borbe
Arkansas State University, Jonesboro, AR

9:00 – 10:00am Riceland, Inc, Jonesboro, AR Mr. John Mcknight
*Quality Assurance Manager
Riceland*

10:00am – 12:00pm RiceTec Research Station, Harrisburg, AR Mr. Mason Wallace
*Research Station manager
RiceTec, Inc*
Dr. Arlene Adviento-Borbe

12:00pm – 1:00pm L U N C H B R E A K

1:00pm – 3:00 pm Tour of Northeast Rice Research Center Dr. Tim Burcham
University of Arkansas Division of Agriculture *Center Director
NERREC*

3:00pm – 6:00pm Tour of Commercial rice farm in Burdette, AR Florenden Farm/Mr. Ryan Sullivan
Dr. Joseph Massey, *DWMRU
USDA-ARS*

15 July 2022 DEPARTURE

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