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

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<tr>
<th>Date</th>
<th>Time</th>
<th>Event Description</th>
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<tr>
<td>11 July 2022</td>
<td>4:00 – 6:00pm</td>
<td>ARRIVAL of delegates GRA participants and Guests</td>
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<td>Registration</td>
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<tr>
<td>12 July 2022</td>
<td>8:00 – 8:30am</td>
<td>OPENING REMARKS</td>
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<td><strong>Dr. Alvaro Roel</strong>&lt;br&gt;Co-Chairman PRRG America Subgroup</td>
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<td><strong>Dr. Marlen Eve</strong>&lt;br&gt;Deputy Administrator, Natural Resources and Sustainability Systems USDA-ARS</td>
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<td><strong>Mr. Archie Tucker</strong>&lt;br&gt;Area Director, SEA USDA-ARS</td>
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<td><strong>Dr. Thomas Risch</strong>&lt;br&gt;Vice Provost for Research &amp; Technology Transfer and Executive Director of Arkansas Biosciences Institute, Arkansas State University</td>
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<td>8:30 – 8:50am</td>
<td>INTRODUCTION</td>
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<td>8:50 – 9:10am</td>
<td>UPDATES GLOBAL RESEARCH ALLIANCE ON AGRICULTURAL GREENHOUSE GASES</td>
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<td>9:10 – 9:25am</td>
<td>INTERNATIONAL CENTER FOR TROPICAL AGRICULTURE/LATIN AMERICAN FUND FOR IRRIGATED RICE (CIAT/FLAR)</td>
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<td>9:25 – 9:40am</td>
<td>USDA RICE RESEARCH UPDATES</td>
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*The time zone in all scientific presentations is set at US Central Time. Please plan for virtual participation accordingly.*
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9:40 – 10:00am  B  R  E  A  K

10:00 – 10:20am GHG research for rice systems in Argentina  Dr. Susana Noemi Maciel  
Professor, EENA/INTA  
Dr. Cesar Eugenio Quintero  
Professor  
Universidad National de Entre Rios

10:20 – 10:40am GHG research for rice systems in Brazil  Dr. Walkyria Scivittaro  
Researcher, Brazilian Agriculture Research Corporation / EMBRAPA

10:40 – 11:00am GHG research for rice systems in Chile  Dr. Gabriel Donoso  
Researcher, Agricultural Research Institute

11:00 – 11:20am GHG research for rice systems in Colombia  Ms. Catalina Trujillo  
Research Associate, Alliance of Biodiversity International and CIAT

11:20 – 11:40am GHG Research for rice systems in Peru  Dr. Elizabeth Consuelo Heros Aguilar  
Professor, Universidad Nacional Agraria La Molina

11:40 – 12:00pm GHG Research for rice systems in Uruguay  Dr. Alvaro Roel  
Research Specialist and Co-Chair, GRA PRR/INIA

12:00 – 12:20pm GHG Research for rice systems in USA  Dr. Arlene Adviento-Borbe  
Research Agronomist, DWMRU USDA-ARS

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  
PhD graduate student  
University of Arkansas-Fayetteville

1:50 – 2:10pm The GHG impacts of AWD and other rice production practices: eddy covariance studies in Arkansas  Dr. Benjamin Runkle  
Associate Professor, University of Arkansas-Fayetteville

2:10 – 2:30pm Field-integrated flux measurements in Mid-South US rice using eddy covariance method: findings and Innovations  Dr. Michele Reba  
Research hydrologist, DWMRU USDA-ARS

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2:30 – 2:50pm Multiyear CH₄ and N₂O emissions in different irrigation management under long-term continuous rice rotation in Arkansas
Dr. Sandhya Karki
Post Doctorate Research Fellow
University of Arkansas-Fayetteville/USDA-ARS

2:50 – 3:10pm Evaluation of methane and nitrous oxide from Different water management practices in irrigated drill seeded rice systems
Dr. Manoch Kongchum
Associate Professor, Louisiana State University

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
Research Agronomist, DWMRU USDA-ARS

3:30 – 3:50pm B R E A K

3:50 – 4:10 pm Innovative irrigation management in US rice
Dr. Joseph Massey
Research Agronomist, DWMRU USDA-ARS

4:10 – 4:30pm Microbiome influence on CH₄ emissions in rice
Dr. Desmond Jimenez
Chief Science Officer, Newleaf Symbiotics

4:30 – 4:50pm The role of rice genotypes in mitigation of methane emissions
Dr. Anna McClung
Research Geneticist, DBNRRC USDA-ARS
Dr. Jinyoung Barnaby

4:50 – 5:10pm GRA Paddy Rice Research Asia Subgroup updates
Dr. Yasukazu Hosen
Co-Chairman, PRRG Asia Subgroup

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

13 July 2022 MORNING SESSIONS

8:30 – 9:30am On-going GHG research studies for potential Collaboration/Opportunities for Sandwich research internship and capacity building programs
Graduate students and researchers

9:30 – 10:00am Potential rice and GHG emissions research funding USDA-ARS

10:00 – 10:20am B R E A K

10:20 – 12:20pm Open Forum 1: Discuss challenges, research priorities, potential research support to scientists and technology transfer/expertise
All participants

12:20 – 1:30pm L U N C H B R E A K

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