

**Meeting of the Paddy Rice Americas Sub-Group,
Paddy Rice Research Group
Hotel Casa Andina
Piura, Peru
14 May 2018**

MEETING OUTCOMES AND DETAILED REPORT

SUMMARY

The biannual meeting of the Paddy Rice Research Group's (PRRG) Americas Sub-Group, of the Global Research Alliance on Agricultural Greenhouse Gases (GRA) was hosted by Peru on 14 May 2018. It was attended by representatives from 8 countries (GRA members) and Partners.

OUTCOMES

Participants agreed to keep seeking funding opportunities to build on work already started. The Science for Nature and People Partnership (SNAPP) call for which proposals are due on the 6th of June was explained by Ngoni Chirinda from CIAT as one immediate possibility which will be explored to fund meeting aimed at solving a regional problem related to GHG emissions from rice.

DETAILED MEETING REPORT

The meeting began at 1330h with a welcome of Alvaro Roel (Co-Chair of the Paddy Rice Research Group) and Eduardo Graterol, the Director of FLAR. Self-introductions were made and changes to the agenda were adopted. Specifically, due to time differences, skype presentations were going to be made earlier than scheduled. A special thanks was done to the new Co-Chair Dr Yasukazu Hosen for assisting in this meeting.

Hayden Montgomery, the Special GRA representative, made a presentation that gave participants an overview of the Global Research Alliance and current activities.

Highlights from his presentation included:

- An overview of the 2017 GRA Council meeting outcomes
- An announcement of the 2018 GRA Council meeting which will be held in parallel to the 'International Conference on Agricultural GHG emissions and Food Security: Connecting research to policy and practice' that will be jointly organized by GRA and FACCE-JPI, in partnership with CCAFS and the Thünen Institute from 10-12 September 2018
- An overview of the different groups in the GRA and ongoing activities
- An brief overview on the Flagship project
- Examples of joint programming
- An overview on the CLIFF-GRA and an announcement of a call to be made during the second half of 2018.
- Website updates

The former PRRG subgroup Chair, Gonzalo Zorrilla, made a presentation on recent activities conducted in LAC and those in which LAC representatives had participated. Main activities included:

- The III Meeting of the PRRG Americas Sub-Group (13-15 July 2016, Stuttgart, Arkansas, USA)
- The GRA Council Meeting (29-30 August 2017, Tsukuba, Japan)
- The JIRCAS-NARO International Symposium on Agricultural Greenhouse Gas Mitigation (31 August 2017, Tsukuba, Japan)
- The PRRG Asia Sub-Group Meeting (2 September 2017, Tsukuba, Japan)

He also gave an overview of recent achievements which included:

- Rice Flagship project reviewed and approved
- Launch of a collaborative research project in Americas funded through FONTAGRO and led by Fedearroz - More rice with less emissions and less water consumption
- The APEC capacity building project
- Publication of a review of rice mitigation options in Latin America and the Caribbean

Ivan Avila from Fedearroz made a presentation on the FONTAGRO project's executors, partners, contexts (in the 3 countries), objectives and components. He emphasized the need to speed up the signing of all legal documents before the end of June 2018 so that the project activities can start during the following rice growing season in October 2018.

Maite Martinez, from IRTA Spain, presented her report which included an overview on rice cultivation and current production constraints in Spain. She then talked about the greenhouse gas work and presented some results from previous and on-going projects. A major highlight of her report was that one Italian rice variety had higher yields with AWD.

Michele L. Reba, from Delta Water Management Research Unit & Arkansas State University, presented a report on greenhouse gas studies in the USA. The report covered:

- Carbon markets
- AWD adoption

- GHG factors
- Delta Flux networks
- International collaborations

She extended an invitation to continue collaborating through student exchanges.

Viviana Becerra, from INIA Chile, made a report on the work in Chile. The report included an overview on rice statistics and trends. An overview on rice agronomic practices, national greenhouse gas inventories and the contribution of rice, results from fertilizer and residue management experiments, recent publications and associated projects. She also talked about the APEC project: capacity building on management technologies for climate smart rice cultivation in the South-East Asian and Latin American Rice Sector. She also mentioned that training activities will be held in INIA Remehue, Osorno, Chile by August 2018.

Roberto Camacho from INTA, Costa Rica presented a report on work in Costa Rica. He gave an overview on rice statistics in the country. He showed that rice cultivation was the second largest emitter in Costa Rica after the livestock sector. He also showed results from previous local studies on GHG emissions. He stated the need for more collaborative project with national and international partners to conduct more research to evaluate the mitigation potential of promising management and technological options under Costa Rican conditions.

Ivan Avila, from Fedearroz, reported on work in Colombia. He gave an overview on rice statistics in the country and greenhouse gas emissions attributed to rice production in the national inventory. He presented an overview on the AMTEC programme which aims to transfer all available crop management technologies to increase productivity and reduce costs production with a minimum environmental impact. He then presented on results from a study on monitoring CH₄ and N₂O Fluxes in Rice Fields under AWD and Continuous Flooding. He presented some perspectives on major drivers of management practices or new technology adoption and strategies to develop a sustainable rice crop under the AMTEC program. He also mentioned the idea of developing a Rice NAMA.

Fernando Montero from INIA reported on work in Perú. He gave an overview on rice statistics in the country and GHG emissions attributed to rice production in the national inventory. He also presented results from work on the effect on nitrogen fertilization on rice yields in Peru.

Alvaro Roel from INIA reported on work conducted in Uruguay. He gave a background on rice statistics and Non-CO₂ emissions in Uruguay. He also presented results on mitigation studies conducted from 2008 to 2016. Work on microbiological studies conducted in rice fields was also included in his presentation.

Yasukazu Hosen from the Agro-Environmental Sciences (NIAES) National Agriculture and Food Research Organization (NARO) Japan explained the APEC project. He told the meeting that the project was aimed at capacity building on management technologies for climate smart rice cultivation in the South-East Asian and Latin American Rice Sector. He mentioned that work in Latin America will be led by INIA-Chile. This project targets APEC countries but, if need be, funding will be sought to enable people from non-APEC countries to participate in the training workshops.

APPENDIX: LIST OF PARTICIPANTS

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