

# GLOBAL RESEARCH ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

GRA Council meeting, Bali

7 October 2019



## Paddy Rice Research Group Report

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# Paddy Rice Research Group: Recent achievements (1)

- 3<sup>rd</sup> Co-Chair:  
  
Senegal!
- Asia Sub-Group Meeting
  - 12 October 2018, Bangkok, Thailand →
  - 19 attendees from **Chile, China, Indonesia, Japan, Philippines, Vietnam** + EDF
  - 12 October 2019, Bali, Indonesia
  - ≈23 attendees from **China, Indonesia, Japan, Malaysia, Philippines, Vietnam** + IRRI
- An APEC Project “*Capacity Building on management Technologies for Climate Smart Rice Cultivation in the South-East Asian and Latin America Rice Sector*”
  - Overseen by **Japan**
  - Propose by **Japan, Mexico, New Zealand**
  - Co-sponsored by **Chile, Malaysia, Philippines, Thailand, Vietnam**
  - Workshop “*Rice Landscapes and Climate Change – Options for mitigation in rice-based agroecosystems and scaling-up of climate-smart rice cultivation technologies in Asia*”
    - By FAORAP, **APEC**, JGSEE/KMUTT, AEGIS, ASEAN Climate Resilience Network, NARO, **GRA**, GIZ, SRP, IRRI, MAFF of Japan, WBCSD
    - 10-12 October 2018, Bangkok, Thailand
    - ≈120 attendees including those from **Chile, China, Indonesia, Malaysia, Japan, Philippines, Thailand, Vietnam** (with the APEC & MAFF funds, 6 speakers and 17 attendees)
  - Capacity building on 15-16 November in Parral, **Chile**; ≥30 attendees from **Brazil, Chile, Costa Rica, Japan** (with the APEC, INIA-Chile, & MAFF funds, 2 speakers and 28 attendees)





# Paddy Rice Research Group: Recent achievements (2) Research

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- **MIRSA-3 Project** (27 Nov 2018 – 31 Mar 2023)
  - Develop multi-beneficial integrated rice cropping techniques that improve rice cultivation of Southeast Asia for low emissions, paddy soil conservation, and stable productivity.
  - Fund contributor: MAFF of Japan
  - GRA Council Champions: **Indonesia, Japan, Philippines, Vietnam, CGIAR (IRRI)**
  - Kick-off meeting on 16 January 2019 in Hue, **Vietnam** (>36 participants)
  - 2<sup>nd</sup> general meeting on 12-13 October 2019 in Bali, **Indonesia** (~19 participants)
  - A product of the former project: “Minamikawa et al. (2015) Guidelines for measuring CH<sub>4</sub> and N<sub>2</sub>O emissions from rice paddies...” was introduced in the “2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories”.



- **FONTAGRO Project** (2018 - 2021)
  - Improve adoption of AWD by farmers, validating appropriate AWD in farmers' fields in South America.
  - Fund contributor: FONTAGRO
  - GRA Council Champions: **Colombia, Perú, Chile, CGIAR (CIAT, CCAFS), FONTAGRO + FLAR**

- **CLIFF – GRADS Scholarship** (2019)

- Identify high yielding rice cultivars that reduce methane emissions.
- GRA Council Champions: **CGIAR (IRRI, CIAT, CCAFS) + FLAR**

- **UIUC Project** (2019 - 2020)

- Benchmark the economic and environmental sustainability of rice production in Latin America using the recently developed SRP platform.
- Fund contributor: **University of Illinois International Joint Research Program**
- GRA Council Champions: **USA, CGIAR (CIAT, AfricaRice, IRRI, CCAFS) + FLAR**



# Paddy Rice Research Group: Main ambitions (1) Research

## Research Collaboration

- Put the launched projects on their right tracks.
  - MIRSA-3 Project (27 Nov 2018 – 31 Mar 2023)
  - FONTAGRO Project (2018 – 2021)
  - CLIFF – GRADS Scholarship (2019)
  - UIUC Project (2019 – 2020)
- Set a new project in Latin America and the Caribbean.
  - ACTIONS-RICE Project (May 2020 –)
    - Accelerating the transition towards sustainable rice production in Latin America and the Caribbean
    - Fund contributor: SNAPP (Proposal submitted for four network meetings; seeking additional funding for network coordination, fellowships, and piloting of promising identified options)
    - GRA Council Champions: CGIAR (CIAT, Bioversity), Uruguay, USA, Chile, Brazil, Peru, Colombia, Costa Rica, Nicaragua, Ecuador, Argentina + FLAR, The Nature Conservancy, Fedearroz, Venezuela, Danac Foundation – Venezuela
- Set new initiatives in Africa.

# Paddy Rice Research Group: Main ambitions (2) Community

## PRRG Community

- Expand the community circle.
  - New partner organisations
  - New Members
    - Necessary, in particular in **Africa & South Asia**
      - Senegal: a new community member → the 3<sup>rd</sup> Co-Chair (DONE)
      - Constitution of “Africa Sub-Group”
        - Letter of interest/commitment sent to 47 countries by ISRA (DONE)
        - Up to now, formal confirmation received from 1) Rép of Centrafrique, 2) Togo, 3) Rep of Guinea, 4) Nigeria, 5) Gambia, and 6) Cameroon
        - The 3<sup>rd</sup> remind letter sent to the countries
        - The first meeting organised
      - Cameroon: a new community member
      - Costa Rica: a new community member
      - Myanmar: non-member of GRA but newly in the ML
      - **India**: communication trial through a partner organisation

