



GLOBAL
RESEARCH
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

Paddy Rice Research Group Report

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3rd Co-Chair: Republic of Senegal

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Senegal



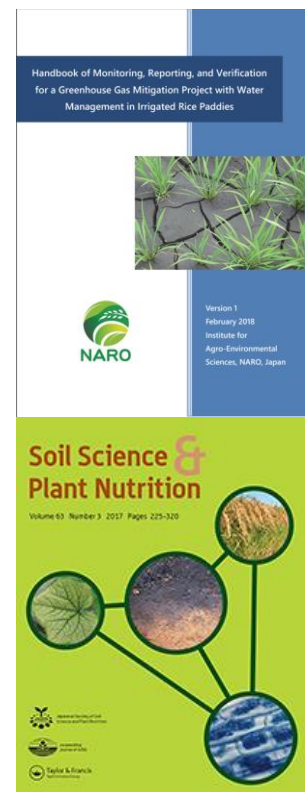
Recent key achievements (1)

- Americas Sub-Group Meeting
 - 14 May 2018, Piura, Peru
 - Participation of 6 Americas, 1 Europe & 1 Asia members + CIAT, FLAR
- Asia Sub-Group Meeting
 - 2 September 2017, Tsukuba, Japan
 - Participation of 7 Asia & 1 Americas members + IRRI, CIAT
 - 12 October 2018, Bangkok, Thailand
- Adoption of an APEC capability building project
 - 10-12 October 2018, Bangkok, Thailand
 - In the week of 12 November, 2018, Osorno, Chile
 - Aiming at dissemination of AWD technology in Asia-Pacific countries
 - Proposed by Japan, New Zealand and Mexico, with co-sponsoring by Chile, Malaysia, the Philippines, Thailand, and Viet Nam



Recent key achievements (2)

- Launch of a collaborative research project in Americas
 - FONTAGRO Project
 - “More rice with less emissions and less water consumption”
 - Participating Countries: Colombia, Perú, Chile
 - Co-participants: CIAT, FLAR
- Launch of 2nd phase of the collaborative research project in Asia
 - Post-MIRSA (MIRSA3) project “GHG emission reduction, Soil C & N and yield maintenance, and Long-term estimation”
 - Fund contributor: MAFF of Japan
 - Participating Countries: Japan, Viet Nam, the Philippines, Indonesia
 - Co-participants: IRRI
- Publication
 - Paddy rice MRV handbook, February 2018
 - Special Section ‘Frontline research in mitigating GHG emissions from paddy fields’ (10 original papers) in SSPN, February 2018
 - Review of rice mitigation options in Latin America and the Caribbean in MDPI, March 2018



Main ambitions (1)

Research Collaboration

- Launch of new projects

- Turning to rice cultivars for solving the methane puzzle in irrigated rice systems
- “Mitigation of CH₄ emissions through the use of rice cultivars”
- Participants: IRRI, CIAT, FLAR, CCAFS
- CLIFF – GRADS Scholarship
- Sustainable rice production in Latin America
 - “Benchmark the economic and environmental sustainability”
 - Participating Countries: Colombia, Uruguay, Chile, Brazil
 - Co-participant: UIUC, CIAT, FLAR, AfricaRice

Main ambitions (2)

PRRG Communities

- Participation/communication of new partner organisations
- Involvement of more members
 - South Asia, Africa, & Europe
- 3rd Co-Chair

MIRSA3 Project

MITIGATION IN IRRIGATED RICE SYSTEMS IN ASIA PROJECT

- Japanese FYs 2018 – 2022 (for 5 years)
- Financially supported by the Ministry of Agriculture, Forestry and Fisheries, Japan
 - Budget size: about 1 million USD /5 years
- Not only mitigate GHG but also conserve the soils.

Field experiments in 3 SEA countries



