

# GLOBAL RESEARCH ALLIANCE

## ON AGRICULTURAL GREENHOUSE GASES

29 August 2017

SECRETARIAT UPDATE



# MEMBERSHIP

## 48 Member Countries



- Argentina
- Australia
- Belgium
- Bolivia
- Brazil
- Canada
- Chile
- China
- Colombia
- Costa Rica
- Denmark
- Dominican Republic

- Ecuador
- Egypt
- Finland
- France
- Germany
- Ghana
- Honduras
- Indonesia
- Ireland
- Italy
- Japan
- Korea

- Lithuania
- Malaysia
- Mexico
- Netherlands
- New Zealand
- Nicaragua
- Norway
- Panama
- Paraguay
- Peru
- Philippines
- Poland

- South Africa
- Spain
- Sri Lanka
- Sweden
- Switzerland
- Thailand
- Tunisia
- United Kingdom
- United States
- Uruguay
- Vietnam
- Zimbabwe

# AT A GLANCE

**48**  
member  
countries



**4** Research  
Groups



  
Paddy Rice  
Research  
Group

  
Livestock  
Research  
Group

  
Croplands  
Research  
Group

  
Integrative  
Research  
Group



**20** Science  
Networks

**14** partner  
organisations



Over **3000** scientists  
involved in activities of the GRA

**44** international  
collaborative projects  
supporting the GRA



**50** fellowships awarded to  
recipients from **25** countries



**19** technical training  
workshops held



**12**  
technical guidelines,  
resource materials and  
databases produced



# STRATEGIC PLAN 2016-2020

## Key Strategies

<b>Further Research Collaboration</b>	<b>Foster Outreach, Knowledge Sharing and Information Exchange</b>	<b>Build Effective Partnerships</b>	<b>Leverage Financial and Other Resources</b>
Strategic Objectives	Strategic Objectives	Strategic Objectives	Strategic Objectives

The GRA has achieved broad global participation in research cooperation and investments to help develop relevant practices and technologies.

The GRA has built global expertise in relevant knowledge and technologies.

The work of the GRA is efficient, effective, and coherent.

There is broad awareness of the GRA's work, particularly its research results and impacts, through an integrated outreach strategy.

There is increased availability and accessibility of research results to relevant stakeholders, including farmers.

There is widespread adoption of relevant practices and technologies.

The GRA is well connected with other initiatives that carry out activities relevant to GRA work and objectives.

The GRA has strong and ongoing financial and other resources to support its activities and Research Groups, including through multilateral development banks and private and philanthropic organisations.

GRA Members and Partners will invest in research and capability building relevant to the GRA mandate, and develop effective mechanisms for resourcing and coordinating collaborative research.

## **22. Organise quarterly regional teleconferences of Council, e.g. Americas, Europe-Africa, Asia-Oceania. (Action: Secretariat, Members, Special Representative)**

- Regional Teleconferences were organised by the Secretariat in early February (13 Countries) and 4th week of May (10 Countries).
- Included an update from the Special Representative, opportunities for the Council to contribute to Flagship and Joint Programming activities, GRA attendance at Partner and other events
- Value to Members



# PARTNER ORGANISATIONS

GLOBAL  
RESEARCH  
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES



CLIMATE &  
CLEAN AIR  
COALITION  
TO REDUCE SHORT-LIVED  
CLIMATE POLLUTANTS



# GRA ATTENDANCE AT MEETINGS

## Participation at events of our Partners or other Organisations:

- Governing Board meeting of FACCE-JPI in Norway which included a dedicated session on international research collaboration with the GRA.
- Participated in WFO General Assembly and presented the GRA in a workshop session on livestock productivity under climate change, including promoting the GRA-WFO Study Tour.
- Participated in FAO biennial conference in Rome, Italy. Co-organised and moderated side-event in partnership with FAO and CCAC.
- COP22 - G7 side-event organised by Japan along with the GACSA, 4/1000 on soil carbon, the FAO Global Soil Partnership.
- First meeting of the 4/1000 Consortium.
- Joint side-event on sustainable livestock with WFO and the World Organisation for Animal Health (OIE) at the FAO Committee on Food Security, 18 October 2016.
- Participated in CCAC Working Group meeting in Santiago, Chile, 26-27 April 2017
- Participated in IPCC meetings and nominated GRA experts as authors to participate in the IPCC Special Report on Climate Change and Land.
- Sponsored WAF congress in Singapore.

# WEBSITE UPDATES

## Expansion of Research Group Pages – to showcase Networks and activities

The screenshot displays the website for the Croplands Research Group. At the top, a dark blue navigation bar contains the following menu items: ABOUT US, RESEARCH GROUPS, COMMUNITY, UPDATES & EVENTS, LIBRARY, and CONTACT US. Below the navigation bar is a header image of a rural landscape with a dirt road, overlaid with the text "CROPLANDS RESEARCH GROUP" and the Global Research Alliance logo.

On the left side, there is a vertical navigation menu with the following items: About Us, Networks, Collaborative Activities, and Capability Building. A stylized leaf icon is positioned to the right of this menu.

The main content area is divided into several sections:

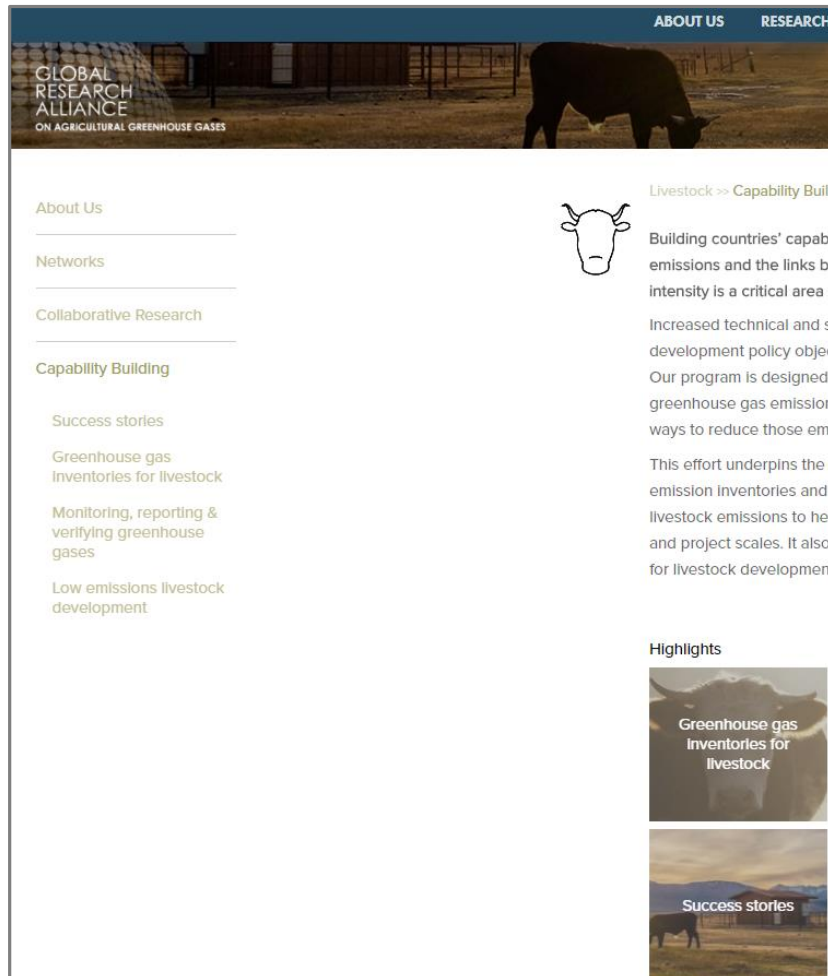
- Highlights:** A section featuring three cards: "Global Research Alliance Modelling Platform (GRAMP)", "Literature Database", and "Managing Agricultural Greenhouse Gases Network (MAGNet)".
- Research Networks:** A section featuring three cards: "Agroforestry Systems Network", "Conservation Agriculture Network", and "Integrated Crop-Livestock Systems Network". Below these are three more cards: "Landscape" and "Nutrient".
- Croplands Library Items:** A section with three items: "Publications", "Meetings", and "Collaborative Activities".
- Related Links:** A section with a bulleted list: "Presentations: Croplands Meeting 2016", "Video presentations: Nitrous Oxide workshop", and "Nitrogen Oxide Network".
- Events:** A section with a "SEE ALL" button and two event listings: "2017 Croplands Research Group Meeting" (08/09/2017 - 09/09/2017) and "6th International Symposium on Soil Organic Matter".

At the bottom left, the URL <https://globalresearchalliance.org/updates> is displayed.

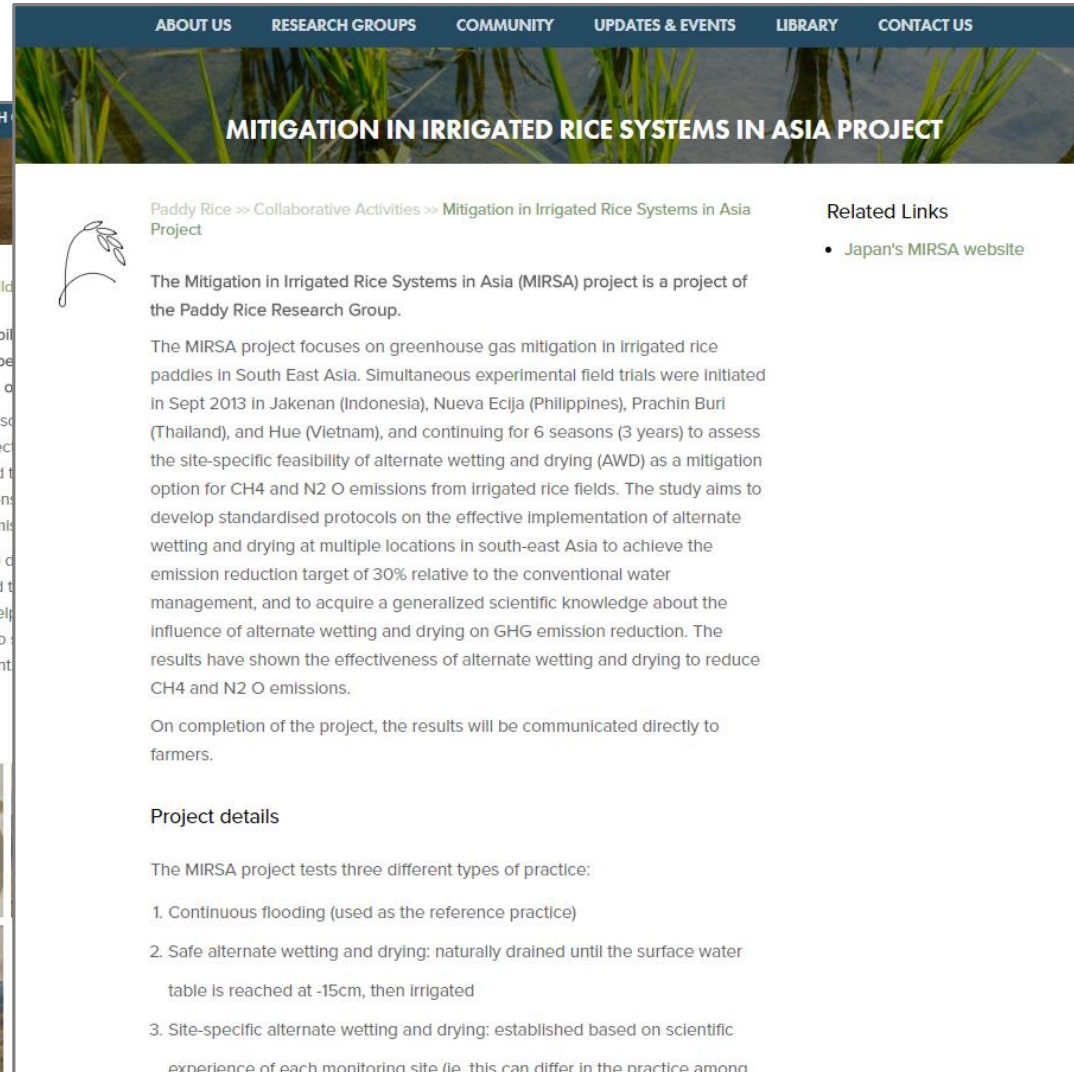


# WEBSITE UPDATES

- Highlight workplan elements and activities
- Focus on priority projects



The screenshot shows the website's navigation and sidebar. The top navigation bar includes 'ABOUT US' and 'RESEARCH'. The sidebar lists several categories: 'About Us', 'Networks', 'Collaborative Research', 'Capability Building', 'Success stories', 'Greenhouse gas Inventories for livestock', 'Monitoring, reporting & verifying greenhouse gases', and 'Low emissions livestock development'. A 'Highlights' section features two image thumbnails: 'Greenhouse gas inventories for livestock' and 'Success stories'.



The screenshot displays the project page for 'MITIGATION IN IRRIGATED RICE SYSTEMS IN ASIA PROJECT'. The navigation bar includes 'ABOUT US', 'RESEARCH GROUPS', 'COMMUNITY', 'UPDATES & EVENTS', 'LIBRARY', and 'CONTACT US'. The page features a breadcrumb trail: 'Paddy Rice >> Collaborative Activities >> Mitigation in Irrigated Rice Systems in Asia Project'. A 'Related Links' section includes 'Japan's MIRSA website'. The main content area describes the project's focus on greenhouse gas mitigation in irrigated rice paddies in South East Asia, detailing experimental field trials initiated in Sept 2013 in Jakenan (Indonesia), Nueva Ecija (Philippines), Prachin Buri (Thailand), and Hue (Vietnam). It outlines the study's aim to assess the feasibility of alternate wetting and drying (AWD) as a mitigation option for CH4 and N2O emissions. The project details section lists three practice types: 1. Continuous flooding (reference practice), 2. Safe alternate wetting and drying (naturally drained until surface water table is reached at -15cm, then irrigated), and 3. Site-specific alternate wetting and drying (established based on scientific experience of each monitoring site).

# WEBSITE UPDATES

Resource Library – access publications, documents, fellowship opportunities and project information

The screenshot shows the 'LIBRARY' page of the Global Research Alliance website. The top navigation bar includes links for ABOUT US, RESEARCH GROUPS, COMMUNITY, UPDATES & EVENTS, LIBRARY, and CONTACT US. The main header features the organization's name and logo on the left and the word 'LIBRARY' in large white letters on a green background on the right. On the left side, there is a vertical menu with categories: Collaborative Activities, Fellowships, Meetings, Publications, and Technical Manuals. A search bar labeled 'SEARCH LIBRARY' is positioned above a grid of document thumbnails. The thumbnails include 'Alliance Charter', 'Paddy Rice Meeting Reports', 'Croplands Meeting Reports', 'Global Research Alliance Modelling Platform Presentation 2016', 'Americas Sub-Group Presentations, Stuttgart 2016', and 'Livestock Research Group Meeting Summary, April 2017'. On the right side, there is a 'Research Groups' section with four categories: Croplands, Integrative, Livestock, and Paddy Rice, each with a corresponding icon. Below this is a 'Sort by:' section with options for 'Date' and 'Title'. At the bottom, the start of another row of thumbnails is visible, including one for 'Addis Ababa, Ethiopia'.

## Members Area

- Existing members area was simplified when new site was developed
- Additional update has now created a document library – publicly accessible.
- Suggest removing the members only area
  - Not much use – only meeting documents are uploaded

*‘The research and development fostered by the Alliance should be conducted in a manner that ensures the widest possible benefit.’*

# SPECIAL REPRESENTATIVE

GLOBAL  
RESEARCH  
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

## Representative role

- Appointed May 2015 - two year pilot
- Lift the profile of the GRA with
  - Members,
  - Partners,
  - non-profit organisations,
  - Research funders,
  - and others in the international community.
- Reports to the GRA Council





**FOR MORE INFORMATION**

**[www.globalresearchalliance.org](http://www.globalresearchalliance.org)**

**[secretariat@globalresearchalliance.org](mailto:secretariat@globalresearchalliance.org)**

**Twitter: @GRA\_GHG**