

# GLOBAL RESEARCH ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

14 November 2019, San Antonio, United States of America  
CROPLANDS RESEARCH GROUP SECRETARIAT UPDATE



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ON AGRICULTURAL GREENHOUSE GASES

# AT A GLANCE

**59**  
member  
countries



**4** Research  
Groups



Paddy Rice  
Research Group



Livestock  
Research  
Group



Croplands  
Research  
Group



Integrative  
Research Group



**17** Science  
Networks

**20** partner organisations

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



**72** international collaborative projects  
supporting the GRA

**117**

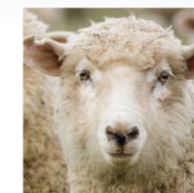
fellowships awarded to recipients  
from **36** countries



**40** technical training workshops held



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



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

@GRA\_GHG

Nov 2019



# PARTNER ORGANISATIONS

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# 2019 COUNCIL MEETING OUTCOMES

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- Indonesia took on role of Chair; Australia confirmed as Vice-Chair.
- **Reframing of Flagship** projects accepted: concrete and time-bound. Existing Flagships to be assessed to check alignment with new framing.
- **Terms of Reference** for Enhanced Secretariat and Special Representative – noting it was approved
- Circular Food Systems: IRG asked to pick up topic and consider creating a Network.
- Secretariat to update **Operational Plan** to reflect completed and new or consolidated actions
- **Communications Strategy** document was adopted.
- Working Group to develop **2021-25 Strategic Plan** – Australia, Canada, China, Germany, Indonesia, Netherlands, New Zealand, Tunisia and Zimbabwe.



# 2019 COUNCIL AND GRA SECRETARIAT

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# GRA FLAGSHIP REFRAMING – from topics to projects

It is proposed that Flagship projects:

- Develop new knowledge, high scientific impact, validate approaches, methods or hypotheses;
- Flagship project leaders should be clearly identified and resourced to complete the project within the specified time-frame;
- Research Group Co-Chairs should not bear the responsibility of leading Flagship projects, except presenting updates at the annual Council meeting, if required;
- Should have global relevance, if not global participation in their delivery.





# GRA FLAGSHIP REFRAMING – from topics to projects

- GRA Flagship Project template to be completed by the lead.
- The GRA Flagship Project must identify at least five Council Champions, Member countries and Partners, but consisting of at least three Members.
- Project proposals to be assessed using criteria, and recommended to Council for endorsement.
- GRA Flagship Projects will be profiled on the GRA website, and once complete final outcomes will be presented to the Council.
- Flagship projects may be a useful collaboration for Research Group Network's, given the group of experts already exist.



# PROPOSED FLAGSHIP PROJECT CRITERIA

## Project Scope

- Project timeline (defined end date) specified.
- Project outcome defined.
- Globally applicable.

## Project Participation

- Benefits from GRA wide collaboration.
- Provides a range of collaboration opportunities – including low cost e.g. data, sample or knowledge sharing.

## Research

- Will the project generate new knowledge, high scientific impact.
- Identified community of experts within the GRA Membership (i.e. proposed by a Research Group or Network – or key coordinators identified if cross-cutting).

## Resourcing

- Flagship project lead identified.
- Funding confirmed for Flagship project lead and core project activities (Minimum 30%, cash or in kind contributions of total project costs).
- Proposed funding mechanisms for additional activities and contributions identified (i.e. fellowship fund, workshop funding, or research call).



# RESEARCH GROUPS

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## PADDY RICE



## LIVESTOCK



## CROPLANDS



## INTEGRATIVE RESEARCH GROUP



GRA SECRETARIAT  
&  
SPECIAL REPRESENTATIVE



Livestock

# LIVESTOCK RESEARCH GROUP (LRG)

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**Co-Chairs:** Jeroen Dijkman, NZAGRC, New Zealand; Sinead Waters, Teagasc, Ireland; UK commitment to become 3rd co-Chair.

## **Group Activities:**

- Recent LRG annual meeting alongside the 7<sup>th</sup> annual GGAA in Foz do Igauçu, Brazil, August 2019
- Three African regional workshops on low emissions livestock development (East Africa – July 2018, West and Central Africa – April 2019, Southern Africa – July 2019)
- MRV website and material, joint with CCAFS ([www.agMRV.org](http://www.agMRV.org))
- Establishing ‘roster’ of experts to share GHG inventory, MRV and NDC knowledge.
- Preparing a science-based document on the role of livestock in sustainable agri-food systems.

**Next Meeting:** Mid-2020, exact timing and location TBC





Integrative

# INTEGRATIVE RESEARCH GROUP (IRG)

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**Co-Chairs:** Jean-François Soussana, INRA, France; Pamela Joosse, Agriculture and Agri-Food Canada; Beverley Henry, ACIAR, Australia

## Group Activities:

- Refocused GHG Inventories and NDC Network, 116 members from 57 countries, regular newsletter published.
- Mitigation Modelling workshop – ahead of GGAA conference, August 2019
- Webinar Series – topics include: Linking with global soil carbon initiatives, carbon offset method in Australia, impacts of climate change on soil carbon, GHG inventories and NDCs. Three successful, 100 registrants each.
- Papers Published: Smith et al. (2019, GCB) How to measure, report and verify soil carbon change to realise the potential of soil carbon sequestration for atmospheric GHG removal

**Next Meeting:** Likely to be March 2020, most likely alongside the annual CIRCASA meeting





Croplands

# PADDY RICE RESEARCH GROUP (PRRG)

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**Co-Chairs:** Yasukazu Hosen, NIAES and NARO, Japan; Álvaro Roel, INIA, Uruguay; Laure Tall, ISRA, Senegal

## Group Activities:

- The third co-Chair of the PRRG is Senegal (Dr. Laure Tall, ISRA).
- Asia sub-Group meeting held alongside the 9<sup>th</sup> GRA Council meeting and the 5<sup>th</sup> annual CGIAR Climate Smart Agriculture (CSA) Conference in Indonesia October 2019.
- Report completed and two successful workshops concluded in 2018 for the APEC Project: “Capacity Building on management Technologies for Climate Smart Rice Cultivation in the South-East Asian and Latin America Rice Sector”.
- Moving to the second phase of the MIRSA-3 project, which has been submitted for consideration by the Council as a Flagship under the new framework.

**Next Meeting:** Considering a joint meeting during 2020 of the three sub-Groups, timing and location TBC.





# Capability Building: Early Career Scientists

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## CLIFF-GRADS

- [Joint Initiative](#) between CGIAR's Climate Change, Agriculture and Food Security (CAAFS) and GRA
  - Up to \$12,000 USD for up to 6 month research visit
  - PHD students from developing countries

## RUFORUM

- GRA Secretariat has established formal relationship with the African Regional Universities Forum for Capacity Building in Agriculture (RUFORUM) to allow GRA to support students through RUFORUM grants system

## Other Opportunities

- Potential for including a PhD as part of existing proposal for GRA relevant project.
- Host a student to undertake a lit. review or small study that could form the base of a larger Research Group activity.

# Capability Building: Early Career Scientists

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**CLIFF-GRADS Workshop, Indonesia, 6-7 October 2019**





**FOR MORE INFORMATION**

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

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

**Twitter: @GRA\_GHG**