

GLOBAL RESEARCH ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

2-4 March 2020, Wageningen, Netherlands
INTEGRATIVE RESEARCH GROUP SECRETARIAT UPDATE



AT A GLANCE

62
member
countries



22 partner
organisations



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

72 international
collaborative projects
supporting the GRA



172 fellowships awarded to
recipients from **45** countries



4 Research
Groups




Paddy Rice
Research
Group


Livestock
Research
Group


Croplands
Research
Group


Integrative
Research
Group



17 Science
Networks



40 technical training
workshops held



23 technical guidelines,
resource materials and
databases produced



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

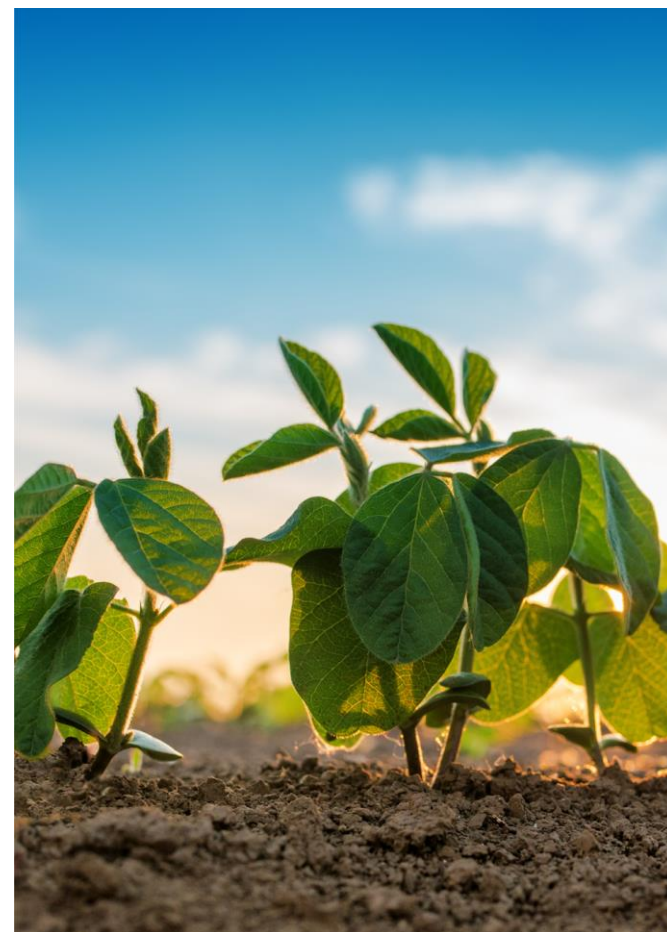
It is proposed that Flagship projects:

- 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

GLOBAL
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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; Richard Dewhurst, DEFRA, UK.

Group Activities:

- Recent LRG annual meeting alongside the 7th 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)
- 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: 18-20 September, Reading, UK



Croplands

CROPLANDS RESEARCH GROUP (CRG)

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Co-Chairs: Mark Liebig, USDA-ARS, USA; Rosa Mosquera-Losada, University of Santiago de Compostela, Spain; Ladislau Martin-Neto, EMBRAPA, Brazil.

Group Activities:

- Developing a CRG collaborative manuscript addressing biophysical opportunities, constraints and caveats of greenhouse gas mitigation options;
- Producing a CRG webinar series on CRG related topics;
- Compiling a journal special issue based around a meta-analysis on nitrous oxide emissions and the impacts of cover-cropping and residue management;
- Producing a publication on soil carbon sequestration and agroforestry; and
- Reviewing the CRG Network structure

Next Meeting: TBC. Likely to be August 2020



PADDY RICE RESEARCH GROUP (PRRG)

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Paddy Rice

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 9th GRA Council meeting and the 5th 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: Africa and Americas TBC

Asia subgroup considering Sept/October 2020 in the Philippines alongside MIRSA-3 annual meeting



Capability Building: Early Career Scientists

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CLIFF-GRADS

- [Joint Initiative](#) between CGIAR's Climate Change, Agriculture and Food Security (CCAFS) and GRA
 - Up to \$12,000 USD for up to 6 month research visit
 - PhD students from developing countries
- Over three rounds of CLIFF-GRADS, 73 awardees have been supported from 23 developing countries. This has been in partnership with 26 research institutes from 21 countries.
- Round 4 open for applications until 1 April 2020. Details [here](#).
 - Advertising 54 opportunities

Capability Building: Early Career Scientists

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

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.
- RUFORUM has a membership of 126 universities in 38 African countries.
- Within currently available resources aim to support 8 “Graduate Research Grants” i.e., 8 Principal Investigators, 16 MSc students and 32 Undergraduate students across RUFORUM member Universities.

Other Opportunities to consider

- 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.

FOR MORE INFORMATION

www.globalresearchalliance.org

secretariat@globalresearchalliance.org

Twitter: @GRA_GHG