

# GLOBAL RESEARCH ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

13 July 2016

SECRETARIAT UPDATE



## 46 Member Countries





# ALLIANCE COUNCIL

GLOBAL  
RESEARCH  
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

- The GRA Council meet 8-11 September 2015 in Des Moines, Iowa, USA.
- Agreement to develop a GRA Strategic Plan.
- Decision to enhance the GRA Secretariat and appoint a Special Representative.
- The 2016 meeting will be held in Mexico City, 11-12 October 2016.
- Finalisation of the GRA 2016-2020 Strategy.
- Focus on transfer of knowledge, and smallholder farmers.
- Identification of GRA research priorities



# GRA ACTIVITIES

GLOBAL  
RESEARCH  
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

- GRA Research Group Brochures
- GRA Strategy Working Group
  - Research Collaboration
  - Outreach, knowledge Sharing and Information Exchange
  - Build Effective Partnerships
  - Financial and other Resourcing
- International Research Collaboration Working Group – with the European Commission
- Website development – pages for Networks



# 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 organizations,
  - Research funders,
  - and others in the international community.
- Reports to the GRA Council

# RESEARCH GROUPS

GLOBAL  
RESEARCH  
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

## RESEARCH GROUPS

### PADDY RICE



### LIVESTOCK



### CROPLANDS



### INTEGRATIVE RESEARCH GROUP





# RESEARCH GROUPS

GLOBAL  
RESEARCH  
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

- Priorities and Outcomes 2015
  - Increase active support from Council and improve links between science and Council country representatives
  - Merge the two Cross-Cutting Groups to form an Integrated Research Group, with cross-cutting networks.
  - More resourcing for capability development activities
  - Establish an International Research Call for the GRA
  - Hold a GRA Science Conference – possibly 2017



# FORMING SCIENCE NETWORKS

## Research Networks

### CROPLANDS

- Agroforestry
- Conservation agriculture
- Crop-livestock systems
- Nutrient management
- Irrigation efficiency
- Peatland management

### LIVESTOCK

- Animal genetics & genomics
- Feed and nutrition
- Manure management
- Rumen microbial genomics
- Animal health
- Mediterranean systems

### PADDY RICE

- Asia sub-Group
- America sub-Group

### INTEGRATIVE

- Grasslands
- Field scale modeling
- Soil carbon sequestration
- Farm and regional scale modeling
- GHG Inventories



# CROPLANDS RESEARCH GROUP

GLOBAL  
RESEARCH  
ALLIANCE

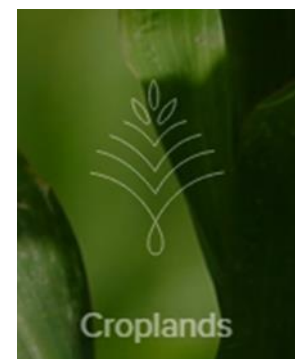
ON AGRICULTURAL GREENHOUSE GASES

## Co-Chairs

- Alan Franzluebbers, USDA-ARS, US
- Ladislau Martin-Neto, EMBRAPA, Brazil

## Group Activities

- Global Research Alliance Modelling Platform (GRAMP) website launch <http://gramp.org.uk/>
- GHG mitigation of agricultural peatlands policy paper (GRA Website)
- CRG Facebook page - <https://www.facebook.com/GRAcroplands>



## Next Meeting

- 10-11 November 2016, Phoenix, USA



# LIVESTOCK RESEARCH GROUP

GLOBAL  
RESEARCH  
ALLIANCE

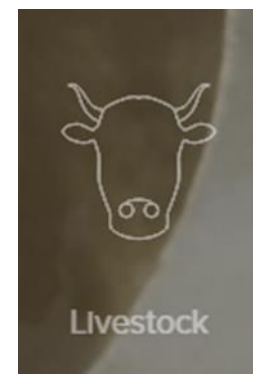
ON AGRICULTURAL GREENHOUSE GASES

## Co-Chairs

- Harry Clark, NZAGRC, New Zealand
- Martin Scholten, Wageningen UR, the Netherlands

## Group Activities

- Country case studies to showcase where mitigation practices are being successfully used.
- Establishing a Mediterranean Livestock Systems Network
- Contributing to a joint enteric methane project with FAO, CCAC and LRG.



## Next Meeting

- April 2017, Washington DC, US



# PADDY RICE RESEARCH GROUP

GLOBAL  
RESEARCH  
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

## Co-Chairs

- Kazuyuki Yagi, NIAES, Japan
- Gonzalo Zorrilla, INIA, Uruguay

## Group Activities

- Measurement Guidelines  
[http://globalresearchalliance.org/wp-content/uploads/2016/03/mirsa\\_guidelines.pdf](http://globalresearchalliance.org/wp-content/uploads/2016/03/mirsa_guidelines.pdf)
- Multi-country projects
- Database of publications and experts

## Next Meeting

- America sub-Group, Stuttgart AK, US
- Asia sub-Group December 2016 -*tbc*



## Co-Chairs

- Brian McConkey, Agriculture and Agri-Food Canada
- Lee Nelson, Department of Agriculture, Australia
- Jean-François Soussana, INRA, France

## Group Activities

- Merges activities of the Soil Carbon and Nitrogen, and Inventories and Measurement Cross-Cutting Groups
- Five Networks, scoping activities and developing workplans
- Participation in meetings of all Research Groups

## Next Meeting

- Joint with Croplands Research Group, 10-11 November 2016, Phoenix, USA





**FOR MORE INFORMATION**

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

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

**Twitter: @GRA\_GHG**