

GLOBAL RESEARCH ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

GRA Council meeting, webcast from Australia

23 - 25 March 2021

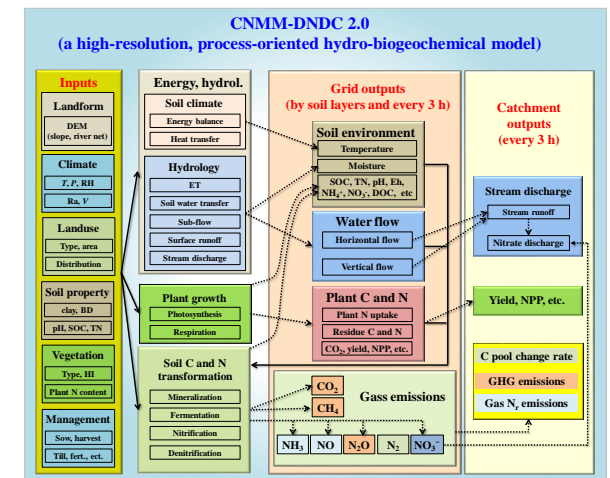
Croplands Research Group Report

María Rosa Mosquera-Losada, Ladislau Martin-Neto, and Mark Liebig

Croplands Research Group: Recent achievements (1)

Network Activities

- **Agroforestry**
 - AFINET handbook and online platform
 - AE4EU new European networking project
- **Conservation Agriculture**
 - Forthcoming special issue in SSSAJ
- **Landscape Management**
 - CNMM-DNDC enhancements
- **Peatlands Management**
 - Indonesia joined Norway as network co-lead



Soil pH Frozen soils

Collaborative / Capacity Building Activities

- **Webinar Series 2020-2021**

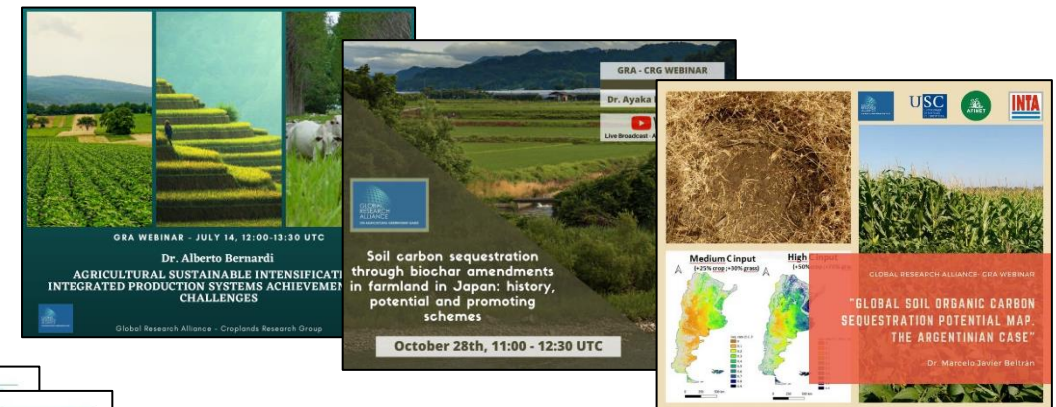
- July (Integrated Systems; Brazil)
- October (Biochar; Japan)
- March (Soil C; Argentina)

- **CRG Newsletter and Outreach**

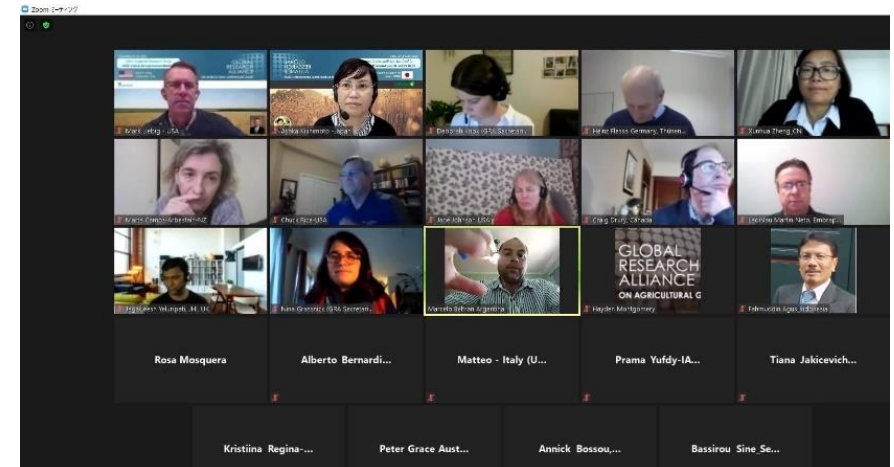
- Released quarterly
- Social media to amplify activities

- **New Annual Meeting Format**

- Virtual, 9-10 December 2020
- Best attendance since 2013



 @GroupGra
 @GRAcroplands



Croplands Research Group: Main ambitions

Network Activities

- **Agroforestry** – Linkages with new and ongoing projects (UNDERTREES, GO-GRASS, AE4EU, EUREKA)
- **Integrated Crop-Livestock Systems** – ICL effects on stability of soil C stocks (II World Congress on Crop-Livestock-Forest Integration Systems, 4-5 May 2021, Brazil)



Plenary Efforts

- **Review paper** exploring opportunities, constraints, and caveats related to GHG mitigation practices for cropland
- Facilitate **literature database survey** to increase access to GHG-related publications for literature reviews and meta-analyses
- Use of **AI and digital technology** for measurement of GHG emissions and/or soil carbon stocks
- Continuation of CRG **newsletter and webinar series**
- **Virtual format** for annual meeting (date TBD)

