



GLOBAL  
RESEARCH  
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

## USA Update – 2019

USDA (ARS, NIFA, OCE)

Croplands Research Group Annual Meeting  
San Antonio, TX  
14 November 2019



# USA Update - 2019

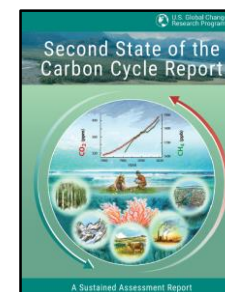
## Direct contributions to GRA-CRG

- Research Group Co-Chair (2011-present)
- Network Leadership and/or Participation (Nutrient, Integrated, Irrigation, Conservation)
- Literature Database (KSU)
- Activity Leadership (MAGGnet)



## Aligned contributions to GRA-CRG

- CLIFF-GRADS hosts (4 ARS locations)
- SOCCR-2 report, 2018 (NIFA leadership)
- USDA GRA Team involvement in LRG, IRG, & PRRG.



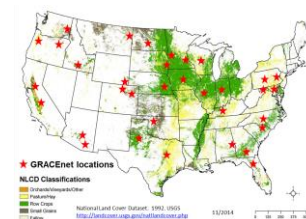
Adams, OR  
Beltsville, MD  
Miles City, MT  
Sidney, MT



## Ongoing efforts aligned with GRA-CRG activities

### Research Networks

- GRACEnet – GHG mitigation & C sequestration
- REAP – Soil health & LCAs
- NUOnet – Nutrient use efficiency
- LTAR – Sustainable intensification



### Data Resources

- AgCROS – Network of networks hosting agricultural research databases.



### Climate Hubs

- Develop and deliver science-based, region-specific information and technologies to land managers that enable climate-informed decision-making and responses.

## Opportunities, future actions and funding

### Borlaug Fellowship Program (FAS)

- Opportunities for mid-career scientists  
(<https://www.fas.usda.gov/programs/borlaug-fellowship-program>)

### National Institute for Food and Agriculture (NIFA)

- Agriculture and Food Research Initiative – various programs, inclusive of conferences (<https://nifa.usda.gov/afri-deadlines>)
- Global Engagement Programs – Center for International Programs (<https://nifa.usda.gov/program/global-engagement-programs>)

### National Academies of Science

- US-AID Partnerships for Enhanced Engagement in Research (PEER) (<http://sites.nationalacademies.org/pga/peer/index.htm>)

### Agricultural Research Service (ARS)

- Host institutions for CLIFF-GRADS Fellows; Postdoc program.