

International Research Symposium on Agricultural Greenhouse Gas Mitigation From Research to Implementation

21-23 October 2024 in Berlin, Germany

Submit your abstract [here](#)

Call for papers

Location: Conference Center Mauerstrasse, Berlin, Germany
Organizer: Federal Ministry of Food and Agriculture Germany (BMEL)
In collaboration with: GRA, CGIAR, Thünen Institute
Website: www.agrighg-2024.de
Email and contact: agrighg-2024@thuenen.de

About the event

The event will bring together researchers and relevant stakeholders from all over the world to discuss options for climate change mitigation measures, their implementation and win-win solutions for scaling up climate action in agriculture, with particular attention to the Global South. We want to discuss possible roadmaps to increase ambition for climate mitigation in agriculture, ways to improve science-policy communication, future work under the Global Research Alliance of Agricultural Greenhouse Gas mitigation as well as specific research topics with high potential for implementation. Specific topics to be addressed include:

Tracking and reporting of GHG emissions

- (1) Novel approaches for MRV and potentials for remote sensing and AI modelling
- (2) GHG monitoring (tools) on product, farm or value chain level

Mitigation measures

- (3) Innovations and technology options for emission reduction (N₂O and CH₄)
- (4) Changes to farm systems and land management (intensification, de-intensification, organic, etc.)
- (5) Increased carbon sequestration on agricultural land (soil carbon, agroforestry)
- (6) Costs of mitigation measures and implementation

Policy instruments and implementation

- (7) National policies to address agricultural GHG emissions
- (8) Carbon markets, prices and other market-based options
- (9) Environmental and socioeconomic effects of climate finance
- (10) Approaches for sustainable food consumption (low-emission diet, alternative proteins, food loss & waste)
- (11) Meeting 2050 targets and net zero pathways (with due attention on food security, gender and inclusion)
- (12) Low-emission development strategies in agricultural food systems

The event will foster international exchange on the implementation of climate mitigation measures in agriculture, set new priorities and ideas for research cooperation and give new impetus to existing and emerging network activities.

Submission procedure

The conference language will be English. Abstracts of max. 500 words of original research on the featured topic must be submitted by April 15, 2024 using the online form at <https://thuenen.limequery.com/265141?lang=en>. Please ensure that the abstracts are of an appropriate level of quality in terms of content and language. A panel of reviewers will decide on the acceptance of an abstract as a poster or oral presentation. A programme committee will allocate accepted abstracts to thematic sessions. Acceptance of abstracts will be notified by June 30, 2024.

Dates and Deadlines

Submission of abstracts	15 April 2024
Acceptance of abstracts	30 June 2024

Preliminary programme structure

21 st October pm	Opening and keynote session Parallel thematic oral sessions Reception
22 nd October am	Keynote session Parallel thematic oral sessions
pm	Keynote session Roundtable discussion Poster sessions
23 rd October am	Keynote session Parallel thematic oral sessions
pm	Parallel thematic oral sessions Closing
24 th October	Post-conference workshops

Scientific Advisory Committee

Dr. Andy Reisinger, NZAGRC
Dr. Claudia Heidecke, Thuenen Institute
Dr. Claudia Ringler, IFPRI, CGIAR
Dr. Harry Clark, GRA
Dr. Nina Grassnick, Thuenen Institute
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