



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

21-23 October 2024 in Berlin, Germany

Submit your abstract [here](https://www.agrighg-2024.de)

Call for Abstracts

Location: Conference Center Mauerstrasse, Berlin, Germany
Organizer: Federal Ministry of Food and Agriculture Germany (BMEL)
In collaboration with: GRA, CGIAR and 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 both climate change mitigation measures and low-emission development strategies in agricultural food systems, as well as their implementation and win-win solutions for combating climate change and enhancing food security. 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. To participate, please submit your abstract under one of the following topics:

Mitigation measures and innovative approaches

- (1) Innovations and technology options for emissions reductions (N₂O and CH₄)
- (2) Changes in farming systems and land management (intensification, de-intensification, organic farming, agroecological approaches, circular economy etc.)
- (3) Carbon sequestration on agricultural land (soil carbon, agroforestry)
- (4) Costs of mitigation and implementation

Policy instruments and implementation

- (5) National policies to address agricultural GHG emissions
- (6) Low-emission development strategies (LEDS) in agricultural food systems
- (7) Meeting 2050 targets and supporting net zero pathways
- (8) Just transitions towards low-emission and resilient agriculture and food systems
- (9) Approaches for sustainable food consumption (low-emission diets, alternative proteins, food loss & waste)
- (10) Managing synergies and trade-offs of mitigation with due attention to food security & marginalised groups
- (11) Carbon markets and other market-based options

Tracking and reporting of GHG emissions

- (12) Novel approaches for MRV and potential for remote sensing and AI modelling
- (13) GHG monitoring (tools) on product, farm or value chain level

The event will foster international exchange on the implementation of climate mitigation measures and low-emission development strategies 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 with original research on one or several of the featured topics must be received by April 15, 2024 using the online form at <https://thuenen.limequery.com/265141?lang=en>. A panel of reviewers will decide on the abstract acceptance for either poster or oral presentation. A programme committee will allocate accepted abstracts to thematic sessions. Submitters of accepted abstracts will be notified by June 30, 2024.

Dates and Deadlines

Submission of abstracts: 15 April 2024
Notification of accepted 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
Dr. Louis Verchot, Alliance of Bioversity and CIAT, CGIAR
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Dr. Wei Zhang, IFPRI, CGIAR