

The logo for the Global Research Alliance, featuring a stylized globe composed of a grid of blue circles on a dark blue background.

GLOBAL
RESEARCH
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

CROPLANDS RESEARCH GROUP: [Republic of Korea]Country Update

A close-up photograph of a field of golden wheat stalks, with the stalks in the foreground slightly out of focus and the background more sharp.

CRG representatives:

Activities/Accomplishment since last meeting

<Network activity>

- Korea has not yet conducted research network activities.
- Hope to participate in conservation agriculture network.
- Share research results and policy direction on fertilizer nutrient management to reduce greenhouse gas emissions in South Korea, and contribute to the promotion of network activities.

<Inventory>

- Korea plans to produce a greenhouse gas inventory in the agricultural sector by applying the 2006 IPCC guideline from 2020.
- In order to apply the 2006 IPCC guideline, national GHG emission factors have been developed and national authorized activity data has been constructed.

Opportunities and plans

<Domestic GHG reduction project>

- Providing incentives to farmers who reduce GHG emissions by using low-carbon agricultural technology (water management, slow-release fertilizer), thereby promoting income growth and voluntary GHG reduction activities.
- Therefore, in order to expand the GHG reduction project, it is developing a methodology linked with the reduction project.

<How to contribute>

- Plan : International cooperative project (research)
 - My institute can make the project, so if you have good or any idea, please contact me (e-mail : silee83@korea.kr)

Policy proposal to policy makers