

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: NORWAY 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:
Hanna Silvennoinen
(hanna.silvennoinen@nibio.no)

Activities/Accomplishment since last meeting

- *Country Update (e.g. communications, meetings, workshops, funding applications, participation in Flagships or other GRA activities etc.)*
- *New projects addressing GHG's from agricultural systems: Climate Smart Use of Norwegian Organic Soils (MYR; 2018-2021; RCN), : Implementing biochar-fertilizer solution in Norway for climate and food production benefits. (2018-2021 CarboFertil RCN); Reduced GHG emissions and improved agronomi with biochar in composting process. (KarbonVekst 2018-2019). Participation to EJP soil.*
- *CRG Peatland Management Network had meetings in November 2017, March 2018 and April 2018*
- *CRG Peatland Management Network organized a Workshop titled "Sustainable use of Northern organic soils" in March 2018 in Norway jointly with MYR and Peatwise projects.*
- *CRG Peatland Management Network organized an EGU session titled "Environment-friendly management of organic soils and paludiculture - from innovation to implementation"*
- *D. Rasse participated actively in planning of Soil Carbon Network activity for 2019 (Intergrative Group).*

Opportunities and plans

- Opportunities to contribute (e.g., meetings, workshops, funding opportunities, proposals for Flagship activities or other GRA activities etc.)

GRA activities:

- *Stakeholder workshop in Norway in March-May (Peatland Management Network)*
- *Proposed EGU session “Management of organic soils – from innovation to implementation” jointly organized with Global Peatlands Initiative, Greifswald Mire Center, Thünen Institute, RePeat and PeatWise -projects (Peatland Management Network)*
- *Scientific workshop in Norway (Soil Carbon Network) proposed 2019*

Relevant proposals under preparation

- *Bid for tender to Norwegian Agricultural Agency on improving soil carbon binding capacity*
- *Bid for tender to Norwegian Environmental Agency on GHG emissions from restored peatlands*
- *Participation to EJP Soil and contribution to JPI TAP Soil group.*

Opportunities and plans

- Capability Building (e.g. existing fellowship programmes, funding for training/workshops OR Identify 2-3 Capability building needs for your country that relate to networks/Flagships)

Capacity building needs:

- *Improve national GHG estimates from Norwegian territory*
 - *Alternatives for mapping agricultural soils*
 - *Ecosystem modelling*
 - *Measurement techniques*
- *Blueprint for conducting soil C inventories for agricultural lands in Norway.*