

GRA-CRG MEMBER COUNTRY ACTIONS AND GROUP VISION

Germany

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Update on key developments

- What new activities (projects, initiatives, etc) are there in your country that are relevant to the work of the CRG?
- CAOS-Climate-Smart Agriculture on Organic Soils (12/2014 - 11/2017)
 - design climate smart agricultural systems for organic soils (water management)
 - Participating countries: Finland, Estonia, Denmark, Sweden, Netherlands, Sweden
 - contribution/benefit: data on the interaction of water table management and GHG fluxes
- Research network ARS AfricaE (2014/08/01 – 2017/07/31)
 - Adaptive Resilience of Southern African Ecosystems
 - Participating countries: South Africa, Germany
 - contribution/benefit: data on the interaction of land use intensity and CO2 fluxes
- SEACRIFOG
 - Supporting EU-African Cooperation on Research Infrastructures for Food Security and Greenhouse Gas Observations
 - Participating countries: Italy, Ghana, Ethiopia, Kenya, Finland, South Africa, Ireland, Namibia, Norway, Czech Republic, Sudan, Sweden, Cape Verde
 - contribution/benefits: capacity building
- National inventory of agricultural soils
 - First consistent national data base on soil carbon stocks in German agricultural soils
 - disentangle and evaluate drivers of soil carbon stocks: geology, climate, pedogenesis, land use, management
 - contribution/benefit: Evaluation and calibration of SOC models (GRAMP)

Longer term aspirations

- Does the CRG function well?/What could be improved?
 - promising collaboration results like open source databases
 - better international and national funding opportunities of GRA related activities
- Where do you see the CRG in 5 years time?
 - Linkage of data bases of measurements (MAGGNET) and models (GRAMP) for improved mitigation assessment