



GLOBAL
RESEARCH
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

Country report : Madagascar



Presentation to IRG Annual Meeting
Wageningen, 03rd March 2020

Specific contributions to IRG

Here, list any contribution of your country to IRG (and other groups if related to IRG activities)

- *Global Soil Partnership*

Willing to join !

Projects, initiatives and contributions to IRG's topics

Here, list the projects and initiatives linked to IRG activities (soil carbon sequestration, GHG inventories, ...) : modelling, existing or future projects, contribution to initiatives, research program, partnership, ... at different scales (field, farm, region, national, international ...).

- *Breakthrough in Nutrient Use Efficiency for Rice by Genetic Improvement and Fertility Sensing Techniques in Africa (Fy-Vary). JICA. | Plot scale. <https://www.jircas.go.jp/en/satreprs>*
- *Soil ECological function REstoration to enhance agrosystem services in rainfed rice cropping systems in agroecological transition (SECURE). Agropolis Foundation | Farm scale. <https://www.secure.mg/>*
- *Beyond climate, soil C sequestration to sustain family farming in the Tropics. BNP Paribas. | Farm scale. <https://www.umr-ecosols.fr/recherche/projets/136-soca>*
- *Forestry and Agroforestry in farm areas in Itasy, Madagascar (Mahavotra). AFD. Assessment of the carbon impact of agroecological practices at farm level using a new appropriate tool of carbon footprint accounting Tropic Farm Tool. | Region scale.*
- *Improving mangrove forest carbon and socio-economic data to improve their management in Madagascar. PEER-USAID Cycle 8. | Regional scale. https://sites.nationalacademies.org/PGA/PEER/PEERscience/PGA_195542*
- *Soil Carbon mapping in Madagascar (2CarMa), Région La Réunion | National scale.*

Projects, initiatives and contributions to IRG's topics

Networks

- *National Network : Intersectoral committee on remote sensing in Madagascar.*
- *Soil Carbon network for Sustainable agriculture in Africa CaSA. Network supported by IRD. This network involves african researchers from 21 institutions and 10 African countries working on soils and soil carbon storage in sustainable agricultural practices, AIRD, Task coordinator.*
- GLOSOLAN - FAO

And contributions to NDCs if relevant

- *Soil Carbon inventories for Mangroves (with the BNCCC-REDD+ Carbon of the Ministry of Environment and Sustainable Development*

Opportunities, future actions and funding

Here, list the opportunities and future actions already identified for your country (soil carbon sequestration, GHG inventories, ...) at different scale (field, farm, region, national, international ...)

- National scale : GHG inventory for BUR and National Communications.

Here, list the possible funding from your country for projects or initiatives in this field

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