

New Zealand Update: Research Projects relevant to IRG

Soil Carbon Research Projects:

- Statistical design for national and farm level soil carbon monitoring completed mid-2019
- Full inversion tillage project in collaboration with Ireland and Germany (due for completion in June 2020)
- Study on the impact of irrigation on soil carbon to finish in 2020
- Commencing with first sampling as part of national agricultural soil carbon direct measurement programme
- Jointly funding with FONTAGRO a national agricultural soil carbon monitoring project involving Argentina, Chile, Colombia, Costa Rica, Spain and Uruguay with technical Support from Canadian and New Zealand scientists.

New Zealand Update: support for improved agricultural GHG inventories

- Supporting countries to move to higher tier reporting of livestock GHGs – Kenya, China (provincial Level), Indonesia completed or underway. More being planned with Australia and want to coordinate with other potential funders.
- Regional research activities
- Development of guidance to support improved MRV – livestock activity data guidance completed and will be published soon – with NZAGRC, CCAFS, FAO and Unique.
- Investment in measurement infrastructure hubs for direct measurements of enteric fermentation – Indonesia underway in beef cattle, others being planned.
- Working with Australia to support Pacific Island countries and territories to participate in GRA and improve agricultural production under climate change.

New Zealand Update: Capability Building Activities Relevant to IRG

CLIFF-GRADS Programme:

- Host to one 2018 and two 2019 Fellows
- Provide funding to overall programme and coordinate overall programme with CCAFS.

LEARN Awards:

- Although primarily livestock focused NZ is looking at offering post-docs alongside NZ funded projects (e.g. soils or pasture N₂O)

NZ-GRADS programme:

- Have developed a new PhD scholarship for developing country students to study in New Zealand – 6 full PhD scholarships being advertised now.

RUFORUM

- Provide funding support for 7 graduate research grants in African RUFORUM member universities