

# GRA-CRG MEMBER COUNTRY ACTIONS AND GROUP VISION



Japan

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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?
  - One on-going GRA related research project on “Evaluating specified emission factor (EF) of N<sub>2</sub>O for organic amendment” – a MAFF funded research program (2011-2013, 2014-2017) initiated by NIAES. It includes 10 field observation sites of the prefectural agricultural experimental stations across Japan. The N<sub>2</sub>O EFs for dairy manure composts would be reported and used for national GHGs inventory of Japan. Published datasets will submit to MAGGnet (update 10 sites this year).
  - Leading actions to meet 4 per mil initiative in Asia: International symposium on “Soil carbon sequestration: needs and prospects under 4 per mil initiative/COP21” will be held on Feb. 28, 2017. The goal is to enhance research and collaboration on soil carbon and GHG mitigation in agricultural systems across Asian countries beyond the 4 per mil Initiative (Dr. Jagadeesh Yeluripati is invited to give a talk on model inter-comparison of SOC long-term managements). Dr. Yasuhito Shirato will be presented to be an expert at Scientific Technical Committee for 4 per mil initiative.
  - Small-scale international cooperative research programs (e.g. with UK for adapting DNDC to Andisols; with Italy for integrating scientific and local knowledge for GHG mitigation strategies).
- How could the CRG contribute to these activities?
  - Function as a point of sharing information and network establishing. Increase the opportunity for project grants.
- How can the CRG benefit from these activities?
  - Input to MAGGnet, identify the effectiveness of GHG mitigation practices through meta analysis etc.



# Longer term aspirations

- Does the CRG function well?
  - Good. The first 5-year action plans did bring people together and achieved results (MAGGnet, GRAMP, wetland policy paper).
- What could be improved?
  - Need to share common outcome concept for the next step.
  - New networks should feedback and link with existing platform (MAGGnet, GRAMP).
  - Seeking for international grants to establish at least one project to bring countries together.
- Where do you see the CRG in 5 years time?
  - If above could be improved, CRG could lead to identify common GHG mitigation practice for worldwide with effectiveness analysis.
  - Function as a sharing point for delivering the most current new findings from member countries (need to design a protocol for information sharing).