



## Measuring or Modelling Greenhouse Gas Emissions from Agricultural Land Use

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue will present current research regarding the measurement and modelling of greenhouse gas emissions from agricultural production, including land used for crops, livestock, grassland and woodland. Considerable research into sources and sinks of emissions from agriculture has been carried out in recent years to improve our ability to quantify emissions and to assess mitigation options at the farm level. Loss of carbon in the form of methane or carbon dioxide, and nitrogen in the form of nitrous oxide, are pollutants associated with global warming and climate change. Agriculture is a notable source of enteric methane emissions from ruminant livestock, as well as methane or nitrous oxide emissions from manure and land. Alternatively, grassland or woodland areas can provide an opportunity to sequester atmospheric carbon. Papers exploring these dynamics associated with agricultural land use are welcomed.

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