



land



an Open Access Journal by MDPI

Measuring or Modelling Greenhouse Gas Emissions from Agricultural Land Use

Guest Editors:

Dr. Matt Bell

School of Biosciences, Sutton
Bonington Campus, The
University of Nottingham,
Loughborough LE12 5RD, UK

Dr. Matthew Harrison

Tasmanian Institute of
Agriculture, University of
Tasmania, Newnham Drive,
Launceston, TAS 7248, Australia

Prof. Dr. Heinz Flessa

Soil Science of Temperate and
Boreal Ecosystems, Georg August
University of Göttingen,
Büsgenweg 2, 37077 Göttingen,
Germany

Deadline for manuscript
submissions:

closed (15 September 2019)

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.

Dr. Matt Bell

Dr. Matthew Harrison

Prof. Heinz Flessa

Guest Editors



mdpi.com/si/13381

Special Issue



land



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Christine Fürst

Department Sustainable
Landscape Development,
Institute for Geosciences and
Geography, University of Halle,
Halle, Germany

Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant Impact Factor, and has a goal to become the best journal in land in the coming years.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SSCI (Web of Science), GEOBASE, PubAg, AGRIS, GeoRef, RePEc, and other databases.

Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Nature and Landscape Conservation)

Contact Us

Land Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/land
land@mdpi.com
X@Land_MDPI