

## Special Issue

# Greenhouse Gas Emissions in Livestock Production

### Message from the Guest Editors

The expected increase in meat and dairy product consumption due to population growth makes livestock housing, as a source of gaseous emissions, an increasing concern, due to its contribution to climate change. The generation rates of this kind of pollution vary with a number of variables such as outside climate conditions, housing systems, livestock building structure and equipment, ventilation systems, manure handling systems, growing cycles, animal diets, animal species, and farmer's barn management. Therefore, it is of high scientific relevance to investigate those relations and improve strategies for reducing GHG emissions from livestock buildings by applying smart farming technologies. This Special Issue welcomes original contributions from researchers, including reviews and original research, that apply innovative methods and technologies, and address issues of scientific relevance in the following broad areas: measurement techniques, protocols, and methodological frameworks regarding the quantification of GHG emissions from livestock systems; methods, techniques, and strategies for reducing GHG emissions from livestock production systems

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### Guest Editors

Prof. Dr. Claudia Arcidiacono

Dr. Sabrina Hempel

Providenza Rita D'Urso

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### Deadline for manuscript submissions

closed (15 April 2024)



## Agriculture

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### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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