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New Insights into Reducing Greenhouse Gas Emissions through Feed Management and Housing in Livestock Production

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Message from the Guest Editor

The increasing demand for food, especially high-quality food of animal origin, encourages the maintainance and promotion of livestock production. However, the livestock sector is one of the main agricultural sectors contributing to greenhouse gas (GHG) emissions and consequently climate change. Methane (CH_4) and nitrous oxide (N_2O) have quantitatively similar contributions from agriculture, while livestock is more responsible for CH_4 emissions.

In this Special Issue, we aim to publish cutting-edge research findings addressing mitigation of GHGs through feed management (feed quality and feed additives) and housing including manure management systems. Feed management covers different aspects including. Methane is produced from fermentation of feed; therefore, the interaction between feed and rumen microbes is an important topic to be investigated. All types of articles, such as original research, opinions, and reviews, are welcome.

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Message from the Editor-in-Chief

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