Special Issue

Managing Air Emissions for a Sustainable Livestock Industry

Message from the Guest Editor

Air emissions from animal operations are receiving increasing attention due to concerns related to human and animal health, nuisances, and impacts on climate change, as well as high uncertainties in emissions and challenges in implementing environmental regulations in the livestock industry. Successful management of air emissions is essential to improving the viability and competitive advantage of the livestock industry. Many efforts have been made for accurate quantification, cost-effective mitigation, and management of livestock emissions. Increased feed efficiency and improved genetics and management practices may all contribute to reduced air emissions. This Special Issue invites contributions that enhance our scientific understanding on the quantification and mitigation of air emissions in a changing livestock industry and policy environment. Original research on measurement, mitigation, and modeling, systematic reviews, and meta-analyses are all welcome.

Guest Editor

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Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

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