Application of Sensor Technologies in Livestock Farming

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Message from the Guest Editors

Dear Colleagues,

This Special Issue explores the role of sensor technologies, e.g., machine vision, in transforming the livestock farming industry. This includes the advancements, challenges, and potential applications of sensor technologies in livestock farming. In addition, this Special Issue focuses on various aspects of sensor technologies, such as data processing and decision-making algorithms, showcasing their effectiveness in livestock management.

The articles will explore how sensor technologies can facilitate the automated monitoring of animal behaviour, disease detection, and identification of individual animals for tracking and sorting purposes. Furthermore, this issue also examines the integration of machine vision with other sensor technologies, such as infrared thermography and RFID, to enhance the overall efficiency and accuracy of data collection.

This Special Issue also addresses challenges associated with implementing sensor technologies in livestock farming, including data management, privacy, and cost-effectiveness.

Special Issue

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Message from the Editor-in-Chief

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