## Special Issue

## Modeling of Livestock Breeding Environment and Animal Behavior

#### Message from the Guest Editor

With the rapid development of precision livestock farming and continuous advancements in technology, livestock production faces an ongoing need for optimization, particularly in intelligent management and environmental modeling. From a technical standpoint, this involves the development of animal behavior detection systems, disease warning systems, and the application of farming robots and deep neural network algorithms. These technological solutions significantly enhance production efficiency, optimize resource allocation, and reduce costs. Therefore, accurately assessing environmental stressors through intelligent systems is crucial to ensure that animals live in optimal conditions. By leveraging smart solutions, we can not only maximize production efficiency, but also ensure that animals enjoy healthy and comfortable living environments.

This Special Issue will feature interdisciplinary research from the disciplines of animal science, veterinary science, and agricultural engineering. Any type of article, including original research, opinion pieces, and reviews, is welcome.

#### **Guest Editor**

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#### Deadline for manuscript submissions

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Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

#### Editor-in-Chief

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