

## Special Issue

# Computer Vision Analysis Applied to Farm Animals

### Message from the Guest Editors

The integration of computer vision and image analysis into precision livestock farming has revolutionized agricultural practices, offering innovative solutions for monitoring and managing farm animals. Historically, traditional animal husbandry relied heavily on manual inspection and intervention. However, recent advances in technology have introduced sophisticated image processing techniques that enable real-time, automated analysis. The aim of this Special Issue is to explore cutting-edge research and applications in computer vision and image analysis for precision livestock farming, emphasizing their role in improving animal health, welfare, and overall farm efficiency. We are soliciting papers that present novel methodologies, applications, and case studies in this field. Topics of interest include, but are not limited to, advanced imaging techniques for monitoring animal health, automated behavior analysis, and integration of computer vision systems with other precision livestock farming technologies. This Special Issue seeks to bring together innovative research and practical solutions to address current challenges and future opportunities in livestock farming.

### Guest Editors

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### Deadline for manuscript submissions

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## Agriculture

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### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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