

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.

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Message from the Editor-in-Chief

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