Special Issue

Advancing Animal Welfare: Precision Livestock Farming Technologies for Monitoring and Preventing Abnormal Behavior

Message from the Guest Editors

The welfare of animals has been a concern for centuries. However, it is only in recent decades that researchers have begun to focus on the monitoring and prevention of abnormal animal behavior. With various advances in technology, there are now more opportunities to detect and prevent abnormal animal behavior, which can have a significant impact on animal welfare.

This Special Issue aims to highlight the latest innovations in monitoring and preventing abnormal animal behavior. We hope to showcase cutting-edge research that is advancing our understanding of animal behavior and welfare. The scope of this Special Issue covers a wide range of topics, from the use of CFD for animal environment optimization to the development of wearable sensors for animal behavior tracking. The articles in this Special Issue will cover a broad range of topics related to the monitoring and prevention of abnormal animal behavior, e.g., precision indoor positioning, environment control, the automatic monitoring of animals, behavior and stress, remote disease diagnosis, and environmental hazard emission control.

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Deadline for manuscript submissions

closed (15 May 2024)

Agriculture

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 6.3

mdpi.com/journal/
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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