



an Open Access Journal by MDPI

Precision Livestock Innovations in Sheep Farming

Guest Editors:

Dr. Hefin Williams

Institute of Biological,
Environmental and Rural
Sciences (IBERS), Aberystwyth
University, Penglais, Aberystwyth,
Ceredigion, UK

Dr. Rhys Aled Jones

Institute of Biological,
Environmental and Rural
Sciences (IBERS), Aberystwyth
University, Penglais, Aberystwyth,
Ceredigion, UK

Dr. Manod Williams

Institute of Biological,
Environmental and Rural
Sciences (IBERS), Aberystwyth
University, Penglais, Aberystwyth,
Ceredigion, UK

Deadline for manuscript
submissions:

closed (20 April 2023)

Message from the Guest Editors

Precision Farming is becoming increasingly widespread in many aspects of modern agriculture, including within livestock production systems. Precision Livestock Farming (PLF) revolves around monitoring attributes from individual animals where possible and using these data to tailor the management of individuals for greater productivity, sustainability, welfare, and reduced inputs.

Significant strides are being made in the development and industry adoption of PLF innovations in many livestock sectors, however, there remains considerable scope and requirement for research that address the specific challenges and needs of precision management in the sheep sector. These challenges include the predominance of outdoor grazing systems creating physical distance between farmers and livestock and large flock sizes in many regions of the world.

The aim of this Special Issue is to present research and reviews that will address the question of what Precision Livestock Innovations can be successfully developed for use in sheep farming and how they can lead to greater productivity, sustainability, improved welfare, and reduced inputs.



mdpi.com/si/70645



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, Western Australia 6102, Australia
2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank: JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)

Contact Us

Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](#)