Special Issue

The Comprehensive Utilization of Edible Insects and Fish By-Products in Animal Feeding

Message from the Guest Editors

The expected growth of the global population is one of the greatest challenges mankind has to face in the future. It is thus pivotal for livestock systems to rely on alternative animal protein sources to remain sustainable in the medium-long term. In this context, animal protein sources such as insects and fish by-products are promising alternatives to conventional ones, especially in circular economy systems which are driven and evaluated by life cycle thinking. This Special Issue aims to gather valuable scientific contributions on this topic, which, being multifaceted by nature, requires a comprehensive view to tackle, as it concerns, for example, dedicated producing systems, animal nutrition, health and welfare issues, circularity, and the social economic and environmental sustainability of feed production based on insects and/or fish byproducts, as well as other novel and emerging issues. The submission of ground-breaking research in the form of regular papers, short communications, and systematic reviews is thus invited for this Special Issue.

Guest Editors

Dr. Pier Paolo Danieli

Department of Agriculture and Forest Sciences (DAFNE), University of Tuscia, Via S. C. de Lellis snc, 01100 Viterbo, Italy

Dr. Alessandra Roncarati

School of Biosciences and Veterinary Medicine, University of Camerino, Viale Circonvallazione 93-95, 62024 Matelica, Italy

Deadline for manuscript submissions

30 November 2025



an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/195148

Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

mdpi.com/journal/ animals





an Open Access Journal by MDPI

Impact Factor 2.7 CiteScore 5.2 Indexed in PubMed



About the Journal

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.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
 Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

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)

