

## Special Issue

# Aquatic Animals: New Horizons for Blue Growth

### Message from the Guest Editors

The current world population of 7.6 billion is expected to approach 10 billion people by 2050. The global level of the prevalence of undernourished people has remained unchanged at a level slightly below 11 percent for several years (Food and Agriculture Organization of the United Nations). Aquatic animals constitute a substantial contribution to our food supplies. In comparison with terrestrial livestock farming, fish are the most efficient converts of feed to weight (feed conversion ratio) and also have high protein and energy retention and high harvested edible yield. Aquaculture is a young animal production and, accordingly, the potential of biotechnological advances to improve both production and efficiency is very high. This Special Issue on aquatic animals welcomes research articles in multidisciplinary fields, such as physiology, nutrition, genetics, immunology and diseases, husbandry and management, aquaculture engineering, environment conservation, animal welfare and products.

---

### Guest Editors

Dr. Eva Armero

Animal Production Section, Universidad Politécnica de Cartagena, Cartagena, Spain

Dr. Manuel Manchado

IFAPA, Centro El Toruño, Junta de Andalucía, Camino Tiro Pichón, S/N, 11500 El Puerto de Santa María, Spain

---

### Deadline for manuscript submissions

closed (31 December 2021)



## Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/55055](https://mdpi.com/si/55055)

*Animals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[animals@mdpi.com](mailto:animals@mdpi.com)

[mdpi.com/journal/  
animals](https://mdpi.com/journal/animals)





# Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/journal/  
animals](https://mdpi.com/journal/animals)



## 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

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

---

### 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 )