

## Special Issue

# Advances in Penaeid Shrimp Culture, Feeds and Feeding

### Message from the Guest Editors

Research in Penaeid shrimp culture has been ongoing for the last five decades and supports one of the fastest growing global primary industries, with total aquaculture volumes in 2018 of 6 million metric tons and a value of USD38.5 billions. The industry is dominated by the whiteleg shrimp, *Litopenaeus vannamei*, and the giant tiger prawn, *Penaeus monodon*, which account for 83% and 13% of global production volume, respectively. Today, shrimp production utilizes a range of production strategies, from extensive to super-intensive systems, to improve productivity, feed conversion efficiency, biosecurity, and reduce impacts on the environment. New innovative production technologies and high-quality, sustainably sourced feeds are increasingly relied upon to grow this sector and deliver a premium cultured seafood product globally. We invite review and original research papers related to recent advances in shrimp culture, feeds and feeding, including technological advances and nutritional aspects relevant to their culture and marketing over the entire production process, from breeding, larval rearing, to grow-out and entry into the food supply chain.

### Guest Editors

Dr. Cedric J. Simon

Dr. Mauricio G.C. Emerenciano

Dr. Artur Rombenso

Dr. Felipe Boéchat Vieira

### Deadline for manuscript submissions

closed (31 July 2022)



## Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/54803](https://mdpi.com/si/54803)

*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. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. 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)