



*animals*



an Open Access Journal by MDPI

## Animal Management in the 21st Century

Guest Editor:

**Dr. Wendy Y. Brown**

Animal Science, University of  
New England, Armidale, NSW  
2351, Australia

Deadline for manuscript  
submissions:

**closed (31 January 2018)**

### Message from the Guest Editor

Dear Colleagues,

In the 21st century, animal managers face more challenges than ever before. For all species of animals under human care, whether in zoos, research facilities, or pet owners' homes, there are increasing demands for improved animal welfare, reduced environmental impact, and greater accountability. For the production animal industries, there are additional pressures to improve productivity with decreasing resources to feed a globally increasing population. Whilst at the same time, overpopulation of invasive and pest animals compete for many of the same resources. To help meet these challenges, animal managers in the 21st century need to be innovative and inventive. In a changing and diverse world this can mean revisiting older technologies with typically lower environmental impact, or utilizing the latest advances in 'smart' technologies, from drones to GPS trackers.

Manuscripts address any aspect of animal management are invited for this special issue. Topics of special interest that utilize emerging technologies to address 21st century challenges, and innovative approaches to improving animal welfare and management.

Dr. Wendy Y Brown



[mdpi.com/si/10380](https://mdpi.com/si/10380)

# Special Issue



an Open Access Journal by MDPI

## 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

## 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: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (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, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/animals](http://mdpi.com/journal/animals)  
[animals@mdpi.com](mailto:animals@mdpi.com)  
[X@Animals\\_MDPI](https://twitter.com/Animals_MDPI)