

## Special Issue

# Applications of Accelerometers and Other Bio-Logging Devices in Captive and Wild Animals

### Message from the Guest Editors

Bio-logging devices have been widely used in ecology in a large range of species to acquire information on the secret lives of animals in the wild, which would be challenging to obtain otherwise via direct observation. Data obtained from bio-logging devices on animals both in captivity and in the wild have been used to assess several aspects of animal biology and physiology, with different applications including estimating activity patterns, habitat use, energy expenditure, body temperature, and sleep. Devices have also rapidly developed in recent years. Tiny devices now allow extensive data collection even on small animals.

We here launch a Special Issue on the applications of accelerometers and other bio-logging devices deployed on both captive and wild animals. We welcome original papers regarding all aspects of research using bio-logging devices, including but not limited to new analytical techniques, behavioral validation, physiology, energy expenditure, sleep, movement ecology, and community ecology.

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### Guest Editors

Dr. Marco Campera

Dr. Marianna Chimienti

Prof. Dr. Anna Nekaris

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### Deadline for manuscript submissions

closed (15 June 2022)



## Animals

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

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## 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.

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### 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

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