animals

IMPACT FACTOR 2.7 | Indexed in: PubMed | CITESCORE 5.2

an Open Access Journal by MDPI

Recent Advances and Innovation in Wildlife Population Estimation

Guest Editor:

Prof. Dr. Dimitrios Bakaloudis
School of Forestry and Natural Environment, Laboratory of Wildlife and Freshwater Fisheries, Aristotle University of Thessaloniki, Thessaloniki, Greecee

Deadline for manuscript submissions:
closed (1 September 2024)

Message from the Guest Editor

The estimation of population size is fundamental to wildlife management and conservation. Recently, high-tech devices have been used more frequently to monitor wild animals in an effort uncover behaviors that have until now been mysteries, but also to accurately assess biodiversity in remote areas.

The Special Issue aims to provide a forum for collating innovative techniques on wildlife population estimation. We welcome original research or review articles which focus on technology including (but not limited to) innovative wildlife monitoring techniques, such as camera traps, thermal cameras, implanting devices, satellite remote sensing, drones, environmental DNA (eDNA), acoustic sensors, etc. for use to conserve wildlife populations. In addition, papers from a wide range of disciplines, such as citizen science, artificial intelligence, deep neural networks, and machine learning are also welcome.

As this is a new and emerging research area, the knowledge on these topics will shed light on the most promising techniques in the realm of wildlife conservation going forward.

Prof. Dr. Dimitrios Bakaloudis

animals

IMPACT FACTOR 2.7 | Indexed in: PubMed | CITESCORE 5.2

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips
Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, WA 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: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (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, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/animals
animals@mdpi.com
𝕏@Animals_MDPI