Animals as Biological Indicators of Pollution in Terrestrial and Aquatic Ecosystems

Guest Editor:

Prof. Dr. Agnieszka Tomza-Marciniak

Department of Animal Reproduction Biotechnology and Environmental Hygiene, West Pomeranian University of Technology, 71-270 Szczecin, Poland

Deadline for manuscript submissions:
closed (30 April 2023)

Message from the Guest Editor

Animals play a very important role in environmental studies. The use of animals as bioindicators/biomonitors makes it possible to determine not only the degree of environmental contamination but also the extent of exposure of living organisms to certain substances.

The present Special Issue aims to demonstrate the diversity of research focusing on broadly understood environmental research, where animals can provide valuable information on the degree of contamination of various ecosystems and their level of exposure, allowing hazards to be identified and risk assessments to be performed.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- The use of animals in pollution monitoring and assessment;
- The use of animals as biological indicators to direct or indirect estimates of pollutant exposure;
- The use of animal sentinels to the early detection and identification of environmental hazards;
- The synthesis of biomonitoring data with toxicological, epidemiological, and health data;
- The design and development of biomonitoring systems.

Special Issue

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