

## Special Issue

# Contaminated Environments: The Effects of Toxic Waste on Animal Health and Conservation

### Message from the Guest Editor

The rising prevalence of environmental contamination due to toxic waste poses significant threats to biodiversity and ecosystem health. Pollutants from industrial, agricultural, and municipal sources permeate environmental systems, profoundly affecting wildlife health and survival. Understanding these impacts is essential for developing mitigation strategies and safeguarding vulnerable ecosystems. Toxic waste impacts animals through direct exposure and bioaccumulation within food chains, manifesting as endocrine disruption, immune suppression, reproductive failure, and disease susceptibility. Pollutants also contribute to habitat degradation and altered species interactions. This Special Issue aims to present advancements in understanding contamination effects on animal health and conservation. Through innovative research, we strive to support biodiversity preservation and sustainable environmental management. We invite high-quality submissions examining contamination impacts on animal health and ecosystems.

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### Guest Editor

Dr. Li Ding

Ministry of Education Key Laboratory for Ecology of Tropical Islands,  
College of Life Sciences, Hainan Normal University, Haikou 571158,  
China

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### Deadline for manuscript submissions

25 June 2026



## 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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### 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. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, Western Australia 6102, Australia
2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

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