

Special Issue

The Effects of Climate Change on Sharks

Message from the Guest Editors

Dear colleagues, Climate change is creating a myriad of physical, chemical, and biological stressors in our oceans. These alterations are occurring at unprecedented rates, disrupting the balance of marine ecosystems. Keystone species, such as sharks, are amongst the most endangered vertebrate taxa. Their populations are critically declining, predominantly due to overfishing and habitat destruction, which poses a compelling need to assess their vulnerability to other stressors—in particular, climate change. In a changing ocean, sharks may display a multitude of physiological adaptations to cope with stress, including changes in metabolism, predatory behavior, and fitness. Although the scientific community has begun to unravel the effects that climate change may have on sharks, we are still far from comprehending the full extent of these impacts. Original manuscripts that address the effects of climate change on sharks are invited for this Special Issue. Topics of special interest are related to the combined effects of ocean warming, acidification, and deoxygenation. Practical applications to inform policymakers are also encouraged.

Guest Editors

Dr. Maria Rita Pegado

Laboratório Marítimo da Guia, MARE, Marine and Environmental Sciences Centre, Faculdade de Ciências da Universidade de Lisboa, Avenida Nossa Senhora do Cabo n° 939, 2750-374 Cascais, Portugal

Dr. Marisa Vedor

Centro de Investigação em Biodiversidade e Recursos Genéticos, Universidade do Porto, Rua Padre Armando Quintas n° 7, 4485-661 Vairão, Portugal

Deadline for manuscript submissions

closed (1 May 2022)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/87511

Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)





Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)



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.

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

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)