



animals



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Impact of Environment Change on Marine Animals Movement Ecology

Guest Editors:

Dr. Sandra Hochscheid

Marine Turtle Research Group,
Department of Marine Animal
Conservation and Public
Engagement, Stazione Zoologica
Anton Dohrn, Portici, Italy

Dr. Katherine Mansfield

Marine Turtle Research Group,
Biology Department, University
of Central Florida, Orlando, FL,
USA

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Message from the Guest Editors

The environment shapes many aspects of animal life histories, and as Knut Schmidt-Nielsen so precisely pointed out, “no animal exists, or can exist, independently of an environment, and the animal that utilizes the resources of the environment must also be able to cope with the difficulties it presents.” Difficulties, or, we would like to add, changes. Changes in the environment can trip the sensitive equilibrium between the functions and needs of an animal and its surrounding environment. As a response, animals can compensate through changing their movements such as seasonal migrations, dispersal, and foraging.

In the proclaimed golden age for animal movement studies, with this Special Issue, we address the impact that environmental change has on the movement ecology of marine animals. We are interested in studies across all marine taxa and habitats that show changes in the horizontal and/or vertical distribution, diving, foraging, and migration patterns in response to a change in one or more environmental factors (e.g., temperature, dissolved oxygen, salinity, turbidity, currents, noise, etc.).



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Special Issue



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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

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.

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Contact Us

Animals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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