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Biological and Ecological Impacts of Artificial Light at Night: A New Threat for Conservation

Guest Editor:

Dr. Kylie Robert
Department of Ecology, Environment & Evolution, La Trobe University, Melbourne Victoria 3086, Australia

Deadline for manuscript submissions:
closed (30 June 2022)

Message from the Guest Editor

Over billions of years, organisms have evolved to respond to natural light cues to control or modulate behavior, activity, reproductive timing, and physiological function. The moon and stars are no longer the only major source of nighttime illumination. Artificial lighting has fundamentally changed the earth's nighttime environment, with a wide range of biological and ecological effects on animals.

There is a timely need for an integrated approach to understanding the consequences of artificial light at night for conservation outcomes particularly given the worldwide increase and infiltration of light into protected areas and biodiversity hotspots.

The scope of this Special Issue is wide, and we invite submissions that focus on wildlife irrespective of taxonomic group, habitat type or conservation status. Studies that focus on an across realm or landscape scale are particularly welcome, as are experimental studies focused on mitigation and conservation outcomes.

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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

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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
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