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Evolutionary Ecology of Eusocial Insects in a Changing World

Guest Editors:

Dr. Claudie Doums

1. Ecole Pratique des Hautes
Etudes EPHE-PSL, Paris, France
2. Institut de Systématique,
Biodiversité, Evolution, Paris,
France

Dr. Thibaud Monnin

1. Centre National de la
Recherche Scientifique, France
2. Institute of Ecology and
Environmental Sciences of Paris,
Paris, France

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Message from the Guest Editors

This Special Issue focuses on the evolutionary ecology of eusocial insects in the light of global changes. Specifically, it aims to highlight the individual and/or colony responses to these changes, and to analyse the costs and benefits of group living in the face of global changes. Any biotic or abiotic environmental factors may be considered, including temperature and rainfall and changes in their altitudinal or latitudinal gradients, urbanisation, pesticide or heavy metal pollutions, introduction of invasive species, etc. This Special Issue may therefore include a large diversity of studies analysing, for instance:

- The effects of environmental factors on colonial and/or individual traits. For instance, the effects of increased temperatures on foraging strategies (e.g., behavioural shift in the time of foraging) or worker heat resistance (e.g., through HSP production), and the consequences of such adaptations.
- The genetic responses of eusocial insects to global changes, at both population and gene levels.
- The colonial and individual traits affecting colony resilience to changes of ecological factors, or providing invasive properties.



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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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