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The Adaptive Responses of Wildlife to Climate Change

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Message from the Guest Editors

Dear Colleagues,

Rapid climate change stresses populations, species, and ecosystems, risking regional extinctions and global biodiversity loss. Nevertheless, animals are evolved to have some capacity to respond to variability in their environment. For this Special Issue, we welcome articles focusing on behavioural, physiological, and genetic adaptability to climate change and ensuing environmental change. We invite both conceptual and applied contributions, where understanding the intrinsic mechanisms underlying species adaptability is vital to future policy and management. Articles addressing (in)ability to cope with increased weather variability, and not just warming trends, are of especial interest, particularly work investigating individual response heterogeneity within populations. We also welcome articles focusing on indirect, or cascade, effects of climate change on animal populations; for example, effects on hibernation strategies, parasites and disease epidemiology, or habitat and food availability. Ultimately, we intend this Special Issue to shift the paradigm from alarm to informed action.



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Special Issue



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Editor-in-Chief

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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: 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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