

Special Issue

Genetics Meets Shape: Interdisciplinary Approaches to Biological Invasions

Message from the Guest Editors

Biological invasions are among the greatest challenges in biodiversity conservation, food security, and ecosystem health. Invasive species can rapidly adapt, alter ecosystem functioning, and displace native species. Understanding invasion success requires interdisciplinary approaches that integrate ecology, genetics, and morphology.

This Special Issue will focus on research that combines population genetics and geometric morphometrics to address central questions in invasion biology. We welcome studies on vertebrates, invertebrates, and vectors of medical or veterinary importance. Contributions may include agricultural pests that endanger food systems, insect vectors affecting public health, or exotic species that are becoming established in extreme environments such as Antarctica.

We invite articles and reviews on genetic and morphological signatures of invasions, phenotypic plasticity and rapid evolution, integrative genomic–morphometric approaches, vectors and pests, invasions in polar and subpolar ecosystems, and biosecurity applications.

Guest Editors

Dr. Margarita Correa

Centro de Investigación de Estudios Avanzados del Maule, Universidad Católica del Maule, Talca 3460000, Chile

Dr. Hugo A. Benítez

Instituto One Health, Facultad de Ciencias de la Vida, Universidad Andres Bello, Santiago, Chile

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

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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. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, Western Australia 6102, Australia
2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

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