

## Special Issue

# The Invasive Blue Crab: Implications for Fisheries, Aquaculture and One Health Perspective

### Message from the Guest Editors

The invasive blue crab, *Callinectes sapidus*, presents significant challenges and opportunities in various fields. This Special Issue seeks to gather extensive research on the diverse impacts of this species. Major areas of interest include the effects on fisheries and aquaculture, where the blue crab's predatory and competitive behaviors disrupt local ecosystems and economic activities. Additionally, we aim to explore the environmental impacts on biodiversity, habitat structures, and ecosystem services. Understanding the disease dynamics and potential threats posed to native species by the blue crab through pathological studies is another key focus. Genetic research will provide insights into the species' adaptive mechanisms and spread, while studies on contaminants, especially emerging pollutants, will shed light on bioaccumulation risks in invaded areas. This Special Issue aspires to offer a comprehensive, multidisciplinary understanding of the blue crab, guiding management strategies to mitigate its negative effects and exploit potential benefits through a One Health approach.

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### Guest Editors

Dr. Giuseppe Esposito

Dr. Silvia Colussi

Dr. Paolo Pastorino

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### Deadline for manuscript submissions

25 December 2025



## Animals

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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: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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### Editor-in-Chief

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