

Special Issue

Fish Cognition and Behaviour

Message from the Guest Editor

This Special Issue aims to advance our understanding of the cognitive abilities and behavioral strategies of fish, shedding light on their ecological, evolutionary and neurobiological significance. This collection seeks to explore the mechanisms underlying fish cognition, including perception, learning, memory, decision-making, and social interactions, as well as how these behaviors adapt to environmental challenges. The scope of this Special Issue includes, but is not limited to, the following topics:

- Cognitive processes in fish, such as problem-solving, spatial navigation, and tool use.
- Behavioral adaptations to changing environments (e.g., climate change, habitat loss).
- Social behavior and communication in fish populations.
- Neurobiological foundations of cognition and behavior in fish species.
- Comparative studies between fish and other vertebrates in cognitive or behavioral traits.
- Applications of fish cognition research in conservation biology and aquaculture.

Guest Editor

Dr. Asahi Ogi

IRCCS Fondazione Stella Maris, San Miniato, Italy

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Animals
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. 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

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