

## Special Issue

# Causes and Consequences of Cognitive Variation in Fishes

### Message from the Guest Editors

Fishes are not only the largest but also the most diverse group of vertebrates. Fishes inhabit a wide range of habitats and exhibit remarkable diversity in life history, morphology, physiology, behavior, and ecology. Differences in life history, ecology, and social systems have likely shaped the cognitive abilities of fishes, but our understanding of fish cognition is still limited relative to that of other taxa. Understanding how and why cognition varies within and between species will ultimately help us to understand the selective pressures shaping species and how fishes have adapted to their environments. The main aim of this Special Issue is to determine the drivers of cognitive variation in fishes, a taxon that is underrepresented in the field of cognition. This Special Issue has a broad scope and will be of interest to researchers studying cognition, behavioral ecology, and evolutionary biology, in fishes and beyond. Papers on the causes and consequences of fish cognition with respect to social system, physiology, and ecology are welcome. In addition, phylogenetic studies, reviews, and meta-analyses are also encouraged.

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### Guest Editors

Dr. Ines Braga Goncalves

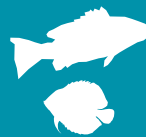
Dr. Ben Ashton

Dr. Stefan Fischer

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### Deadline for manuscript submissions

closed (31 October 2023)



## Fishes

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## About the Journal

### Message from the Editor-in-Chief

*Fishes* is a multidisciplinary open access journal focusing on reports of original research and critical reviews and synthesis from the broad area of fishes and aquatic animals. The ultimate objective of *Fishes* is to facilitate the discovery of connections between research areas, advancing science and filling knowledge gaps, and providing solutions for all present and future issues encountered in the sector of fisheries and aquaculture. As Editor-in-Chief, I encourage you to consider *Fishes* for your scientific papers and would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Maria Angeles Esteban

Department of Cell Biology and Histology, Faculty of Biology, University of Murcia, 30100 Murcia, Spain

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