

## Special Issue

# Feeding Strategies and Reproductive Technologies in Aquaculture and Fisheries

### Message from the Guest Editor

Key features of many aquaculture and conservation programs across the globe involve the culture of captive species and includes the rearing and breeding of wild broodstock and their offspring. However, rearing wild animals in captivity is sometimes challenging due to maintaining complex suitable environments, understanding peculiar behavioral patterns and sensitive physiological responses, providing specialized diets and meeting specific feeding requirements, and a variety of other unpredictable factors. Identifying the feeding conditions and nutrient needs of the animals is critical to the development of a proper feeding strategy to achieve significant growth and gonadal maturation in captivity. The purpose of this Special Issue is to collect high-quality, original research papers that addresses the current practices and to look at new advances of aquatic animal feeding strategies and reproductive technologies. Areas of interest may include, but are not limited to, feeding strategies at different life stages, inducing first feeding in captivity, weaning, breeding strategies, and assisted reproductive technologies for all aquatic non mammalian animals.

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### Guest Editor

Prof. Dr. Tien-Chieh Hung

Fish Conservation and Culture Laboratory, Department of Biological and Agricultural Engineering, University of California, Davis, CA, USA

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### Deadline for manuscript submissions

closed (15 September 2022)



## Animals

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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.

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### Editor-in-Chief

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