



Reproductive Biology and Assisted Reproductive Technologies in Amphibians

Guest Editor:

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Deadline for manuscript submissions:

closed (31 July 2023)

Message from the Guest Editor

Dear Colleagues,

Amphibians are facing a dramatic worldwide extinction crisis on a scale not previously seen due to anthropogenic impacts. The integration of multiple disciplines for the development and implementation of assisted reproductive technologies and for enhancing the knowledge and understanding on basic reproductive biology for a greater number of amphibians species is crucial to boost global conservation efforts.

Assisted reproductive technologies could enhance reproductive success, reduce the number of live animals kept in captivity, facilitate selective breeding, and enable long-term storage of reproductive material. In addition, understanding the natural reproductive behavior of a species and how it responds to changes in the environment is crucial for the application of these technologies and the success of in situ and ex situ conservation approaches.

The aim of this Special Issue is to publish original research articles and reviews which cover any aspect of reproduction in amphibians includes amphibian reproductive behavior, physiology and endocrinology, assisted reproductive techniques, and germplasm storage are invited for this Special Issue.





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2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

Message from the Editor-in-Chief

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