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Conservation Genetics and Genomics

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Deadline for manuscript
submissions:

closed (30 September 2018)

Message from the Guest Editors

For more than thirty years, methods and theories from evolutionary biology, phylogenetics, population genetics and molecular biology have been used by conservation biologists to better understand threats to endangered species due to anthropogenic changes. Commonly described as Conservation Genetics, the scope of research has included effects of habitat fragmentation and over-harvesting on small populations, barriers to natural gene flow, uncertainty about units of conservation due to unresolved taxonomies and cryptic species, and molecular ecology of threatened populations and species.

Advances in genomics, along with cross-disciplinary approaches, such as landscape genetics, have now greatly expanded the purview and value of this field of study. Genomics technologies have opened avenues of research into genetic rescue, restoration, and what has been termed the field of de-extinction.

In this Special Issue, we invite our colleagues in these varied disciplines to contribute original articles, new methodologies and reviews of the expanding landscape of conservation genetics and genomics. We are now experiencing what has been termed the sixth mass extinction.



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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