

## Special Issue

# Modelling the Impact of Climate and Land Use Changes on Wildlife by Integrated Distribution and Connectivity Analyses

### Message from the Guest Editors

Land use and climate change are recognized as the two major processes affecting the realized distribution of wildlife in the Anthropocene. The amount, spatial arrangement, and integrity of original habitats are increasingly being altered, relegating animal populations into fragmented and progressively more isolated habitat remnants. In turn, the disruption of individuals and genetic fluxes among populations trigger cascade effects that can end in the so-called extinction vortex. Effective landscape and conservation planning should rely on a comprehensive evaluation of the independent and synergic effects of both land use and climate change. Nowadays, many modelling frameworks dealing with different sources of predictors exist to infer species distribution and functional connectivity among residual populations. In this Special Issue, we would like to collect research papers that adopt innovative methods to integrate species distribution and connectivity information in order to evaluate the effect of land use change, climate change, or their interaction on single species or multiple-species distribution.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 2021)



## Land

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### Message from the Editor-in-Chief

*Land* is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend *Land* for your best research publications for a fast dissemination of your research.

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### Editor-in-Chief

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