

## Special Issue

# Landscape Connectivity for Sustainable Biodiversity Conservation

### Message from the Guest Editors

The recognition of the role of landscape connectivity in biodiversity conservation has increased considerably at the international level, and it is a central topic in ecology and conservation science. However, the practical implications of landscape connectivity for conservation are not clearly recognized in the identification and planning of conservation areas, with effects on their long-term sustainability unknown. Scientists and managers must solve several challenges in sustainable planning for landscape connectivity. In this Special Issue, we aim to explore the recent advances in connectivity planning from a multiscale perspective by considering global change, including the analysis of the effects of climate change, the selection of the most suitable methods for evaluating the sustainability of spatial connectivity, and the assessment of the predictive abilities of simulation techniques in different contexts. This Special Issue welcomes submissions including, but not limited to, the above topics in the form of review, research, or perspective articles

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### Guest Editors

Prof. Dr. Irene Petrosillo

Dr. Donatella Valente

Dr. Maria Victoria Marinelli

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### Deadline for manuscript submissions

31 December 2025



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### Editor-in-Chief

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