

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

Guest Editors

Prof. Dr. Irene Petrosillo
Dr. Donatella Valente
Dr. Maria Victoria Marinelli

Deadline for manuscript submissions

closed (31 December 2025)



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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon
School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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