

Special Issue

Forests as Nature-Based Solutions: Ecosystem Services, Multiple Benefits and Trade-Offs

Message from the Guest Editors

Forest ecosystems can be considered as multifunctional Nature-based Solutions (NbS), since they deliver key ecosystem services to people. The concept of NbS is an “umbrella” framework for several ecosystem-based approaches, categorized by the IUCN as protective, restorative, infrastructure-based, management-based or issue-specific. NbS are becoming more and more relevant in international policy frameworks, however, for the effective implementation and mainstreaming of NbS, several research gaps need to be addressed. This Special Issue welcomes studies bringing new data and methods about i) quantification of ecosystem services (regulation and maintenance, provisioning, cultural) provided by forests in natural, semi-natural and urban contexts, as well as their potential disservices; ii) monetary valuation and cost/benefit analysis of forests as NbS to sustainably address specific challenges. Original research and reviews targeted at understanding key characteristics of NbS, supporting the delivery of multiple benefits, the potential limitations and trade-offs, as well as case studies of operationalization of NbS into policy decisions, are particularly encouraged.

Guest Editors

Dr. Elisabetta Salvatori

Department for Sustainability (SSPT-STs), Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), R.C. Casaccia, Via Anguillarese, 301-00123 S.Maria di Galeria, Rome, Italy

Dr. Giacomo Pallante

Department for Sustainability (SSPT-PVS), Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), R.C. Casaccia, Via Anguillarese, 301-00123 S.Maria di Galeria, Rome, Italy

Deadline for manuscript submissions

closed (22 May 2022)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/87231

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

[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)





Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)



About the Journal

Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,
I-25121 Brescia, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

Journal Rank:

JCR - Q2 (Forestry) / CiteScore - Q1 (Forestry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).