



*forests*



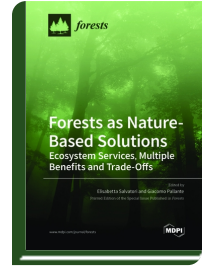
*Special Issue Reprint*

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

[www.mdpi.com/books/reprint/6114](http://www.mdpi.com/books/reprint/6114)

Edited by  
Elisabetta Salvatori  
Giacomo Pallante

ISBN 978-3-0365-4975-0 (Hardback)  
ISBN 978-3-0365-4976-7 (PDF)



The concept of Nature-based Solutions (NbS) is becoming increasingly relevant in international and European policy frameworks. In March 2022, the fifth session of the United Nations Assembly for the Environment (UNEA-5) adopted a formal “Resolution on Nature-based Solutions NbS for Supporting Sustainable Development”, in which an agreed definition of NbS was given, recognizing their important role in the global response to climate change and its social, economic, and environmental effects. Forest ecosystems, including natural forests, managed forests, agroforestry systems, and urban and peri-urban forests, can be considered as multifunctional NbS, delivering key ecosystem services to people and supporting biodiversity. However, for the effective implementation and mainstreaming of forests as NbS, several research gaps still need to be addressed.

This collection of papers presents relevant results from scientific researchers about the ecosystem services provided by forests in natural and urban contexts, encompassing not only providing services, but also regulation and maintenance services, such as carbon and air pollution sink, as well as recreational services. The impacts of environmental changes on forest multifunctionality and services provision are also investigated. Case studies for monetary valuation, willingness to pay for ecosystem services, and cost/benefit analyses are presented. The potential trade-offs and synergies between services, which might result from different stakeholders’ perspective and management strategies, are identified and critically discussed, adopting a science–policy interface approach.



Order Your Print Copy  
You can order print copies at  
[www.mdpi.com/books/reprint/6114](http://www.mdpi.com/books/reprint/6114)

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



## Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



## Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



## High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



## High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



## Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.