

Editorial

Forest Resources Management: An Editorial

Vítor João Pereira Domingues Martinho 

Agricultural School (ESAV) and CERNAS-IPV Research Centre, Polytechnic Institute of Viseu (IPV),
3504-510 Viseu, Portugal; vdmartinho@esav.ipv.pt

The forest plays a decisive role in terms of its potential contribution to the dimensions of sustainability and the frameworks created by climate change and global warming. In fact, the forest is an important carbon sink, thus contributing to mitigating the environmental impacts of greenhouse gas emissions. In addition, economic activities that can be carried out on forest lands bring income to landowners and generate employment for communities. However, temperature change (increased forest fire risks), urban sprawl, economic pressures, land abandonment and road and rail networks, for example, create new challenges to forest resources. On the other hand, taking into account the particularities of these resources, their economic potential is often ignored or not properly addressed by stakeholders. These contexts require innovative approaches to forest resource management, where better planning and more efficient management can be key to achieving the Sustainable Development Goals.

This Special Issue on “Forest Resources Management” for the Journal *Sustainability* is intended to be a relevant contribution, bringing new insights to discussions related to forest planning and added value for sustainability. Specifically, this Special Issue addresses the following topics: plans for more sustainable forest management; interrelationships with agricultural planning; potential of forest resources for the production of ecosystem services and public goods; forest fire risk mitigation; policies to promote the circular economy and renewable energy.

Considering these topics, this Special Issue received several submissions and published seven papers, five articles and two reviews. The articles focused on the following issues: forest resources in Northern Pakistan, assessing perspectives on forest management techniques and sustainability [1]; importance of forest products to rural contexts in South Africa, analyzing the contributions of natural products to households [2]; parameters of Korean Pine in Northeastern China to select high-yield wood materials [3]; assessment of the impacts of forest fires on vegetation recovery using new technologies [4]; and forest management and sustainability in the European Union [5]. The reviews highlighted the ecological dimensions of the forest to assess the evolution of vegetation [6] and agri-food frameworks in Mediterranean geographies [7].

In conclusion, this Special Issue on “Forest Resources Management” in the Journal *Sustainability* provides new and relevant insights that can be considered by various stakeholders, including public institutions and policymakers.

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References

1. Ali, S.; Wang, D.; Hussain, T.; Lu, X.; Nurunnabi, M. Forest Resource Management: An Empirical Study in Northern Pakistan. *Sustainability* **2021**, *13*, 8752. [[CrossRef](#)]
2. Dalu, M.T.B.; Gunter, A.W.; Makatu, M.; Dowo, G.M.; Dondofema, F.; Dalu, T. Contribution of Natural Forest Products to Rural Livelihoods at Mavunde and Sambandou Villages, Vhembe Biosphere Reserve, South Africa. *Sustainability* **2021**, *13*, 4252. [[CrossRef](#)]
3. Kombi Kaviriri, D.; Liu, H.; Zhao, X. Estimation of Genetic Parameters and Wood Yield Selection Index in a Clonal Trial of Korean Pine (*Pinus Koraiensis*) in Northeastern China. *Sustainability* **2021**, *13*, 4167. [[CrossRef](#)]
4. Han, A.; Qing, S.; Bao, Y.; Na, L.; Bao, Y.; Liu, X.; Zhang, J.; Wang, C. Short-Term Effects of Fire Severity on Vegetation Based on Sentinel-2 Satellite Data. *Sustainability* **2021**, *13*, 432. [[CrossRef](#)]
5. Martinho, V.J.P.D.; Ferreira, A.J.D. Forest Resources Management and Sustainability: The Specific Case of European Union Countries. *Sustainability* **2021**, *13*, 58. [[CrossRef](#)]
6. Ivanova, N.; Fomin, V.; Kusbach, A. Experience of Forest Ecological Classification in Assessment of Vegetation Dynamics. *Sustainability* **2022**, *14*, 3384. [[CrossRef](#)]
7. Martinho, V.J.P.D. Agri-Food Contexts in Mediterranean Regions: Contributions to Better Resources Management. *Sustainability* **2021**, *13*, 6683. [[CrossRef](#)]