

## Special Issue

# Unused Plant Biomass as a Raw Material for Obtaining High-Value-Added Products

### Message from the Guest Editors

In the course of evolution, people and animals have learned to use and adapt different forms of biomass for their own benefit, using them as medicinal products or food, and have accumulated knowledge concerning which plants cannot be used due to their negative effects. Therefore, it is necessary to accumulate knowledge regarding unused plant biomass and its various high-value-added products while respecting the concept of biorefining and the circular economy, which could benefit the local/global economy by creating new jobs and using less fossil-based materials by partially replacing them with unused plant biomass. This Special Issue will exert a positive environmental impact by promoting the use of the waste generated by agriculture and the forestry industry. Secondly, it will offer social and health benefits through the creation of biologically active extracts that are non-toxic and can be employed in cosmetics, functional food, and energy production. Lastly, this Special Issue will have economic benefits, introducing new revenue streams derived from the unused waste of various industries, according to their perspective value.

### Guest Editors

Dr. Maris Lauberts

Latvian State Institute of Wood Chemistry, Dzerbenes street 27, LV-1006 Riga, Latvia

Prof. Dr. Arturs Viksna

Faculty of chemistry, University of Latvia, Jelgavas street 1, LV-1004 Riga, Latvia

### Deadline for manuscript submissions

20 August 2025



## Plants

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[plants@mdpi.com](mailto:plants@mdpi.com)

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### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

Prof. Dr. Dilantha Fernando  
Department of Plant Science, University of Manitoba, Winnipeg, MB  
R3T 2N2, Canada

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