

Special Issue

Plants and the Impact of Environmentally Hazardous Chemicals: An Approach between Tolerance and Sensitivity

Message from the Guest Editors

The study of the quality of life at any level on Earth is a topical issue, and the balance of the biosphere is inextricably linked to changes in the environment induced by anthropogenic influence. The effects of various contaminants are frequently reported in the literature, but further investigations into the increased toxicity of pollutants, the cytochemical behavior of coexisting hazardous substances, and the ecological, economic and social consequences are absolutely necessary. Despite the fact that plants are a vital resource in tackling pollution, the limits of plant exploitation in phytoremediation or tolerant plants as biomonitors, as well as the impact of the absorption and accumulation of pollutants in the food chain are not well defined. Plant protection and conservation, the design and implementation of management strategies, furthermore the support and promotion of pollution reduction approaches must be the priorities of the world driven by the principle of sustainable development.

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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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