

Special Issue

Heavy Metal Stress in Plants

Message from the Guest Editors

The demand for non-ferrous metals, such as lead, zinc, cadmium, silver, nickel, bismuth, cobalt, copper, chromium, tungsten, or gold, is still very high among others because of its resistance to rust and corrosion. Ores mining, its processing and further industrial production using those elements is associated with very severe environmental pollution. Especially agroecosystems receive large amounts of heavy metals through water or via air and hence the contamination of crops that causes cancers in humans.

For this reason, in this Special Issue we invite all persons interested in (i) improving the condition of plants used in remediation, and (ii) the increase in their selection for individual habitat conditions. As we should also be focused on the problem of (iii) plant response to multistress and (v) possible ways to mitigation of its effects, hence we cordially invite all scientists working in this field to present the results of their research. (iv) New research approaches and comprehensive analysis are of particular interest.

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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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