

Special Issue

Phytoremediation and Plant Morphophysiology in Contaminated Areas

Message from the Guest Editors

Plants which are growing on contaminated areas use special strategies which enable them to avoid or tolerate stress. However, if the dose of stress factor is too strong, plants also show the symptoms of malformations which can lead even to plant death. At the beginning, both symptoms of defence strategies as well as disturbance symptoms occur at the molecular level. Subsequently, the signs of both plant resistance/adaptation to stress as well as its sensitivity are visible at the cellular, tissue and organ level. These symptoms can be used as markers of particular plant resistance or sensitivity for a given pollutant. Therefore, in this Special Issue, which concerns the phytoremediation and morphophysiology of plants growing on contaminated substrate/medium, we welcome the articles (original research papers, perspectives, hypotheses, opinions, reviews, modelling approaches and methods) that focus on symptoms of both adaptation and resistance strategies, as well as distortion effects in plants.

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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, and 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.

Editor-in-Chief

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