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Biological Response of Plants to Environmental Changes

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Message from the Guest Editors

Dear Colleagues,

Global drivers of environmental change such as climate and pollution may have a remarkable effect on the biological response of plants. Plants (including lichens and bryophytes) show an integrated response to environmental factors and have been used for many years to evaluate the uptake and enrichment of air pollutants in biota, as well as injury, damage, and yield loss in crop plants. The biological monitoring of plants is of practical value in assessing exposure and risk caused by various pollutants, both outdoors and indoors. The use of sensitive indicator plants can lead to detailed statements on the overall biological effect of pollutants. The knowledge of pollutant uptake in plants relevant to human nutrition can give a hint to the potential exposure risk for humans.

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Guest Editors



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