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Climate Change and Environmental Pollution on Plants: Potential Impacts and Survival Strategies

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Message from the Guest Editors

Plants are sensitive and vulnerable to all forms of climate change and environmental pollution. In most cases, pollutants and climate change often result in plant abiotic stress physiology, alter plant metabolism and make plants vulnerable to pathogen infestation, which causes a reduction in plant growth and consequently globally threatens food security and the ecosystem. Global warming, climate change, and industrial pollution lead to an increase in the frequency, complexity and intensity of stress situations impacting plant growth. The response of plants to an individual or a multifactorial stress combination is unique and involves many transcripts and genes. Understanding possible survival strategies under such challenging conditions will be valuable to researchers in botany, agricultural science and environmental science.

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Message from the Editor-in-Chief

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