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Air Pollution in Urban Areas Impacts on Vegetation and Ecosystems

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Message from the Guest Editors

Air pollutants and greenhouse gases have common sources and are diffused all over the world, affecting ecosystems. During recent years, an increase in the air pollutant precursor for photochemical reactions has increased the effects of air pollution stress in the troposphere on plants. Due to rapid urbanization and an increase in fossil fuel consumption over the past decades, this increase could be harmful to plant growth and human health in urban ecosystems.

This Special Issue includes topics on the combined and interactive effects of air pollution and climate change on vegetation and ecosystems, the discrimination of species-specific physiological behavior in relation to air pollution, the impacts of elevated CO₂ and nitrogen deposition on several forests, photosynthetic responses to elevated air pollutants, and air pollution-induced effects on the forests of several countries. Plants ecologists, physiologists, physicists, meteorologists, environmentalists, and any other researchers are welcome to submit papers.

Deadline for manuscript submissions:

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Special Issue

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Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend *Land* for your best research publications for a fast dissemination of your research.

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