

Special Issue

Monitoring, Modelling and Management of Agricultural Air Pollutants and Greenhouse Gases

Message from the Guest Editors

In order to reduce agriculture-related atmospheric emissions, the utilization of appropriate technologies and methodologies to realistically evaluate the impact of pollution on the atmosphere and suggest options for mitigation may be of use to farmers and policy makers. This Special Issue focuses on the monitoring, modelling and management of the air pollutants and greenhouse gases (GHG) emitted from agricultural activities, including farmland soil management, fertilization, pesticide use, agricultural machinery, residue burning, and animal feeding operations (AFOs). This Special Issue welcomes interdisciplinary studies that are relevant to a range of research fields, including agricultural environment, biology, chemistry and engineering. The published research articles will address a broad range of agricultural atmospheric pollutants and GHGs, from ground monitoring to remote sensing, and from simulation modelling to mitigation technologies. Original research articles, opinions and reviews are welcome.

Guest Editors

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Prof. Dr. Qiuju Xie

Prof. Dr. Li Guo

Deadline for manuscript submissions

closed (20 August 2024)



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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

Editor-in-Chief

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