

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

Prof. Dr. Weiwei Chen

Prof. Dr. Qiuju Xie

Prof. Dr. Li Guo

Deadline for manuscript submissions

closed (20 August 2024)



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Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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