



Application of Fluid Mechanics in Air Quality Management of Agricultural Facilities and Rural Environment

Guest Editor:

Dr. Se-Woon Hong

Department of Rural and Bio-
systems Engineering, Chonnam
National University, Gwangju
61186, Korea

Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editor

Air quality has a great influence on agricultural productivity as well as on the health of farm workers. For intensive farming, it is of utmost importance in providing the most favorable air conditions for individual crops and animals. Moreover, air pollutants emitted from agricultural activities can threaten nearby residents, environment, and ecosystems. Over the decades, we have struggled to manage air quality in agricultural facilities and rural areas, and the Fluid mechanics has provided creative solutions.

The Special Issue is to present recent trends and innovative studies on the following topics (but not limited to): 1) air quality management in greenhouses, livestock barns, warehouses, storages, silos, etc.; 2) atmospheric dispersion of gases, odors, dust, chemicals, or pollutants emitted by agricultural activities in rural environment; and 3) innovative and novel application of fluid mechanics related to agricultural studies. Please share your success and ongoing research.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Peter Langridge

School of Agriculture, Food and
Wine, University of Adelaide,
Urrbrae, SA 5064, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (*Agronomy*) / CiteScore - Q1 (*Agronomy and Crop Science*)

Contact Us

Agronomy Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
[X@Agronomy_Mdpi](https://twitter.com/Agronomy_Mdpi)