

Special Issue

Preparation, Function and Application of Agrochemicals

Message from the Guest Editors

The Special Issue will highlight cutting-edge research in agrochemical science. This includes the following:

- The use of nanotechnology in agrochemical delivery systems for enhanced targeting and reduced environmental exposure.
- The development of biopesticides and biofertilizers derived from natural sources.
- The application of genomics and proteomics in understanding the mode of action of agrochemicals and resistance mechanisms in pests.
- The integration of agrochemicals with other pest control methods.
- The development of decision support systems for the optimal use of agrochemicals based on environmental and economic factors.

Potential topics include but are not limited to the synthesis and characterization of new agrochemical compounds, the evaluation of the efficacy and safety of novel agrochemical formulations, studies on the environmental fate and impact of agrochemicals, field studies on the application of agrochemicals when integrated pest management systems, the analysis of economic and social implications of agrochemical use, and reviews on the current state and future prospects of agrochemical research and development.

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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

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