



## Pesticides Application and Remediation from the Environment

Guest Editor:

**Dr. Pankaj Bhatt**  
Purdue University

Deadline for manuscript  
submissions:  
**closed (25 October 2022)**

### Message from the Guest Editor

Pesticides are used globally to fulfill the large-scale food and feed requirements. Pesticides are mainly used in agriculture to increase the crop yield. The massive application of these xenobiotics in agriculture leads to their eventual release to groundwater bodies. In addition, pesticide residues enter the food chain, affecting both human and animal systems. Therefore, due to the huge application and risk associated with pesticides there is an urgent need to develop sustainable technology and conduct in-depth explorations of this important topic.

This Special Issue specifically focuses on the application of pesticides in agricultural systems and potential remediation strategies. Throughout the world farmers are using broad-spectrum pesticides to kill pests and protect crops from their attacks. Organophosphates, organochlorines, pyrethroids, and neonicotinoids are being used for agricultural practices.

In this Special Issue we aim to enhance the knowledge about pesticide application and remediation strategies. We are eager to receive contributions from the international scientific community working on pesticide application, toxicity, and remediation.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,  
Water and Environment  
Research, Charles Sturt  
University, Wagga Wagga, NSW  
2678, 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), GEOBASE, PubAg, AGRIS, and other databases.

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

## Contact Us

---

*Agronomy* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

mdpi.com/journal/agronomy  
agronomy@mdpi.com  
X@Agronomy\_Mdpi