# Special Issue

# Sustainable Use of Pesticides— 2nd Edition

### Message from the Guest Editors

Pesticide is a double-edged sword: it is widely used to control harmful organisms such as pests and weeds, but also affects non-target organisms and causes human disease and environment pollution. The potential risks associated with the use of pesticides are acceptable to a certain extent, considering the benefits that they generate. With this, the aim of the sustainable use of pesticides is to balance the risks and benefits of their application. This Special Issue aims to achieve the sustainable use of pesticides by reducing the risks associated with their use in agriculture, and by promoting the use of integrated pest management (IPM) and alternative green approaches and techniques. Research articles may cover topics related to pesticide use status, pesticide risk evaluation, new techniques of pesticide application, field pest resistance status, resistance mechanisms, and pesticide resistance management strategies. For this Special Issue, we welcome all types of articles, including original research, opinion, and review articles.

#### **Guest Editors**

Prof. Dr. Xun Zhu

Prof. Dr. Zhiguang Yuchi

Prof. Dr. Xin Yang

Prof. Dr. Lang Pan

### Deadline for manuscript submissions

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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

#### Prof. Dr. Les Copeland

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