

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

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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.

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