

Special Issue

Agroecological Crop Protection in Low-Input Agricultural Systems

Message from the Guest Editors

The need to improve agricultural sustainability in order to secure yields, minimize environmental impacts, and buffer environmental change is widely recognized. Although agroecology approaches encompass more than pest management, this aspect is a pivotal element of our agricultural future. In modern cropping systems, pesticides represent a crucial input with respect to controlling plant pests and securing quality and yield in plant production. Agroecological strategies for crop protection, including biological pest control, natural pesticides, allelopathic plants, and push-pull approaches, can positively contribute to the management of weeds, pests, and diseases in sustainable agricultural systems, and could foster innovation in the low-input and organic farming sectors. This Special Issue aims to gather up-to-date knowledge related to the cutting-edge research in the broad scientific area of agroecological approaches to crop production, with particular emphasis on crop protection.

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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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