

Special Issue

Effects of Fertilizer and Irrigation on Crop Production

Message from the Guest Editors

The additional demand for food by the growing population and availability limitations will require that we increase resource use efficiency of water and nutrients for crops. The efficient management of water and nutrients (without underestimating the role of plant genetics) has been identified as crucial for closing the yield gap of main crops. Sustainable intensification of agriculture should rely, therefore, on defining management strategies that increase water and nitrogen use efficiency. We would like to invite researchers from a large number of countries to submit their papers dealing with water and nutrient management in different agroecosystems with different problems. We welcome original manuscripts, which might help us understand the processes of water movement in the non-saturated zone, nutrient uptake by crops, nutrient loss (e.g., lixiviation, runoff, gas emission); the utilization of new application equipment in the field, proximal/remote sensing implementation, novel approaches, and methodology, and applications of models are also welcome.

Guest Editors

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Deadline for manuscript submissions

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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

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