Special Issue

Effects of Soil Tillage and Fertilization under Different Cropping Systems

Message from the Guest Editor

Agriculture is a crucial activity for our economy. According to the Food and Agriculture Organization of the UN (FAO), agricultural activity represents almost 40% of world GDP and agricultural goods are responsible for 43% of world exports. Soil tillage and fertilization are key to boosting crop productivity. However, while conservation mobilization techniques are crucial for sustainability, intensification and fertilization can degrade soil quality and hinder long-term food production. Urgent research is needed to address this issue. Also, emphasis should be placed on the search for new fertilizer products, the valuation of potentially polluting residues as agricultural fertilizers (often aimed at increasing the retention of carbon in the soil), the reduction of greenhouse gas emissions, and increasing water use efficiency. It is our objective in this Special Issue to gather a set of research works on these topics. We invite all researchers working in the field to send their contributions so that we can gather relevant and up-to-date information that will allow more balanced decision-making from economic and environmental perspectives.

Guest Editor

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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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