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Effects of Fertilizer Application on Soil Physico-Chemical and Biological Properties

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Deadline for manuscript submissions:
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Message from the Guest Editors

The growing world population, which is expected to reach 8.5 billion by 2030, coupled with changing dietary preferences is expected to drive fertilizer industry expansion. Currently, half of all food globally is produced using mineral fertilizers, and nitrogen is usually a major limiting factor for crop production. The continuous application of fertilizers and/or their excessive rates, however, could lead to undesirable consequences, such as reduced crop yields and a deterioration in soil health, i.e., its capacity to function, within ecosystem and land use boundaries, to sustain biological productivity, maintain environmental quality, and promote plant and animal health. This Special Issue focuses on the physico-chemical and biological properties of soils governed by applied fertilizers, with an emphasis both on the negative impacts and the management of the maintenance or improvement of soil quality. This Special Issue particularly invites highly interdisciplinary studies embracing disciplines from agriculture and soil science to the environment and humans. All types of articles, such as original research and reviews, are welcome.

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Message from the Editor-in-Chief

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