Special Issue

Advances in Organic Matter Residue Application for Sustainable Agriculture

Message from the Guest Editor

At the same time as energy and non-renewable mineral resources are consumed to produce mineral fertilisers, nutrients in organic residues are problem substances if released into the environment. In future nutrients in organic residues should be treated as resources to be brought back into agricultural production. Not all nutrients in organic residues are immediately available to plants. There is still work to be done to give farmers accurate advice regarding the dosage of each individual product. More work can be done to tailor treatment options to achieve an optimal product in each case. The purpose of the treatment is to obtain a stable product and recover energy and obtain the nutrients in a better form. More research could focus on how it affects greenhouse gas emissions from soil as well as nutrient leaching after application of products based on organic residues. Full estimations on how the use of organic fertilisers compare to mineral fertilisers in terms of global warming potential is mostly lacking. We invite papers dealing with all aspects of both treatment options and application and use of organic residues as fertilisers and soil amenders/growth substrates.

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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