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Agricultural Practices in GHG Mitigation

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submissions:

closed (31 December 2021)

Message from the Guest Editor

Dear Colleagues,

I am pleased to invite you to send a manuscript to a Special Issue of the journal *Energies* entitled “Agricultural Practices in GHG Mitigation”.

Agricultural practices used in a crop production system can highly influence soil physical, chemical, and biological properties. Different tillage methods and the rate and type of the applied soil amendment materials (fertilizers, biochar, etc.) or pesticides have an effect on the soil, water, and heat regime, soil carbon content, and soil microbial community. Anthropogenic activity and its influence on soil surface are an important but uncertain component in GHG circulation processes and are in the spotlight from a scientific standpoint regarding climate change. Agriculture is one of the main sources of GHGs, and despite the huge amount of research, there are still uncertainties around GHG mitigation possibilities. Thus, there is a growing need to use “good agricultural practices” to maintain soil health on arable land, to ensure food quality and crop yields, and to mitigate GHG emission.

For this Special Issue, we welcome original research papers, short communications, and review articles.



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Special Issue



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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