



Sustainable Assessment of Agro-Environmental Impacts

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Deadline for manuscript
submissions:

28 February 2022

Message from the Guest Editors

The agro-environment is usually maintained through the production of food on cropland, which is a very important factor decreasing organic and inorganic sources of macro- and micronutrients for crop growth in agro-ecosystems. This agro-environmental impact is mainly related to agricultural supplies such as fertilizers, pesticides, irrigation water, and mulching vinyl, which affect crop growth, water and soil contamination, and greenhouse gas emissions (and thus climate change). The issues of fine particulate matter and micro-plastic particles are also urgent research themes regarding the agricultural sector.

The assessment of the agricultural eco-system is critical for optimizing agricultural practices in rural areas. Relevant sustainable agricultural practices for reducing non-point pollutants and maintaining a healthy agricultural environment are related to the keywords below.





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