Special Issue

A Global Perspective in Soil Carbon Sequestration and Climate Change

Message from the Guest Editors

Soil is the second biggest carbon storage system on Earth after oceans, having a significant impact on global climate change. The soil texture and structure, the rainfall, the temperature, and the soil management practices influence the rate of soil organic carbon sequestration. Some of the strategies for boosting soil organic carbon pool are: sustainable grazing and fertilization management, no-till farming, cover crops, manuring and sludge application, effective water management and irrigation, and agroforestry practices. The development of a Calculation Tool for estimating carbon sequestration and emissions is a challenging task despite the relative previous experience. For this Special Issue, our aim is to collect papers (original research articles and review papers) to give insights about: a) how easy is to apply sustainable soil management practices addressing food security and sustainability of natural resources, and b) how possible is to employ suggested carbon calculation tools in decision making support systems at a national and international scale.

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Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant Impact Factor, and has a goal to become the best journal in land in the coming years.

Editor-in-Chief

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