

Special Issue

Climate-Smart Agriculture for a Changing World

Message from the Guest Editor

Agriculture is a major emitter of greenhouse gases and one of the human activities most affected by the effects of climate change. In this sense, climate-smart agriculture (CSA) has been put forward to synergistically achieve climate change adaptation, mitigation, and food security. Despite the notoriety that CSA has received in recent years, these practices have been adopted for decades and, certainly, there are plenty of mitigative and adaptive technologies for agriculture worldwide.

However, assessing the effectiveness of a management practice for climate change mitigation and adaptation in agricultural systems is a challenge. This Special Issue aims to report on the most recent studies that demonstrate how CSA contributes to ensuring food supply in a changing world. We welcome empirical, modeling, and review contributions, including, but not limited to, integrated landscape management, soil C and greenhouse gas assessments in agricultural systems, crop diversification, fertilizers with the controlled nutrient release, no-tillage, soil quality, organic amendments, and crop-livestock-forest integration.

Guest Editor

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Editor-in-Chief

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