



Rethinking Agriculture to Meet Food, Fiber and Energy Demands

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Message from the Guest Editor

In society's quest to feed an increasing population, sustain our economic growth, and meet energy and fiber demands, agriculture has intensified. To meet future demands sustainably, it is vital to use land and water efficiently and to improve environmental and ecological services of agricultural land while providing higher economic value for farmers despite the growing pressure of climate change.

The main objective of this Special Issue is to compile a multidisciplinary body of knowledge to advance our understanding to secure food, fiber, and energy current and future demands in an environmentally and ecologically sustainable way. Envisioned contributions include original research, review papers, communications, and notes that investigate relevant topics across diverse spatial (from soil microbes to plants, soil and the atmosphere; from local to global) and temporal (past, current, future; short- and long-term) scales. Studies with field, mesocosm and lab experiments are welcome, as well as modeling and technical-oriented papers.





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