



## Intelligent Agricultural Engineering Solutions in Environmental Protection

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### Message from the Guest Editor

In recent years, agriculture has faced a new challenge, namely biomass-based energy production. Meeting these requirements while maintaining the principles of sustainable development is only possible through the utilization of recent achievements in agricultural and biosystem engineering. Innovative solutions used in agricultural production focus on the rational management of natural resources based on energy and gas emissions balancing. Agriculture 4.0 plays an important role in sustainable management. Artificial intelligence technologies allow the maximization of production while also caring for the natural environment.

This Special Edition is dedicated to the impact of all the innovative agricultural engineering solutions on environmental protection and the reduction of gas emissions.

