



## Developing Integrated Crop-Livestock Systems with Resilience to Climate Change

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### Message from the Guest Editor

The key challenges for the agricultural sector in the next decades will be to adopt production systems inspired by the three pillars of sustainability, that can guarantee productivity and profitability under climate change conditions, respecting environmental and social issues. Integrated crop-livestock farming systems (ICLS) can represent an answer for many areas of the world, when driven by agro-ecological principles, with the objective of an environmentally sustainable intensification. Further researches are needed for a better definition of approaches and tools useful for the measurement of resources use efficiency, soil carbon sequestration, and greenhouse gas emission, and soil and water quality. The success of ICLS will depend largely on the possibility to apply agricultural and environmental policies that incentivize mixed crop-livestock farming, with an adequate knowledge support system, encouraging the development of farming technology and innovative management practices.





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