



CERNAS – Current Evolution and Research Novelty in Agricultural Sustainability

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Message from the Guest Editors

Climate changes pose overwhelming impacts on primary production and, consequently, on agricultural and animal farming.

The need to feed the growing world population poses many challenges. The need to reduce environmental impacts to a minimum, maintain healthy ecosystems, and improve soil microbiota are central to ensuring a promising future for coming generations. Livestock production under cover crop systems helps to alleviate compaction so that oxygen and water can sufficiently flow in the soil, adds organic matter, and helps hold soil in place, reducing crusting and protecting against erosion. The use of organic plant production practices allied to the control of substances used in agriculture also decisively contributes to alleviate the pressure on ecosystems.

Some of the goals of this new decade are to use enhanced sustainable productive methodologies, to improve the input/output ratios of primary production, to reduce the environmental impacts, and to rely on new innovative technologies.





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Message from the Editor-in-Chief

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