Special Issue

Cover Crops and Forage in Nutrient Cycling and Their Utilization in Integrated Crop–Livestock Systems

Message from the Guest Editors

Crop–livestock integration is an effective practice for improving crop yields and animal production efficiency. Crop–livestock integration comprises numerous technologies like no-tillage, cover crops, rotation. When evaluating the effects of water and nutrient availability in soil and biomass production in integrated systems during the development of crop plants and forages, studies have shown that the maintenance of optimal nutrient levels increases the yield of cover crops and forages and their quality and impacts crop sequence, decisive factors for increasing soil health, plant and animal production, and the stability of crop yield. Thus, the success of agricultural activities requires the adoption of more sustainable systems based on the rational use of resources, allowing for the reversal of soil degradation and increased productivity. This Special Issue invites contributions on topics including:

- Yield and quality of forage and cover crops in crop-livestock systems.
- Nutrient use efficiency in integrated systems.
- Drought stress impacts nutrient absorption and biomass production.
- Practices enhancing soil health and moisture in crop-livestock integration.

Guest Editors

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