



The Role of Livestock Manure in Sustainable Agricultural Land Management (Soil Health) in the Context of Climate Change

Guest Editors:

Dr. Ladislav Menšík

Division of Crop Management
Systems, Crop Research Institute,
Drnovská 507/73, Ruzyně, 161 06
Prague, Czech Republic

Dr. Lukáš Hlisenikovský

Department of Nutrition
Management, Division of Crop
Management Systems, Crop
Research Institute, Drnovská
507/73, Ruzyně, 161 06 Prague,
Czech Republic

Dr. Eva Kunzová

Department of Nutrition
Management, Division of Crop
Management Systems, Crop
Research Institute, Drnovská
507/73, Ruzyně, 161 06 Prague,
Czech Republic

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Message from the Guest Editors

Nowadays, agriculture, global food security, and animal nutrition are significantly affected and threatened by a wide range of variables, such as the lack of quality livestock manures, the overapplication of mineral nitrogen (while phosphorus and potassium are neglected), decreases in soil organic carbon, soil contamination, various tillage methods, soil erosion (wind, water, and chemical), and climate change (water deficiency). All of these variables significantly affect soil health, which is defined as the continued capacity of soil to serve as a vital living ecosystem sustaining plants, animals, and humans. Healthy soil can provide clean air and water, supporting diverse wildlife and beautiful landscapes. Maintaining and improving soil fertility, quality, and health is crucial for the overall sustainability of agriculture and ensuring food security. This involves stabilizing yields, reducing the negative environmental impacts of agriculture, and preserving soil quality and health amidst ongoing climate change.

In this Special Issue, we aim to gather papers that describe the latest findings and new prospects from comprehensive research focused on soil health.





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Editor-in-Chief

Prof. Dr. Peter Langridge

School of Agriculture, Food and
Wine, University of Adelaide,
Urrbrae, SA 5064, Australia

Message from the Editor-in-Chief

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Agronomy Editorial Office
MDPI, St. Alban-Anlage 66
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