

## Special Issue

# Multiple Soil Health Assessment Methods for Changing Agricultural Environment

### Message from the Guest Editors

Considering that not all of the challenges have been addressed by multiple literature reports pertinent to the current topics, there are still many concerns that need to be discussed. In this respect, a deeper understanding is of crucial importance regarding how to manipulate farming practice and the soil's physical (bulk density, water-holding capacity, soil aggregate stability), chemical (pH, organic carbon and nutrient status), and biological (microbial diversity and composition, soil enzymes, respiration, etc.) indicators, with the aim to build healthier ecosystems. This Special Issue focuses on the development and assessment of multiple methods which relate to the functional soil processes/practices used to evaluate soil health status. For this reason, we welcome highly interdisciplinary quality articles from different research fields including agriculture, biology, chemistry, physics, and engineering that focus on innovative methods and their interactions that lead to high yield performances.

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### Guest Editors

Dr. Cara Irina Gabriela

Prof. Dr. Gerard Jitareanu

Dr. Iuliana Motrescu

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### Deadline for manuscript submissions

15 November 2025



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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### Editor-in-Chief

Prof. Dr. Les Copeland

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