

Special Issue

Assessing Soil Erosion and Associated Nutrient Losses in Agrosystems

Message from the Guest Editor

Agricultural systems (agrosystems) play a crucial role in global food security and economic development. However, soil erosion and associated nutrient losses represent challenges in this context, with far-reaching consequences for soil quality, agricultural productivity, and the environment. Therefore, it is of great significance to conduct precise assessments of soil erosion and nutrient loss in agricultural systems. These help us understand the status of soil degradation and ensure the long-term productivity of the soil, thereby enabling adjustments to fertilization strategies, reducing costs and environmental pollution. Such assessments are also conducive to the formulation of land use policies to promote the green development of agriculture.

For this Special Issue, we welcome both original research and review articles that address the process mechanisms, nutrient migration mechanisms, monitoring technologies, environmental considerations, agronomic management strategies, and climate impacts associated with agricultural systems, including but not limited to in situ monitoring, nuclide tracing, erosion models, unmanned aerial vehicle remote sensing technology, and laser scanning.

Guest Editor

Dr. Hanqing Yu

Institute of Environment and Sustainable Development in Agriculture,
Chinese Academy of Agricultural Sciences (CAAS), Beijing, China

Deadline for manuscript submissions

31 December 2025



Agriculture

an Open Access Journal
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Impact Factor 3.6
CiteScore 6.3



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Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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