# Special Issue

# Soil Nitrogen Cycle: Environmental Threats and Pathways to Sustainable Agriculture

## Message from the Guest Editors

The availability of nitrogen in agricultural soils is a key limiting factor for crop productivity. Consequently, intensive agriculture has become heavily reliant on nitrogen-based fertilizers to maximize yields. Over recent decades, the use of these fertilizers has risen dramatically. However, not all of the applied nitrogen is absorbed by crops, and a significant portion is lost to the environment as reactive nitrogen. This loss has profound environmental consequences, affecting both human health and ecosystem integrity. This Special Issue aims to highlight strategies that guide agriculture toward sustainability while maintaining adequate production levels and reducing the release of reactive nitrogen into the environment. This Special Issue, entitled 'Soil Nitrogen Cycle: Environmental Threats and Pathways to Sustainable Agriculture', welcomes a broad range of methodologies, from field studies to controlled experiments, and invites submissions in all article formats, including original research, reviews, and opinion pieces.

## Guest Editors

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## Deadline for manuscript submissions

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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

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