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Nitrogen Management and Water-Nitrogen Interactions in Agriculture

Guest Editor:

Dr. José Salvador Rubio-Asensio

Department of Stress and Plant Pathology, Spanish National Research Council, Murcia, Spain

Deadline for manuscript submissions:

closed (31 May 2024)

Message from the Guest Editor

Dear Colleagues,

Water and nitrogen are probably the main external resources that most contribute to crop development and yield and whose best use defines the profitability and sustainability of many irrigated agricultural systems. In irrigated agriculture, nitrogen fertilizer management practices, i.e., the forms used, the time and place of application, as well as the amounts applied, are greatly influenced by the irrigation management practices, i.e., type of irrigation, irrigation design, irrigation frequency and irrigation rates. In this Special Issue of the journal *Nitrogen*, we want to highlight the relevance of the joint management of water and nitrogen, how both factors can affect each other, and how necessary it is to integrate or consider both factors to discuss the sustainability of the agricultural system. Therefore, all those works that integrate both practices (irrigation and fertilization) for greater efficiency in the use of water and/or nitrogen will be welcome.



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Special issue



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Editor-in-Chief

Prof. Dr. Stephen Macko

Department of Environmental
Sciences, University of Virginia,
Charlottesville, VA 22903, USA

Message from the Editor-in-Chief

Nitrogen, the element that is intimately associated with essentially all processes on Earth, is the broad focus of a new online, open access journal. The intention of this publication is to offer a venue for research papers, reviews, short notes, and communications that have as a nexus this critical element.

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Contact Us

Nitrogen Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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