



Sustainable Planning and Management of Water Resources in Agriculture

Guest Editor:

Dr. Ioannis Panagopoulos

Department of Hydraulics, Soil Science and Agricultural Engineering, School of Agriculture, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

Deadline for manuscript submissions:

closed (30 September 2021)

Message from the Guest Editor

Hydrologic extremes and water scarcity enhanced by a changing climate, water pollution, and bad practices in the agricultural sector can all affect the status of surface and groundwater resources and disturb the ecosystem functions and services delivered to societies. This Special Issue is envisioned to showcase the state-of-the-art in managing agricultural water resources at smaller (water body) to larger scales (river basins), demonstrating the design and operation planning of water projects and/or programs of measures that also address aspects of water resources management, such as biodiversity conservation and socio-economic stability. For example, of particular interest is the demonstration of nature-based solutions in agriculture, including or not construction works that can retain water and enhance the natural attenuation of pollution or flooding, and at the same time deliver one or more indirect benefits, such as amenity and recreational opportunities, micro-climate enhancement, sheltering for biodiversity etc. Studies are encouraged to present the governance and financial mechanisms that ensure the sustainability of water management.





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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