

Special Issue

Selected Papers from 38th National Irrigation Congress

Message from the Guest Editors

Population growth, urbanization, climate change and environmental degradation are placing unprecedented pressure on water resources, with a particular impact on irrigated agriculture. Resolving the challenges of the future requires a thorough reconsideration of how water is managed for agricultural supply and crop irrigation. This question is annually addressed in the Spanish National Irrigation Congress series, which brings together Spanish and Latin American researchers and technicians to present and discuss innovations, trends, and solutions for irrigation agronomy and engineering. In this Special Issue, selected papers from the 38th edition of the congress will be considered for publication on the main topics, including: irrigation strategies, methods and technologies; modeling and simulation tools; water–soil–plant–atmosphere relationships; salinity and drainage; environmental impacts; reclaimed and desalinated water for irrigation; effects of irrigation water quality on the soil, crops and aquifers; irrigation infrastructure; water–energy nexus; economic viability assessment.

Guest Editors

Prof. Dr. Victoriano Martínez-Alvarez

Dr. Belen Gallego-Elvira

Dr. Martín Eduardo Espósito

Deadline for manuscript submissions

closed (1 June 2022)



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Editor-in-Chief

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