

## Special Issue

# Digital Transformation in Information Systems

### Message from the Guest Editors

Digital transformation revolutionizes information systems. This Special Issue seeks to advance the understanding of digitalization's technologies, strategies, and impacts, featuring original research, case studies, and conceptual frameworks that explore digital transformation's opportunities and challenges. Contributions addressing AI, cloud computing, blockchain, digital strategy, and ethical considerations are highly encouraged.

Digital transformation in information systems (IS) continuously evolves, driven by technological advancements, strategic implementations, and societal impacts. This Special Issue highlights how digitalization reshapes organizations, industries, and public institutions, fostering new value-creation models, enhancing decision-making, and improving operational efficiency.

This Special Issue welcomes research contributions that analyze, design, implement, and evaluate digital transformation initiatives in various sectors, including business, government, healthcare, education, and tourism. We invite theoretical, empirical, and case-study-based submissions covering emerging technologies, frameworks, methodologies, and best practices in IS.

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### Guest Editors

Prof. Dr. Elisabete Paulo Morais

Prof. Dr. Agostinho de Sousa Pinto

Prof. Dr. Carlos Fernando de Almeida Grilo

Dr. Maria João Ferreira

Dr. Juan C. Infante-Moro

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### Deadline for manuscript submissions

30 May 2026



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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