Special Issue

Sustainability in Construction: Techniques, Management and Life Cycle

Message from the Guest Editors

This Special Issue will invite the best papers presented at the International Conference on Sustainable Construction and Demolition (SCD) (https://scd.congresos.upv.es/), aiming to bring together international institutions, researchers, professionals, and students to exchange their knowledge and experiences. Contributions will be related to sustainability in the construction industry during the entire lifecycle process: from project design to the demolition, reuse and recycling of waste, in the context of the global environment and a circular economy. This international challenge is key to promoting the ecological use of materials, the rational use of energy with renewable systems and energy-efficient buildings, the dismantling and recycling processes, and the management of waste generated in all these activities. For scholars interested to submit papers to the Special Issue, please click "Submit to Special Issue" or contact Astoria Yao: astoria.yao@mdpi.com.

Guest Editors

Prof. Dr. Javier Cárcel-Carrasco

Prof. Dr. Aurora Martínez-Corral

Prof. Dr. Luis Palmero-Iglesias

Deadline for manuscript submissions

closed (15 September 2023)

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About the Journal

Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

Editor-in-Chief

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