



buildings

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The Impact of Organizational and Individual Factors on Construction Safety

Guest Editor:

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Deadline for manuscript submissions:

closed (31 December 2023)

Message from the Guest Editor

The goal of this Special Issue is to publish a collection of articles that focus includes the following:

First, a detailed introductory paper that references existing research and other published literature to document how Organizational resilience (OR) and individual resilience (IR) can advance construction safety research.

Second, manuscripts on how OR and IR affect construction safety performance at an organizational level and (or) individual level from different countries and regions, given the fact that safety problems are location based.

Third, how OR and IR interact with other organizational factors, such as safety climate, and individual factors, such as workplace conflicts, and how these factors, taken together, affect construction overall safety performance.

Last but not least, there are other similar and related concepts, such as high reliability organization and psychological capital. Manuscripts describing research on the impact of these concepts on construction safety are also welcome.

For scholars interested to submit papers to the Special Issue, please click “Submit to Special Issue” or contact Astoria Yao: astoria.yao@mdpi.com.



mdpi.com/si/108480

Special Issue

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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.

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