



Resilience Engineering for Sustainability: Methodological Approaches and Practical Experience

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Message from the Guest Editors

Dear colleagues,

The concept of resilience is becoming increasingly recurrent among scholars and practitioners, but depending on the domain being investigated, its definition can be very different. In the domain of safety, Hollnagel has stated that “[...] The essence of resilience is therefore the intrinsic ability of an organisation (system) to maintain or regain a dynamically stable state, which allows it to continue operations after a major mishap and/or in the presence of a continuous stress” (Hollnagel, 2006). Since this definition is somehow compatible with the ones used in research on sustainability and ecology, this Special Issue aims to explicitly address the theoretical and operational connections (as well as differences) between the two concepts (i.e., sustainability and resilience). It is also suggested that techniques, methods, and models developed in the context of resilience engineering can constitute the basis for supporting sustainable development in a variety of domains (e.g., economy, construction, transportation systems, industrial plants, urban environment, etc.).

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Message from the Editor-in-Chief

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