



Reliability Techniques in Engineering Projects

Guest Editor:

Prof. Dr. Justo García Sanz-Calcedo

Department of Engineering
Projects, University of
Extremadura, 06006 Badajoz,
Spain

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editor

Dear Colleagues,

High-quality engineering projects require planning for reliability from the earliest stages of system design. The use of probabilistic design for reliability allows the comparison of a component's strength against the stress that it will encounter in various environments. Failures link hierarchically in terms of the system architecture, and in turn, a failure mode may cause failures in a higher-level subsystem or may be the result of a failure in a lower-level component.

This Special Issue includes new research and the latest technologies related to reliability techniques in engineering projects. We hope that this Special Issue will present the research and knowledge required to improve the overall efficiency of engineering projects and help to minimize design failures.

Prof. Justo García Sanz-Calcedo

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)