

Special Issue

Research on Aviation Safety

Message from the Guest Editors

The technological processes and regulatory transformations that occurred in recent decades transformed aviation in the safest way of transportation. Today, with organizational and human threats, it is important to develop innovative approaches, methodologies, and frameworks to adapt to these new challenges. The aviation ecosystem is still adapting to the currently available technologies, and a new technological transformation is again on the verge, with actions needing to be taken to minimize the impact of these in aviation safety. The main causes of today's aviation safety hazards are human and organizational errors. New and enhanced models, using current and emergent technologies, can help to diminish the possibilities of errors. In this Special Issue, we invite submissions that can help and contribute to overhaul aviation safety. Both theoretical and experimental frameworks are suitable, as well comprehensive review and survey papers.

Guest Editors

Dr. Luís Santos
Dr. André Silva
Dr. Rui Melicio

Deadline for manuscript submissions

closed (31 December 2024)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/143570

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/

[applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)