

Special Issue

AI in Disaster, Crisis, and Emergency Management

Message from the Guest Editors

This Special Issue welcomes original research papers and review articles on, but not limited to, the following topics:

- AI-powered safety, security, disaster, crisis and emergency events analysis, including historical and big data analysis;
- AI-enabled climate extreme events, disaster risk assessment and early warning systems;
- AI-enabled public health emergency management including COVID-19;
- AI-based emergency response planning and decision making;
- AI-assisted real-time situational awareness and monitoring;
- AI-driven resource allocation and optimization in emergency management;
- AI-powered prediction and mitigation of disasters and their impact;
- AI-supported public communication and social media analysis during emergencies;
- AI-augmented human-robot collaboration in emergency response;
- AI-powered autonomous systems for search and rescue operations;
- AI-enhanced post-disaster assessment and recovery planning;
- AI-enabled disaster and business continuity management including education continuity operations;

Guest Editors

Dr. Faheim Sufi

School of Public Health and Preventive Medicine, Monash University, Melbourne, VIC 3004, Australia

Dr. Alam Edris

Rabdan Academy, Abu Dhabi, United Arab Emirates

Deadline for manuscript submissions

closed (15 July 2024)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/167076

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

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





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



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



About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.8 days after
submission; acceptance to publication is undertaken in 2.4
days (median values for papers published in this journal in
the first half of 2025).