

Special Issue

New Technology for Road Surface Detection, 2nd Edition

Message from the Guest Editors

In this Special Issue, we aim to explore, discuss, and highlight the emerging technologies revolutionizing the field of road infrastructure detection. This Special Issue offers an interdisciplinary platform for researchers, engineers, technologists, and policymakers to share the latest advancements, methodologies, and applications in road infrastructure detection technology. Our focus revolves around innovative techniques that improve the efficiency, accuracy, and comprehensiveness of road infrastructure analysis. This includes, but is not limited to, ground-penetrating radar technology, video imaging technology, satellite remote sensing technology, lidar technology, fiber optic sensing technology, drone-based detection technology, and applications of artificial intelligence, such as deep learning.

Guest Editors

Dr. Difei Wu

Prof. Dr. Hongduo Zhao

Dr. Yishun Li

Deadline for manuscript submissions

30 January 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/247005

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

mdpi.com/journal/

appls





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, CAPlus / SciFinder, and other databases.

Journal Rank:

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