

Special Issue

Applications in Computer Vision and Image Processing

Message from the Guest Editors

In recent years, the fields of computer vision and image processing have undergone transformative developments, fueled by advancements in machine learning, deep learning architectures, and computational power. This Special Issue, titled "Applications in Computer Vision and Image Processing", aims to explore the dynamic landscape of these fields, showcasing breakthrough research and innovative applications. We invite contributions that highlight novel methodologies, algorithms, and real-world applications that push the boundaries of what is achievable in analyzing, understanding, and visualizing image data. Papers focusing on areas such as object detection and recognition, image enhancement, 3D reconstruction, medical image analysis, and augmented reality are particularly welcome. Keywords:

- target detection, recognition, and tracking
- big data and computer vision
- deep learning in computer vision
- image restoration or image inpainting
- text detection and recognition
- human-computer interaction
- pattern recognition and analysis
- image segmentation
- 3D reconstruction
- visual SLAM

Guest Editors

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Deadline for manuscript submissions

closed (30 October 2025)



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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

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