

## Special Issue

# Application of Artificial Intelligence in Image Processing

### Message from the Guest Editor

This Special Issue on "Application of Artificial Intelligence in Image Processing" invites submissions that delve into the latest research and development regarding the application of AI to image processing. We welcome contributions that cover a wide range of topics, including (but not limited to) the following:

- Utilizing AI for image recognition and classification;
- Deep learning applications in medical imaging and diagnostics;
- AI-driven techniques for object detection and segmentation in images;
- Computer vision systems for security and surveillance;
- AI in the enhancement and restoration of digital media;
- Ethical considerations and challenges in AI-driven image processing;
- Integration of AI with Internet of Things (IoT) for real-time image analysis;
- Applications of AI in autonomous vehicle imaging systems;
- AI and the future of image forensics and authentication;
- Case studies in AI application for environmental monitoring and agriculture;
- Exploring the role of AI in creative industries for image generation;
- Sustainable AI practices in image processing;
- Customer experience enhancement through AI-powered image personalization.

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### Guest Editor

Dr. Qian Jiang  
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### Deadline for manuscript submissions

closed (20 November 2025)



## Applied Sciences

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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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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