



Special Issue on
Digital Image Processing and Intelligent Analysis
Call for Papers

Digital Image Processing and Intelligent Analysis is an interdisciplinary academic field that focuses on the acquisition, enhancement, interpretation and understanding of digital images using computational and artificial intelligence techniques. It integrates image processing, computer vision, machine learning and pattern recognition to extract meaningful information from visual data. The field supports applications in healthcare, remote sensing, autonomous systems, industrial inspection, security surveillance and multimedia technologies, enabling intelligent decision-making and automation.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Digital Image Processing and Intelligent Analysis**. Potential topics include, but are not limited to:

- Image enhancement and restoration
- Image segmentation and semantic/instance parsing
- Image compression, coding and efficient representation
- Object detection, tracking and re-identification
- Generative image synthesis, inpainting and editing
- Multimodal and cross-modal image analysis
- Computer vision and scene understanding
- Pattern recognition and feature extraction
- Deep learning for image analysis
- 3D reconstruction, depth estimation and point cloud analysis
- Medical image processing and analysis
- Remote sensing and satellite image analysis
- Intelligent video processing and analytics
- Image generation and visual content synthesis
- Edge AI and embedded vision systems

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – *Digital Image Processing and Intelligent Analysis***” should be chosen during your submission.

According to the following timetable:

Submission Deadline	October 28th, 2026
Publication Date	December 2026

For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

JSIP Editorial Office