

Special Issue

Image/Video Restoration Based on Deep Learning and Its Application in Sensing

Message from the Guest Editors

Image/video restoration, including super resolution, denoising, deblurring and dehazing, aims to recover high-quality outputs from low-quality observations, thus obtaining better visual effects and benefiting subsequent analysis. Therefore, it has been a focus of image/video processing and numerous approaches have been developed. In particular, deep learning-based models have significantly improved restoration performance in recent years. The goal of this Special Issue is to present recent advances in deep learning-based image/video restoration techniques and their applications in sensing. Authors are welcome to submit research papers, as well as literature reviews, related to image/video restoration, including but not limited to super resolution, denoising, deblurring, compression artifact reduction, deraining, dehazing, restoration-assisted object detection and segmentation, etc.

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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