

## Special Issue

# Vision Generation and Recognition in Complex Environments

### Message from the Guest Editors

This Special Issue focuses on the application of vision generation and recognition techniques in numerous research domains—both hot topics in computer vision. In particular, it is devoted to vision generation studies involving concepts such as diffusion models and GANs. We are interested in technique promotions in recognition tasks including face recognition, person re-identification, object detection, and recognition. We are also interested in discussions of vision generation and recognition methodologies in complex environments employing multi-source and heterogeneous sensing systems. Large-scale pre-trained models will address challenging vision tasks. Both theoretical and experimental studies are welcome, as are comprehensive review and survey papers.

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### Guest Editors

Dr. Zhanxiang Feng  
Dr. Quan Zhang  
Dr. Lingxiao Yang

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### Deadline for manuscript submissions

closed (31 March 2026)



## 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

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