



Emerging Applications of Image Retrieval and Recognition Technology in Smart Cities

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Message from the Guest Editors

The emerging applications of image retrieval and recognition technology (IRRT) in smart cities include smart healthcare, smart energy, smart transportation, smart environment, smart safety and smart education. In smart healthcare, IRRT could help to identify a given case based on similar past cases found in the image archive. In smart transportation, IRRT could help to recognize traffic patterns by investigating image sequences acquired in real time. In smart education, IRRT could help to make new discoveries using high-quality digital images taken from different research fields.

This Special Issue will focus on (but will not be limited to) the following topics:

- Image datasets for the emerging applications in smart cities;
- Effective features for image retrieval and recognition;
- Content-based image retrieval methods;
- Object recognition methods;
- Image-sensing devices and methods;
- Challenges of IRRT in smart cities;
- More emerging applications of IRRT in smart cities;
- Image-processing techniques that have the potential to be used in IRRT.





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Message from the Editor-in-Chief

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