Advances in Computer Vision and Semantic Segmentation

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Deadline for manuscript submissions:
closed (10 January 2024)

Message from the Guest Editors

This Special Issue welcomes research works in semantic segmentation (and its broader areas, including instance and panoptic segmentation) and advanced computer vision applications relating to semantic segmentation. It covers possible research and application areas, including multimodal segmentation (e.g., referring image segmentation), salient object detection and segmentation, 3D (point cloud, meshes) semantic segmentation, video semantic segmentation, and many others. Papers focusing on new data (e.g., hyper-spectral data, MRI CT, point cloud, meshes) and new deep architectures, techniques, and learning strategies (e.g., weakly supervised/unsupervised semantic segmentation, zero/few-shot learning, domain adaptation, real-time processing, contextual information, transfer learning, reinforcement learning, and the critical issue of acquiring training data) are all welcome.

Special Issue

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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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