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Advances in Object and Activity Detection in Remote Sensing Imagery

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Deadline for manuscript submissions:

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Message from the Guest Editors

The widespread availability of drone and satellite imaging data has considerably enhanced air and space-borne monitoring of objects and their activities. Remote monitoring is crucial in various applications areas such as surveillance; border control, et al. These applications involve automated object and activity recognition.

The recent revolution in deep learning has enabled considerable development in the fields of object and activity detection. Visual object detection tries to find objects of target classes with precise localisation in an image and assign each object instance a corresponding class label. Activity recognition aims to determine the actions or activities of an agent or group of agents based on sensor or video observation data. This Special Issue welcomes papers that explore novel and challenging topics for object and activity detection in remote sensing images/videos acquired with diverse platforms. We want to invite you to submit articles on object and activity detection in remote sensing imagery. We look forward to receiving your submissions which will be carefully reviewed within a much shorter turnaround time than most current journals in this domain.



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