



Remote Sensing Image Processing

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Deadline for manuscript
submissions:
closed (31 October 2022)

Message from the Guest Editors

Despite the ever-increasing performance of modern acquisition equipment and algorithms for processing raw remote sensing data, there are still some glitches and problems to deal with in the image data domain.

In particular, atmospheric effects can be a difficult problem due to their variability and nonuniformity, even in different parts of a given image. Other image-quality issues are related to image resolution depending on the level of detail of the acquired scene: in particular, super-resolution and data fusion are still open problems.

The applications of remote-sensing imagery in the fields of environmental characterization, land consumption, and disaster management are extremely important and have a high potential for further development.

The proposed Special Issue is dedicated to providing an up-to-date panorama of recent advances in these fields, taking into account the computational and energy consumption requirements of the proposed solutions. In this way, the reader will establish a link between the methods, the processing techniques, and the corresponding application domain.





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Message from the Editor-in-Chief

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