



## Soft Computing for Edge Detection

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Deadline for manuscript  
submissions:

**closed (31 May 2019)**

### Message from the Guest Editor

Dear Colleagues,

Soft computing and image processing have been long associated, especially since the golden age of image processing in 1980s. In the past years, there has been a continuous production of research efforts, which have been mainly characterized as the application of techniques from soft computing to problems in image processing. However, that is not the only possible case, since other authors have elaborated on fuzzy models for image representation, or even on the fuzzy reformulation of already-existing problems in image processing.

This Special Issue attempts to capture the state-of-the-art of edge detection, as tackled from the perspective of soft computing. This Special Issue is open to considering any approach which, at any stage of an image processing pipeline, attempts to improve the result of an edge detection procedure. It is also open to applications of soft computing procedures that, if not conducive to edge detection themselves, play a clear role in the evolution of the field, examples being edge image evaluation/comparison or edge image fusion.

Dr. Carlos Lopez-Molina

*Guest Editor*





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## Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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