Special Issue

Forest Management with Images Captured with Fish-Eye Lenses

Message from the Guest Editor

To deal with the assessment of variables required for forest management and inventory, several approaches related to remote and proximal sensing techniques have been proposed. In the last decade, approaches based on terrestrial photogrammetry have also started to be developed for this purpose as an alternative to airborne laser scanning, including the use of fish-eye lenses which obtain hemispherical images. The emphasis of this Special Issue is placed on the fish-eye sensors oriented toward specific image processing and computer vision applications for forest management. The following is a list of the main topics covered by this Special Issue. The issue will, however, not be limited to these topics:

- Image acquisition devices and systems in forest environments;
- Image processing techniques: color, segmentation, texture analysis, and image fusion;
- Computing vision-based approaches: pattern recognition, 3D scene reconstruction;
- Stereo photogrammetry for forest inventory purposes;
- *etc*

Guest Editor

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About the Journal

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.

Editor-in-Chief

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