

Terrestrial Laser Scan Application in Urban Planning

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SUMMARY

Terrestrial Laser Scan technology was highly developed in the last decade and the application of this technology has been used in different sectors.

The aim of this paper is to focus on the strength and weakness of Terrestrial Laser Scan technology especially in the urban planning field. The advantage of such tools based on real application will be presented in addition to data acquisition, processing and visualization.

The presentation of the project “Scanning a Road” will give life application too and demonstrate as well the limit of such technology in urban planning applications.

The paper will discuss if Terrestrial Laser scan is developed already so far that it can be applied successfully in Urban planning.

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