

The Effects of Simulation Techniques Used in Visual Quality Analysis on the Participants

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Aim of the study: Visual evaluation studies are based on evaluating the visual characteristics, fictions of a space or an object perceptually in the context of functional relationships (with all sense organs, especially eye). Photographs are often used in studies conducted on the basis of visual quality assessment criteria. These photographs are presented for the evaluation of the subjects by improving them with simulation techniques (depending on the visual quality evaluation criteria).

Material and Methods: In this study; the sample images generated by the simulation technique are divided into three groups in terms of quality. Simple simulated images were used in the first group, moderately simulated images in the second group, and images simulated at the good level (close to the real image) in the third group. Obtained images were evaluated by questionnaire.

Results: According to the results of the evaluation, the visual quality value of the space or object is emerging. However, the extent to which the resulting values reflect the objective results depends on the quality of the simulation. As a result, the importance of the quality of the simulation has been emphasized.

Keywords: Scenic quality, simulation techniques, photomontage.