

Evaluation of the managers and tourists viewpoints regarding the illumination on the urban parks

Afshin Danekar

Tehran University

afdanehkar@gmail.com

The light is important because of its usage for illumination. In many places the application of the light is entirely present, like public parks where the light is used for several purpose such as illuminate, inform, ensure spiritual and physical tranquility and increasing the beauty of the environment. To provide the illumination of the landscape, it is necessary to consider both visitors and plants. In the parks regarding the tourists, their needs to be informed, enjoy spiritual tranquility and the beauty of the environment, must be satisfied. On the other hand the plants by absorbing the light diffusion help to reduce the light pollution, acting as natural filter, that in some cases is positive and in others negative for the people. As we reported the plants are effective to combat the light pollution, but the limitation and reduction of the green spaces caused problems in this regard. This study focused on the needs and viewpoints of the managers and tourists in the green urban spaces in relation with the lighting and illumination issues. During the study ten important urban parks have been chosen as case study in the city of Karaj collecting and studying what both managers and tourists think and pretend, especially regarding the light during the night. In cases where questionnaires were completed, the light lux quantity and quality were also considered and measured. The result of this study has shown that the managers are aware of the needs and the process that they complete, in order to satisfy the visitors' and users' needs for the illumination. Generally the tourists were satisfied by the works done, because the lighting standards were mostly respected.