

Special Issue

Smart Urban Lighting Systems

Message from the Guest Editors

The cost of energy for public lighting often represents the primary element in the expenditures of local Public Administrations (PA). Furthermore, attention is increasingly focused on the quality of lighting, both concerning visual comfort and considering the light as an instrument to improve the environment and objects therein (including buildings). The installation of efficient lighting systems coupled with the implementation of ICT solutions can provide economic, social, and health benefits, energy efficiency, and visual comfort. On the other hand, as for indoor lighting, these systems can be expensive, not easy to maintain, and not so efficient as expected. Hence, more research should be done to investigate the problems and advantages of Smart Urban Lighting Systems in more detail.

For these reasons, studies about the design and operation of multifunctional infrastructures for public lighting as well as their impact on the urban environment and citizens' life are worth of interest and will be welcome in this Special Issue.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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