

Special Issue

Evaluation of the Environmental Impact of Road Construction and Maintenance Activities

Message from the Guest Editor

The current crisis due to the COVID-19 pandemic has affected different business practices around the world and will impact on future approaches to transport infrastructure. The experience to date reveals that users are changing. In cities and urban environments, a reduction in traveled distances and a modal shift to private light transportation mode have been observed. Under such conditions, road managers should modify their approach to both the construction and maintenance of roads. The effects have a range of impacts: they will probably reduce construction activities and encourage maintenance and rehabilitation works; these initiatives will promote environmental responsibility and encourage the development and diffusion of environmentally friendly technologies and policies in order to reduce their environmental impacts. These positions stimulate both industrial competition in seeking technologies ensuring environmentally friendly solutions and political initiatives to promote effective and real results: the evaluation of burdens using quantitative methodologies permits comparisons of equivalent materials/products/procedures and identification of those with less impact.

Guest Editor

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