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Cognitive Aspects of Sustainable Mobility

Guest Editor:

Prof. Dr. Máté Zöldy
Innovative Vehicle Technology Competence Center, Budapest University of Technology and Budapest, H-1111 Budapest, Hungary

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Message from the Guest Editor

Dear Colleagues,

Sustainable mobility is the key to our future. It can be achieved at many levels: by improving vehicle components, vehicles, the whole transport system and even the systems that border it. We can model and simulate vehicles' practicality and work on new solutions for micro-mobility. These offer new opportunities to choose the form of mobility that is one of the keys to truly sustainable mobility. Increasing efficiency at the transport system level is also a current challenge—not only on the roads, but also on the ground, on water, in the air and on fixed tracks. Minimizing the mobility needed for human activity is an issue that can be significantly influenced, even from an urbanistic and architectural point of view. With the help of informatics and cognitive sciences, more and more data are being collected during development and use, which helps research and supports human and engineered decision-making for green mobility. A combination of the two will create cognitive mobility, enabling improvements in the system-wide sustainability of transport. One of the best tools for this is life-cycle analysis, which can compare alternatives from well to wheel.

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Editor-in-Chief

Prof. Dr. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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