



Sustainable and Safe Roundabouts

Guest Editors:

Prof. Dr. Rosolino Vaiana

Department of Civil Engineering,
University of Calabria, Arcavacata
Campus, 87036 Rende, Italy

Dr. Vincenzo Galleli

Department of Civil Engineering,
University of Calabria, Arcavacata
Campus, 87036 Rende, Italy

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Message from the Guest Editors

Road design, with particular reference to intersections regulated with a roundabout scheme, has undergone a profound conceptual evolution in the last 50 years. Fortunately, this evolution has always been associated with the production of a large number of studies and research useful for decoding and improving the performance, safety, and sustainability of roundabout junctions. Nevertheless, there are still topics worth investigating, such as the safety of vulnerable road users, the potential conflicts in roundabouts when using surrogate safety measures, the use of microsimulation tools to evaluate the improvement in various intersection solutions in terms of performance and safety, and the environmental benefits of new schemes for roundabouts. Therefore, we welcome papers that address, but are not limited to, the following research topics about sustainable and safe roundabouts:

- roundabouts;
- traffic safety;
- sustainable road transport;
- traffic flow modeling;
- roundabout capacity;
- traffic simulation;
- roundabouts design;
- fuel consumption and emissions;
- surrogate safety measures;
- safety of vulnerable road users.





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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
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