

## Special Issue

# Risk Assessment in Traffic and Transportation

### Message from the Guest Editors

The consequences of road accidents and/or of fires in tunnels might be very severe in terms of: (i) fatalities and injuries; (ii) damage to vehicles and structures; (iii) impact on the traffic flow and its disturbance for the transportation of goods; and (iv) their effect on transport economy. As a result, there is a need to provide a greater in-depth scientific knowledge for a sustainable road development, since mobility demand is expected to increase significantly in the coming years. In this respect, risk analysis is an important tool that can be helpful in improving and/or optimizing the safety level of traffic and transportation of goods. This Special Issue calls for papers with innovative contributions that provide results of emerging research, and future directions of knowledge in the context of risk assessment of the road environment. Potential topics include but are not limited to engineering measures for road safety, advanced traffic control systems, new standards for road design, innovative equipment for the safeguarding of users, and transport of dangerous goods. The aforementioned topics need to be focused on open roads and/or tunnels.

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### Guest Editors

Prof. Dr. Ciro Caliendo

Dr. Paola Russo

Dr. Vittorio Astarita

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### Deadline for manuscript submissions

closed (28 February 2022)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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