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Advances in Railway Infrastructure Engineering

Guest Editors:

Prof. Dr. Borna Abramović

Department of Railway
Transport, University of Zagreb,
P-1, Facility 70, ZUK Borongaj,
Zagreb, Croatia

Dr. Piotr Gorzelańczyk

Head of Department of
Transportation, Stanisław Staszic
State University of Applied
Sciences in Piła, 64920 Piła,
Poland

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Message from the Guest Editors

Dear Colleagues,

One of the most complex aspects of the railway system is infrastructure. Infrastructure is fixed equipment that is necessary for running the trains. Very often, some parts of the infrastructure are more than 100 years old but are still able to run the trains. Scholars, therefore, should address the question of whether it is both safe and economical to continue to use these old parts.

Very often, railway lines are overhauled, but after a few years the necessary maintenance ceases, and as a result the speed of the train lines is reduced. This therefore leads to a second question for scholars: “What are the feasible models for maintaining railway lines at their original standards?”.

For future decarbonization, we need now to take a step in the right direction. We call for research on all kinds of aspects of railway infrastructure and new sustainable infrastructure for railway systems.

Prof. Dr. Borna Abramović
Dr. Piotr Gorzelańczyk
Guest Editors



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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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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Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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