

Special Issue

Rail Infrastructures

Message from the Guest Editors

Railway Transport infrastructures are one of the most important factors for a country's progress, and is considered as the "lifeline" of a nation, and is proven as a key element for adding speed and efficiency to a country's progress. Railways are currently experiencing higher demands on infrastructure performance, capacity and service quality. As a result, higher level of resilience against failure, robustness and availability at reduced cost are expected, to meet the planned capacity utilization and safety criteria. The aim of this special issue is to publish state-of-the-art research papers focused on the topics associated with data quality, fault diagnosis, prognosis and health management, as well as Life cycle assessment, maintenance planning and scheduling of railway track system. Analytical models, empirical studies, and case studies are all welcomed as long as an article provides new insights and implications to the field of Railway track life cycle and health management.

Guest Editors

Prof. Dr. Alireza Ahmadi

Luleå tekniska Universitet, Lulea, Sweden

Dr. Iman Soleimanmeigouni

Luleå tekniska Universitet, Lulea, Sweden

Prof. Dr. Francesco Flammini

1.School of Innovation, Design and Engineering, Division of Product Realisation, Mälardalen University, Västerås, Sweeden

2.Dalle Molle Institute for Artificial Intelligence, University of Applied Sciences and Arts of Southern Switzerland, 6928 Manno, Switzerland

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Infrastructures
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
infrastructures@mdpi.com

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Editor-in-Chief

Dr. Pedro Arias-Sánchez

Applied Geotechnologies Group, Department of Natural Resources and Environmental Engineering, School of Mining Engineering, University of Vigo, 36310 Vigo, Spain

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