Application of Artificial Intelligence to Model the Behavior of Infrastructure

Guest Editors:

Dr. Ali Behnood

Dr. Emadaldin Mohammadi Golafshani

Dr. Siamak Talatahari

Dr. Amir H. Alavi

Deadline for manuscript submissions:
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Message from the Guest Editors

This Special Issue focuses on the latest research findings in the area of the applications of AI to model the behavior of infrastructures. Various original and novel research topics will be considered, including but not limited to:

- Leveraging AI to automatically process the data obtained through destructive experiments and non-destructive evaluation;
- Application of AI for health monitoring of infrastructures;
- The use of AI-based techniques for maintenance and rehabilitation purposes;
- Applications of AI to monitor the performance of infrastructures;
- Hybrid models to develop solutions for multiobjective problems of infrastructures;
- Serving AI-based methods for the inspection of infrastructures;
- Employing metaheuristic optimization algorithms for optimizing the design, maintenance, rehabilitation, and strengthening strategies of infrastructures;
- The use of BIM and AI-based methods for the design, maintenance, rehabilitation, and strengthening of infrastructures.

Special Issue

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

Message from the Editor-in-Chief

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