

Special Issue

Artificial Intelligence in Infrastructure Geotechnics

Message from the Guest Editors

In this Special Issue, we solicit high-quality original research articles focused on how complex infrastructure geotechnics problems are being solved with the contribution of advanced artificial intelligent algorithms, whether in design or construction, covering the different infrastructure types (e.g., roads, railways, bridges, tunnels, water supply, sewers, electrical grids, telecommunications). Topics of interest include but are not limited to:

- Tunnels and deep excavations;
- Asset management;
- New construction materials and mixture design;
- Intelligent constructions;
- Materials behavior (rock, soil, cementitious mixtures);
- Site characterization;
- Soil improvement;
- Monitoring, surveillance, and field measurement methods;
- Virtual reality and augmented reality;
- Advanced design techniques.

Guest Editors

Dr. Joaquim Tinoco

Department of Civil Engineering, Advanced Production and Intelligent Systems (ARISE), Institute for Sustainability and Innovation in Structural Engineering (ISISE), University of Minho, 4800-058 Guimarães, Portugal

Dr. Pijush Samui

Department of Civil Engineering, NIT Patna, Bihar, Patna 800005, India

Deadline for manuscript submissions

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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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