Special Issue

Applications of Artificial Intelligence and Machine Learning in Geotechnical Engineering

Message from the Guest Editors

As geotechnical engineering deals with natural materials—i.e., soil and rock—data associated with these often exhibit significant variability. In recent years, artificial intelligence methods, such as artificial neural networks, genetic programming, and support vector machines, have become more mature and more readily available and, as a result, have seen increased application to a wide range of geotechnical engineering problems. Such applications of have demonstrated that artificial intelligence techniques frequently outperform traditional, deterministic-based solutions. This Special Issue seeks to incorporate the latest developments in artificial intelligence with respect to geotechnical engineering. Authors are encouraged to submit their latest research in the broad field of "Applications of Artificial Intelligence and Machine Learning in Geotechnical Engineering". Authors are further encouraged to consider how their models can be disseminated, for example, digitally or by means of an equation, so that readers and practitioners can make use of them in their work.

Guest Editors

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Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherentset of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientificallybased political decisions.
We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

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