Advances in Computational Intelligence in Geotechnical and Geological Engineering

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Deadline for manuscript submissions:
closed (1 February 2024)

Message from the Guest Editors

The theory, design, implementation and evolution of motivated computational paradigms are the focus of the field known as computational intelligence (CI). CI utilizes algorithms/approaches such as artificial neural networks, fuzzy logic, evolutionary theory, learning theory and probabilistic theory, making it a good and useful fit for real-life problems. Due to the complicated interactions created between dependent and independent variables, these techniques can be successfully implemented in different fields of science and engineering.

This Special Issue is devoted to the publication of the latest research, design and development of CI solutions (i.e., regression and time series) in the areas of geotechnical, geomechanical and geological engineering. We invite researchers to contribute original research and review articles stimulating the continuing research efforts contributed to applications of recent CI and soft computing methods for solving relevant problems. In addition, research articles in-line with the scientific combination of CI-based, risk-based and reliability-based techniques with basic theories and concepts in geotechnics and geomechanics are highly welcomed.

Special Issue

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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