Artificial Intelligence in Geoenvironmental and Energy Sciences

Guest Editors:

Prof. Dr. Ahmed E. Radwan
Institute of Geological Sciences, Jagiellonian University, 31-007 Krakow, Poland

Dr. Hamzeh Ghorbani
1. Faculty of General Medicine, University of Traditional Medicine of Armenia, Yerevan 0040, Armenia
2. Young Researchers and Elite Club, Ahvaz Branch, Islamic Azad University, Ahvaz, Iran

Deadline for manuscript submissions:
closed (31 October 2023)

Message from the Guest Editors

Understanding the interaction between environmental and energy sciences is vital for geo-environmental modeling and monitoring, energy production, environmental safety, energy efficiency, and life in general. To study the challenges that humans face and determine their dimensions in various aspects of science, a large dataset is required. Artificial intelligence, on the other hand, has undergone a major revolution in predicting, optimizing, and determining the key parameters of various sciences and is now going beyond traditional approaches, leading to safer, more efficient, and more cost-effective solutions, with the ability to accurately predict key parameters of earth sciences and extraterrestrial sciences. Breakthroughs and significant progress have been made in the last few decades in the use of scientific data for predictive analytics. This special issue aims to achieve, predict, and optimize the key parameters of earth sciences and energy sciences using machine learning and deep learning.

Special Issue

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Message from the Editor-in-Chief

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