Special Issue

Applications of Machine Learning Models to Analyze Water Management Problems

Message from the Guest Editors

Due to the wide range of breakthroughs in machine learning techniques, enormous improvements in water management problems have recently been experienced to significantly make environment sustainable. Over the past decades, water resources-related problems have always become the cornerstone of the issues that researchers have made attempts to enhance precision level of water management problems such as monitoring rivers pollutants, groundwater quality assessment, optimization of water resources systems, flood monitoring, drought, and evapotranspiration prediction. Nowadays, there is a ferocious demand for usability of newly-advanced machine-learning techniques for driving physical behaviors of various natural hazards that have been frequently occurred in environment and consequently have detrimental impacts on sustainability of water resources management. In the present special issue, researchers are respectfully invited to submit their research works on the use of machine learning models to address significant issues in water resources management problems.

Guest Editors

Dr. Mohammad Najafzadeh

Faculty of Civil and Surveying Engineering, Graduate University of Advanced Technology, Kerman P.O.Box 7631885356, Iran

Prof. Dr. Francesco Granata

Department of Civil and Mechanical Engineering (DICEM), University of Cassino and Southern Lazio, Via Di Biasio 43, 03043 Cassino, FR, Italy

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Editor-in-Chief

Prof. Dr. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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