Special Issue

Water Resource Management Using Artificial Intelligence Methods

Message from the Guest Editors

The planning, designing, and managing and management of water resources are still not systematically benefited by automated data processing, data analysis, and predictive modeling assistance for real-time monitoring, and adjusting appropriate forecasting models using data-driven techniques with the full capacity of Artificial Intelligence (AI) techniques. **Our goal in proposing this Special Issue** entitled "Water Resource Management Using Artificial Intelligence Methods" is to combine many of the ongoing research activities on the application of AI techniques in water resource management into a single open source document. The contributions to this Special Issue will encompass wide topics in water resources in many regions around the world, including but not limited to application and development of more efficient AI techniques in water resource monitoring, operation, assessment, development, planning and design, conservation, and control. This Special Issue will also welcome a knowledge-based decision support tool taking into account social, economic, environmental and ethical governance issues in water resource management.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Earth journal is a publishing platform to promote discoveries related to the Earth and its components (atmosphere, oceans, land, cryosphere, biosphere, and humans). The journal serves as a publishing venue that views Earth from a holistic perspective and disseminates scientific papers with emphases on multidisciplinary approaches to understand the complexities and interactions occurring on a variety of spatial and temporal scales. Rapid turnaround time and full open access offer the opportunity to make research results immediately available to scientific communities and the general public.

Editor-in-Chief

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indexed within ESCI (Web of Science), Scopus, GeoRef, AGRIS, and other databases.

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JCR - Q2 (Geosciences, Multidisciplinary) / CiteScore - Q1 (Earth and Planetary Sciences (miscellaneous))

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