



WATER CONSERVATION AND EFFICIENCY

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Guide for Authors

Water conservation encompasses the policies, strategies and activities made to manage water as a sustainable resource, to protect the water environment, and to meet current and future human demand. Population, household size, and growth and affluence all affect how much water is used. Factors such as climate change will increase pressures on natural water resources especially in industrial and agriculture. The goals of water conservation efforts include, Water Scarcity, Habitat Conservation, Water Efficiency and Water Conservation. Water Conservation and Efficiency aims to target the developing multidisciplinary areas in sciences and engineering associated with water conservation. The Journal welcomes original contributions that potentially involve multidisciplinary research and considers sustainable management and conservation of water as a valuable resource. Contributions should have relevance and implication on sustainable water conservation practices from individual household to community level, as well as from regional, national and international scales. Contributors may emphasize any of the aforesaid aspects of water conservation. Manuscripts that report only laboratory works without in-depth discussion and implications on improving water conservation practices will not be included for publication in the journal.

Water Conservation Science & Engineering publishes original research papers, critical and comprehensive reviews, analyses and case studies on topics, which include but are not limited to:

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2. Environmental monitoring of chemical and microbiological contaminants in source and treated waters and/or quantitative risk assessments for potential reuse in potable and non-potable applications.
3. Demonstration on the concept of integrated water resources management or equivalent in rural, urban or mixed-setting, as well as agricultural and industrial applications.
4. Societal, economic, institutional and policy aspects of strategies to improve the sustainability of water conservation practices, including strategies for managing water resource supply and demand, water substitution and reuse, enhancing the water-energy nexus and sustainability of the water industry.
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Guide for Authors



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Acknowledgements

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[1] D. Wang, Y. B. Fu, M. A. Ashraf, Artifacts reduction in strain maps of tagged magnetic resonance imaging using harmonic phase, *Open Med.* 10 (2015), 425–433 DOI: 10.1515/med-2015-0074

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[2] M. Hosseini, M. A. Ashraf, *Application of the SWAT Model for Water Components Separation in Iran*, first ed., Springer, Japan, 2015

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[3] M. A. Ashraf, S. Batool, M. Ahmad, M. Sarfraz, W. S. Aqma , *Biopolymers as biofilters and biobarriers*, in: P. Torgal, I. Karak, J. Jonkers (Eds.), *Biopolymers and Biotech Admixtures for Eco-Efficient Construction Materials*, Elsevier Woodhead Publishing, India. 2016, pp. 401-424.

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