Special Issue

Efficient Applications of Cooling Towers in Industry and Technological Innovations

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to the theory, design, modeling, optimization, application, and control of all types of industrial cooling towers. Topics of interest for publication include, but are not limited to, the following: Energy efficiency optimization and low carbon technology, including high-efficiency heat and mass transfer design, new filler structures and structure optimization, aerodynamic optimization, heat transfer enhancement, high-efficiency air-cooled radiators, optimal radiator arrangement, waste heat recovery, carbon capture integration, and intelligent control. Water conservation and environmental protection technology, including dry cooling towers, hybrid (dry/wet) cooling towers, environmentally friendly water treatment, zero discharge of wastewater, and drifting water suppression.

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Deadline for manuscript submissions

31 October 2025

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/238995

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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