Special Issue

Integrated Solar Thermal Systems

Message from the Guest Editors

Solar thermal collectors can be easily integrated with thermal energy storages (sensible and latent heat storage), absorption and compression heat pumps (solar assisted heat pumps), water desalination plants, and thermal power plants. The integration of solar thermal systems with other renewable energy sources (geothermal, biomass, wind, etc.), but also with conventional technologies, based on the use of fossil fuels, represents a further interesting solution to improve the exploitation of renewable energy sources, mitigating the typical fluctuations of solar systems and dramatically improving their profitability. Such integrated systems can also provide important benefits on the path towards zero or nearly zero energy buildings, especially in case of building-integrated solar technologies (BIST).This Special Issue is focused on the most recent advances in the integration of solar thermal systems with other technologies, and aims to address the newest and most promising developments of such systems.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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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