

Special Issue

Recent Advances in Solar Thermal Energy

Message from the Guest Editor

The journal *Solar* (ISSN: 2673-9941) is announcing a Special Issue entitled “Recent Advances in Solar Thermal Energy.” Solar energy is the cleanest and most abundant renewable energy source available. Photovoltaics (PV) are the most widely deployed solar electricity technology. Solar thermal technologies present their own advantages when paired with an inexpensive storage system and/or applying such technologies directly on various operations. The dominant end-use energy type, industrial and/or residential heating and cooling, presents tremendous solar thermal research opportunities for advancement of the energy intensive technologies that have become ubiquitous for modern life. This Special Issue of *Solar* on “Recent Advances in Solar Thermal Energy” aims to capture the latest research in the field of concentrated solar power (CSP) plants, hybrid CSP/PV systems, solar carbon dioxide (CO₂) conversion, solar thermal desalination, solar water heating, solar cooking systems, solar industrial process heat, solar disinfection, solar thermal agriculture, etc.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2024)



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About the Journal

Message from the Editor-in-Chief

Solar is a new international, open access journal for solar technologies. Climate change is real! Therefore, fast and wide-spread application of solar technologies is of utmost importance. Consequently, *Solar* aims to publish articles which make a real, influential, and often cited contribution not only to basic research and development, but also to the application of photovoltaics as well as to solar thermal conversion. In addition, articles discussing the politics, economy, environmental, and social issues of solar technologies are also welcome. We encourage authors to submit high-quality original articles, letters, and review articles. Our editorial and technical team guarantees a high-quality, fast reviewing process, fast publication, and promotion. With your articles, our journal will rank among the best soon!

Editor-in-Chief

Prof. Dr. Jürgen Heinz Werner

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