

Special Issue

Solar Energy and Heat Transfer Monitoring and Simulation

Message from the Guest Editors

This Special Issue is devoted to innovative designs and design interventions related to solar energy and its thermal applications and technologies. Topics include the following:

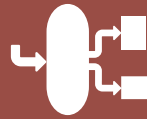
- Disruptive technologies in solar thermal heating and cooling in the domestic and decentralized sectors;
- Innovative and novel designs of solar thermal collectors and receivers for heating and cooling in the domestic and decentralized sectors;
- Innovative and novel designs of building-integrated solar thermal collectors and receivers for building heating and cooling systems in the domestic and decentralized sector;
- Innovative and novel applications of solar thermal collectors and their integration in different processes;
- Novel designs of devices for solar-energy-based disinfection and water treatment;
- Novel designs and technological interventions for rooftop agrovoltatics;
- Innovations in the use of solar thermal energy for power generation for standalone, domestic, and decentralized applications;
- Innovative and novel designs solar thermal cooking and drying and hybrid technologies for solar cooking and drying;
- Innovative thermal storage technologies for solar thermal systems in the domestic and decentralized sectors.

Guest Editors

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