

Special Issue

Planning for Home Renewable Energy Systems

Message from the Guest Editor

Residential buildings consume a significant amount of energy and, therefore, cannot be neglected in the ongoing energy transition. Renewable electricity from solar PV and wind power will become the main primary energy sources and residential buildings will become flexible prosumers interacting with the power grid. Significant reductions in greenhouse gas emissions will be achieved while intelligent automation ensures that the standard of living is simultaneously increasing. This Special Issue on Planning for Home Renewable Energy Systems focuses on bringing original research and literature reviews from different areas related to renewable energy utilization in residential buildings. Manuscript topics include but are not limited to the areas mentioned as keywords below.

Guest Editor

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Message from the Editor-in-Chief

Designs (ISSN 2411-9660) is a peer-reviewed and open access journal which provides a unifying research framework for a wide range of engineering designs of disciplines and industrial applications, including mechanical engineering, electrical engineering, civil engineering, mechatronics, aerospace engineering, bioengineering, energy engineering, industrial engineering and manufacturing systems are of interest. We would like to invite you to contribute to the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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