Special Issue

Solar Power System Planning & Design: Resource Assessment, Site Evaluation, System Design, Production Forecasting and Feasibility Studies

Message from the Guest Editor

With growing concerns about greenhouse gas emissions, the security of conventional energy supplies, and the environmental safety of conventional energy production techniques, renewable energy systems are becoming increasingly important and are receiving a great deal of political attention. Especially, photovoltaic (PV) and concentrated solar power (CSP) systems for the conversion of solar energy into electricity have been found to be technologically robust, scalable, geographically dispersed, and possess enormous potential as a sustainable source of energy. Planning and design are the most fundamental efforts required for the successful deployment of PV and CSP systems. This Special Issue aims at encouraging researchers to address the technologies, models and solutions for the planning and design of solar power systems. Articles dealing with resource assessments, site evaluations, system designs, and production forecasting and feasibility studies for solar power systems can be included.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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