Special Issue

Building Simulation Tool and Model

Message from the Guest Editor

Recently, computer simulation and modelling capabilities have grown so fast due to the needs of most engineering applications. It is used in various industrial processes and is applied in combination with physical simulation systems to verify expected results. The aim of using the tools is to reduce the cost efficiency of running the experimental testing through high-cost applications, such as energy power systems, smart grid applications, etc. Nonetheless, practical green energy applications will boost the economy and reduce harmful emissions. Substantially, the simulation increases the ability of research engineering to develop friendly environment power systems which are highly demanding in global emissions issues, and reduce the use of oil and coal. In addition, the current energy system adapts optimization via a substantial modelling methodology and algorithm and can be verified through soled simulation tools.

Guest Editor

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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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