



Application of Renewable Energy Sources (Solar, Geothermal, Wind, Biomass and Hydro Energies) in Buildings

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Message from the Guest Editor

Nowadays, the utilization of fossil fuels has been decreasing every year, and new investments in renewable energy technologies have become a global priority. Utilization of renewable energy sources such as solar, geothermal, wind, biomass, and hydro provides people in developing countries access to energy to cover demand for electricity, heating, and cooling energy. In developed countries, it enables the improvement of energy efficiency in the energy sector and reduces environmental pollution. It helps all countries in the world to ensure energy security. Renewable energy systems can be used at micro, small, and large scales. Rapid development of renewable energy technologies means that their availability is becoming more common while their costs are decreasing. Different technologies are dedicated to specific climatic, environmental, local, and social conditions. Research studies have been conducted to increase efficiency of energy conversion in different devices and machines and the total energy performance of renewable energy systems...





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Message from the Editor-in-Chief

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