

Special Issue

Evaluation, Measurement and Verification of Energy Savings

Message from the Guest Editor

Assessing energy savings is a complex task due to the lack of direct measurement tools. Meters record consumption, but there is no direct way to measure savings. Instead, savings are estimated by comparing the projected consumption without efficiency improvements to the actual consumption after the interventions. This is not a strict before-and-after comparison but rather an evaluation that accounts for variables such as climate conditions, operational factors, and other influences on energy consumption. The evaluation of long-term savings accounts for uncertainty in the economic parameter (interest and inflation) and in the energetic scenario (carbon factor of energy production); therefore, sensitivity analysis and different countries' energy mixes play a crucial role in defining the best strategy for decarbonization through energy savings.

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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