ENERGY AND BUILDINGS
An international journal devoted to investigations of energy use and efficiency in buildings

DESCRIPTION

Energy and Buildings is an international journal publishing articles with explicit links to energy use in buildings. The aim is to present new research results, and new proven practice aimed at reducing the energy needs of a building and improving indoor environment quality. Energy and Buildings considers and publishes articles considerably advancing Building Science. Preference is given to practical and experimental research articles reporting considerable innovations. Articles reporting advances in theoretical and simulation methods are welcome once results are fully validated using appropriate experimental data, and so are the articles reporting application of numerical or theoretical methods for the analysis of new technology and materials and innovative designs.

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- Energy demands and consumption in existing and future buildings - prediction and validation
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- Application of solar and other renewable energy sources in buildings
- Energy balances in building complexes (residential, commercial, industrial, public and other buildings)
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- Energy performance of buildings and modeling predictive control
- Zero CO2 emission - zero energy and energy plus buildings and their smart grid harmonized operation
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