

Special Issue

Fluid, Energy and Thermal Comfort in Buildings

Message from the Guest Editors

Buildings serve as comfortable shelters for humans to live, work and produce. Throughout history, humans have created and maintained suitable environments with a variety of natural or artificial-based methods. To date, advanced technologies for building environment construction have broken through the natural limitations and further expanded people's requirements for building thermal comfort, which not only meet the basic requirements of production and life, but also provides the possibility and guarantee for some special needs. Temperature, humidity and cleanliness are important tasks in building construction. There are a large number of fluid and energy transfer problems in the creation of the building environment. The extensive and intensive studies on these problems are beneficial to improve comfort and, ultimately, save energy. This Special Issue aims to gather review and original research papers addressing the current topics and future challenges, which not only enrich the basic theoretical knowledge, but also provide necessary reference and guidance for engineering practice.

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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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