





Special Issue Reprint

# Thermal Behaviour, Energy Efficiency in Buildings and Sustainable Construction

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This reprint of the fourth edition Special Issue about Thermal Behaviour, "Energy Efficiency in Buildings and Sustainable Construction", published in the journal *Energies* (MDPI), includes 10 research papers, from across the world, with very interesting and actual research topics, such as the following: Thermophysical Properties of Compressed Earth Blocks; Envelope Deficiencies and Thermo-Hygrometric Challenges in Warehouse-Type Buildings; Natural Ventilation Analyses in Buildings at Urban Scale; Mitigating Soil Frost Heave Around Gas Pipelines; Assessment of Sustainable Building Design with Green Star Rating Using BIM; Influence of Solar Radiation on the Thermal Load of an External Wall Taking into Account Its Material Properties; Integrated Energy and Social Retrofit Strategies; Long-Term Performance of Thermal Insulating Composite Systems; Influence of Web-Perforated Cold-Formed Steel Studs on the Heat Transfer Properties of LSF External Walls; and Insulation Improvements in Dutch Houses.





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