

## Special Issue

# Thermal Comfort and Energy Efficiency in the Face of Climate Change: Advanced Strategies and Technologies

### Message from the Guest Editors

Climate change is intensifying extreme weather events, posing a challenge to our ability to ensure indoor thermal comfort while simultaneously reducing building energy consumption. This Special Issue seeks to address this critical nexus by featuring cutting-edge research on innovative strategies and technologies. We invite contributions on passive design, advanced heating, ventilation, and air-conditioning (HVAC) systems, smart materials, renewable energy integration, and IoT/AI-based control systems. The goal is to showcase novel solutions that enhance occupant well-being, minimize the carbon footprint of the building sector, and foster resilient built environments prepared for future climate realities.

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### Guest Editors

Dr. Daniel Sánchez-García

Dr. Alberto Cerezo Narváez

Dr. Roberta Jacoby Cureau

Dr. M<sup>a</sup>Carmen Guerrero Delgado

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### Deadline for manuscript submissions

1 October 2026



## Applied Sciences

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## About the Journal

### 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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### Editor-in-Chief

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