



## Thermal Comfort in Hot-Humid Climates

Guest Editors:

**Dr. Ruey-Lung Hwang**

Department of Industrial  
Technology Education, National  
Kaohsiung Normal University,  
Kaohsiung 824004, Taiwan

**Dr. Kuo-Tsang Huang**

Department of Bioenvironmental  
Systems Engineering, National  
Taiwan University, Taipei 10617,  
Taiwan

**Dr. Wei-An Chen**

Department of Architecture,  
National Cheng Kung University,  
Tainan 70101, Taiwan

Deadline for manuscript  
submissions:

**closed (27 June 2023)**

### Message from the Guest Editors

Thermal comfort is an important issue nowadays since the influence of climate change on humans' well-being has become more apparent due to extreme weather conditions in recent years. To date, several studies have explored and established the evaluation criteria or prediction models for thermal comfort assessment, while there is still a lack of comprehensive discussion for specific climate zones. In particular, the features of the hot-humid climate are distinctive and unique. <false,>this Special Issue is specific to hot-humid climates and aims to demonstrate the relationships among thermal comfort (indoor or outdoor) and human productivity, human behaviors, energy use, architectural design, building performance, etc. In addition, it is also an appropriate venue for papers that distinguish the difference between different climate zones to show the influence derived from geographical location and weather conditions.<false,>Original results including, but not limited to, innovative models, evaluation criteria, field experiments, subjective surveys, and review papers related to thermal comfort issues in hot-humid climates are all welcome contributions.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Ilias Kavouras**

Environmental, Occupational,  
and Geospatial Health Sciences,  
CUNY School of Public Health,  
New York, NY 10027, USA

## Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

**Journal Rank:** CiteScore - Q2 (*Environmental Science (miscellaneous)*)

## Contact Us

---

Atmosphere Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/atmosphere](https://mdpi.com/journal/atmosphere)  
[atmosphere@mdpi.com](mailto:atmosphere@mdpi.com)  
[X@Atmosphere\\_MDPI](https://twitter.com/Atmosphere_MDPI)