Special Issue

Urban Climate Mitigation Techniques and Technologies

Message from the Guest Editors

The journal *Atmosphere* launches a new Special Issue on Urban Climate Mitigation Techniques and Technologies and, as the Special Issue Editors, we would like to invite you to contribute your research achievements in this field. This Special Issue aims to invite high-quality studies, covering topics such as (a) the evaluation of the urban climate using numerical and/or experimental approaches, (b) the contribution of the urban heat island mitigation strategies on the improvement of the outdoor thermal environment, citizens' thermal comfort and buildings' energy performance, (c) the assessment of the effect of climate change challenges on the urban areas including extreme heatwaves and flash floods, and (d) the definition of performance indicators and decision support criteria for optimal urban design. The selection of the papers for this Special Issue will be based both on their innovation and originality but also their scientific and applied findings, suggesting a valuable contribution in the scientific community.

Guest Editors

Dr. Stella Tsoka

1. Faculty of Civil Engineering, University of Patras, 26504 Rio, Greece
2. Faculty of Civil Engineering, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

Dr. Konstantia Tolika

Department of Meteorology and Climatology, School of Geology, Aristotle University of Thessaloniki, University Campus, 54124 Thessaloniki, Greece

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Atmosphere
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
atmosphere@mdpi.com

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About the Journal

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!

Editor-in-Chief

Dr. Daniele Contini
Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Str. Prv. Lecce-Monteroni km 1.2, 73100 Lecce, Italy

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