

## Special Issue

# Low Carbon Systems for Cooling of Building in Emerging Markets

### Message from the Guest Editors

The Special Issue will collect research and studies on affordable solutions for cooling systems for buildings suitable to fulfill the demand for comfort arising from a huge number of new users, mainly living in hot and humid regions. Topics for this Special Issue include but are not limited to the following:

- Solar cooling systems for residential applications in hot and humid climates;
- Heat-driven chillers of small/medium sizes;
- Evaporative cooling (technologies and potential application);
- PV driven air conditioners;
- Reversible heat pumps for hot and humid climates;
- Compact hot and cold storage devices;
- New and traditional materials for refrigeration cycles and heat storage;
- ICT applications for heating and cooling systems;
- Demand/response schemes and applications for residential users;
- Advanced controls for innovative HVAC systems.

Prof. Dr. PhD Marco Beccali  
Dr. PhD Marina Bonomolo

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 May 2021)



## Applied Sciences

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Impact Factor 2.5  
CiteScore 5.5



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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

Prof. Dr. Giulio Nicola Cerullo  
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