



Advances in Construction, Design, and Investigations in Curtain and Ventilated Walls

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Message from the Guest Editors

The curtain wall facade is the most widespread system for building glass facades. Individual solutions require additional structural analysis and laboratory tests to avoid design or construction problems and defects during exploitation. In several cases, it is necessary to incorporate scientific and engineering communities to evaluate the performance of curtain walls and ventilated facades.

Therefore, this Special Issue calls for papers related (but not limited) to the following areas:

Analysis and design of curtain wall and ventilated facade systems

Problems associated with curtain walls and ventilated facade

New solutions for curtain wall and ventilated facade systems

Energy efficiency of glazing systems

Safety analysis of curtain wall and ventilated facade systems

Support structures and brackets

Sustaining capability

New fire protection in curtain wall and ventilated facade systems

Steel and aluminum structures





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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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