



The Application of Renewable Energy in Sustainable Architecture II

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Deadline for manuscript
submissions:

31 December 2021

Message from the Guest Editors

In recent times, the world has become increasingly aware of the significant potential of Renewable Energy Sources (RES) as a replacement for non-renewable fossil fuel energy. The adoption of building integration of RES can fundamentally change the design methodologies that affect residential and commercial buildings throughout the world. Consequently, architects will have to deal with architectural integration issues. The application of renewable energy in sustainable architecture is the result of a controlled and coherent integration of the new technologies from all points of view: functional, constructive and aesthetic. The building has to fulfill a wide and complex set of protection and regulation functions, requiring the use of different structures, components, and HVAC systems. The integration of RES systems in buildings should be studied very carefully from a sustainable development angle.

This Special Issue aims to contribute an outstanding collection of both research and design practice papers on the integration of renewable energies in sustainable architecture in different climates around the world.





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Message from the Editor-in-Chief

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