



Fast-Growing, Bio-Based Construction Materials as Key Drivers to a Net-Zero-Carbon Built Environment

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Message from the Guest Editors

The need for solutions to achieve net-zero-carbon built environments is more imperative than ever. We recognize that approaches utilizing fast-growing, bio-based materials can make a significant contribution to achieving this goal. With the present Special Issue, we aim to highlight the potential of fast-growing, bio-based materials in novel applications in the built environment, especially in building. Moreover, we would like to target the main positive aspects of these materials, such as their circularity and contribution to the implementation of new bio-economies.

With this Special Issue, we aim to bring attention to the potential contributions that fast-growing, bio-based material can provide while creating a repository of knowledge that can help decision-makers and pave the way towards a sustainable built environment.

We are pleased to invite you to submit an original contribution to this Special Issue addressing topics in the fields of material science, buildings physics, structural applications, value chain analysis, circular and bio-economies, as well as criticality and land-use competition





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