Special Issue

Research on Wood and Lignocellulosic-Based Materials for Cultural Heritage

Message from the Guest Editor

From archaeobotanical remains, to structure inside buildings or boats, material for carved works or support for painting, wood is the most represented organic material in archaeological, historic, and artistic objects. Being a perishable material, its preservation is often challenging and requests more and more deep characterization studies and experimentation on new materials and technologies. With this Special Issue, we would like to collect papers on innovative studies concerning wood for cultural heritage, comprising the following:

- Characterization of the material;
- Dating;
- Analysis of wood degradation in different environments;
- Impact of climate changes on wooden artifacts preservation;
- Use of innovative techniques, numerical model, digital twin, diagnostic instruments, or processes for characterization of wood and of wood/artifact degradation and pertaining prevention;
- Application of new chemical compounds or products for the conservation and preservation of wooden cultural heritage

Guest Editor

Dr. Federica Antonelli
Bio. Co. Ré. Laboratory, Scurcola Marsicana, Italy

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

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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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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