

Special Issue

Recent Developments and Trends in Wood Coatings

Message from the Guest Editor

We would like to invite you to submit your work to this Special Issue on “Recent Developments and Trends in Wood Coatings”. Subjects covered by this Issue include the characterization, implementation, and development of interior and exterior wood coatings or wood coatings components (e.g., binders). In particular, the topics of interest include, but are not limited to the following:

- Novel protective wood coatings against UV, fire, fungi, chemical, and mechanical stresses;
- Assessment and implementation of water-based and other low-VOC coatings alternatives;
- Understanding of wood coatings degradation pathways;
- Development of stimuli-sensitive and functional coatings for wood-based substrates (self-cleaning, self-healing, multifunctional, etc.);
- Development and use of characterization methods for wood coatings assessment;
- Life-cycle analysis of wood coatings.

Guest Editor

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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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