

Hydrophobic and Anti-icing Coatings

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Deadline for manuscript
submissions:

30 June 2024

Message from the Guest Editors

We would like to invite you to submit your original research to this *Coatings* Special Issue entitled “Hydrophobic and Anti-Icing Coatings”. The goal of this Special Issue includes all aspects of research related to hydrophobic and anti-icing coatings, including theoretical and application-oriented papers, experimental and numerical studies, case studies, and reviews.

We encourage you to send manuscripts containing scientific findings within the broad fields of coatings. Specific topics of interest include but are not limited to:

- Anti-icing coatings
- Superhydrophobic coatings
- Artificial and natural icing
- Self-healable coatings
- Experimental testing
- Numerical modeling
- Icing flashover
- Icing forecast
- Bionic deicing
- Sustainable coatings
- Anticorrosive coatings
- Testing method
- Insulation materials
- Thermal conductive materials
- Electrical contact materials
- Composite materials



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Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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