



Coating—A Sustainable Future

Guest Editors:

Dr. Ghasideh Pourhashem

Department of Coatings and
Polymeric Materials, North
Dakota State University, 1735
NDSU Research Park Drive, Fargo,
ND 58102, USA

Prof. Dr. Mark D. Soucek

Department of Polymer
Engineering, College of Polymer
Science and Polymer
Engineering, The University of
Akron, Akron, OH 44325, USA

Dr. Mojgan Nejad

Department of Forestry, Michigan
State University, East Lansing, MI
48824, USA

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Message from the Guest Editors

Dear Colleagues,

The development of green and sustainable coatings is in high demand due to their ability to provide a healthier environment for workers, safer products for customers, and compliance with new requirements and regulations. In addition, consumers' demand for environmentally friendlier, green products has grown exponentially. Today, sustainability aspects of coatings have been moving beyond the reduction of volatile organic compounds (VOCs) to energy and resource savings, the incorporation of renewable materials, greener processes, and waste minimization through the entire value chain of the coating productions.

The topics of interest include but are not limited to:

- Using renewable raw materials in coating formulation;
- Novel designs of material synthesis and formulation processes that reduce health and environmental impacts;
- Life cycle environmental impact assessment and techno-economic analysis of green coatings
- Reducing the use of toxic components;
- Green coatings in biomedical, electronic, automotive, and construction applications;
- Green coatings for energy saving in the construction industry.



Editors-in-Chief

Prof. Dr. Wei Pan

State Key Laboratory of New
Ceramics and Fine Processing,
School of Materials Science &
Engineering, Tsinghua University,
Beijing 100084, China

Dr. Emerson Coy

NanoBioMedical Centre, Adam
Mickiewicz University in Poznań,
ul. Wszechnicy Piastowskiej 3, 61-
614 Poznań, Poland

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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Contact Us

Coatings Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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