

Special Issue

Advanced Technology in Environmental Remediation and Resource Utilization

Message from the Guest Editors

With the development of industrialization, environmental pollution problems are becoming increasingly severe. All forms of pollutants (organics, heavy metals, and microplastics) are discharged into the environment, polluting water bodies, atmosphere, and soil, which results in seriously damaging ecological environments and impacts human life. Various environmental remediation technologies have been researched and applied for removing contaminants and remediating ecological environment. We are pleased to invite you to submit manuscripts in the form of complete research papers, short communications, or reviews. This Special Issue aims to present prominent advances in relation to advanced oxidation processes, environmental catalysis technology, environmental-function materials, and resources reuse in environment. In this Special Issue, original research articles and reviews are welcome. Research areas may include the following:

- Environmental remediation;
- Resource utilization;
- Advanced oxidation process;
- Environmental catalysis;
- Environmental function material.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (25 January 2024)



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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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