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Application of Green Chemistry in Environmental Engineering

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Message from the Guest Editors

Growing environmental awareness and increasingly stringent regulations are driving the need for innovative and sustainable solutions in engineering. Green chemistry offers a promising approach to addressing environmental challenges by promoting processes and products that reduce or eliminate the use and generation of hazardous substances. Integrating green chemistry into environmental engineering not only enhances the sustainability of industrial processes but also contributes to environmental protection and human health.

Topics of interest include, but are not limited to, the following:

- Development of eco-friendly and biodegradable materials;
- Green chemistry-based technologies for water and soil purification;
- Synthesis and application of green catalysts;
- Sustainable chemical processes for waste treatment;
- Applications of green chemistry in pollution reduction and resource recovery;
- Green solvents and reagents;
- Life cycle assessment of green chemistry applications;
- Renewable energy technologies incorporating green chemistry principles;
- Advances in green chemistry for environmental remediation.



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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.

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