Special Issue

Advanced Oxidation Applications

Message from the Guest Editors

Advanced oxidation technologies continue to be of significant interest for treatment, emission control, and remediation purposes. These have been applied to various media, including air, water, and even solids. A wide variety of technologies and chemistries have been applied and characterized for producing hydroxyl radicals and other oxidizing species to break down recalcitrant or toxic organics in different media. However, there are often significant technical or economic barriers that make adoption of these technologies difficult. This Special Issue focuses on work that seeks to identify and overcome these barriers to advanced oxidation technologies, by exploring novel approaches, new applications, improved reactor designs, or combinations of technologies that hold promise in the field.

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Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal Environments, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

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