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# **Advanced Oxidation Applications**

Guest Editors:

#### Prof. Dr. William A. Anderson

Department of Chemical Engineering, University of Waterloo, Waterloo, ON N2L 3G1, Canada

### Dr. Madhumita Ray

Department of Chemical and Biochemical Engineering, Western University, London, ON, Canada

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## **Message from the Guest Editors**

Dear Colleagues,

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.

Prof. Dr. William A. Anderson Prof. Dr. Madhumita Ray *Guest Editors* 











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### **Editor-in-Chief**

#### Prof. Dr. Sergio Ulgiati

1. Department of Science and Technology, Parthenope University of Naples, Centro Direzionale, Isola C4, 80143 Napoli, Italy 2. State Key Joint Laboratory of

2. State key Joint Laboratory of Environment Simulation and Pollution Control, School of Environment, Beijing Normal University, No. 19 Xinjiekouwai Street, Beijing 100875, China

# **Message from the Editor-in-Chief**

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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