



water

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## Advanced Oxidation Process (AOP) as Remediation Method for Water and Soil

Guest Editor:

**Dr. Davide Clematis**

Department of Civil, Chemical  
and Environmental Engineering  
(DICCA), University of Genoa,  
Genoa, Italy

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### Message from the Guest Editor

Dear Colleagues,

The quality grade of water and soil are closely interconnected, and both are threatened by organic pollutants, meaning that systems with high-degradation efficiency and economically sustainable are required. Advanced oxidation processes (AOPs) have already demonstrated their potential for wastewater and contaminated soils containing recalcitrant and toxic compounds. Chemical, photochemical, electrochemical, and sonochemical processes have been developed, but many efforts are still necessary to increase their applications. For a full exploitation of AOPs, the key factors that must be considered are catalytic activity, reactor configuration, and the composition of the treated system, with a deep attention to real operating conditions.

This **Special Issue** aims to enhance the understanding of AOPs for water and soil remediation, at different levels, from fundamentals to large-scale applications and their integration with other technologies in hybrid systems. Authors are encouraged to present their research, and both the experimental and numerical approaches are welcome, as well as review papers.

Dr. Davide Clematis  
*Guest Editor*



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# Special Issue



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## Message from the Editor-in-Chief

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Water Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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