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Advances in Photoassisted and Photocatalytic Processes for Water Remediation

Guest Editors:

Dr. Jaime Carbajo
Universidad Autónoma de Madrid, Chemical Engineering Department, Madrid, Spain

Prof. Dr. Patricia García-Muñoz
Department of Industrial Chemical and Environmental Engineering, Escuela Técnica Superior de Ingenieros Industrial (ETSII), Universidad Politécnica de Madrid (UPM), 28006 Madrid, Spain

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Message from the Guest Editors

Over the last few years, a remarkable amount of research has been devoted to the application of advanced oxidation processes (AOPs) as viable and effective technologies for the treatment of pollutants that are hardly removed by other conventional wastewater treatments. This Special Issue is aimed at covering the latest trends in water remediation, either for purification (including oxidation and reduction processes) or for disinfection, as well as novel achievements related to the syntheses of feasible catalysts for different photoassisted AOPs. Thus, we welcome both original and review articles, covering not only but mainly the following topics: Solar wastewater treatment; Water treatment/disinfection; Photoassisted AOPs combined with other technologies; Emerging pollutants removal; Real wastewater applications; Design of new photocalysts; Scale-up, engineering aspects of light-assisted AOPs.