



Innovative Approaches for the Environmental Chemical Engineering

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Message from the Guest Editor

Dear Colleagues,

Chemical Engineering (CE) has proven to be a powerful instrument to solve important environmental problems. Conventional subjects of CE have been extensively used for traditional and emerging environmental technologies, but because environmental technology is developing so quickly, a CE approach is still necessary for some processes. Hence, this Special Issue is dedicated to advances and new trends in Environmental Chemical Engineering (ECE). Research areas of particular interest include, but are not limited to, air, water, wastewater, and soil decontamination; waste valorisation and management; pollution prevention, monitoring, and control; resource recovery (nutrients, energy, materials, water); new materials for ECE and sustainable energy solutions; and emerging environmental contaminants removal.

Dr. Maria del Carmen Marquez

Guest Editor





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Message from the Editor-in-Chief

ChemEngineering is to consolidate its position as a high-quality, open access journal that not only disseminates excellent research but also sets the agenda for future directions in chemical engineering. We will continue to highlight core areas such as catalysis, process intensification, and the circular economy, while also opening the door to emerging topics such as multi-energy systems that integrate light, heat, and electricity, etc., as well as digital tools, modelling, and artificial intelligence applied to chemical engineering.

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