Special Issue

Control of Flue Gas Pollutants and Clean Combustion Processes

Message from the Guest Editor

With the growing emphasis on ultra-low emissions and carbon neutrality, the control and cleaning of pollutants' combustion technology are captivating the interest of both the environment and combustion communities. The latest advances in the control of flue gas pollutants and clean combustion processes are focused on developing innovative methods to reduce emissions, improve air quality, and promote sustainable energy production. From basic modifications to increasing the efficiency of an adsorbent or catalyst, to fascinating demonstrations of novel combustion processes such as oxy-fuel combustion and chemical looping combustion, we have witnessed the development of clean combustion in recent years, which is still ongoing. This Special Issue entitled the "Control of Flue Gas Pollutants and Clean Combustion Processes", aims to collect up-to-date advances in the broad subject area of pollution control and clean combustion. Topics of interest for this Special Issue include, but are not limited to, the following:

- Advanced emission control technologies;
- Novel combustion processes;
- Renewable energy sources;
- Integration of CCUS into fossil fuel combustion.

Guest Editor

Dr. Qiang Lyu
School of Energy and Power Engineering, Xi'an Jiaotong University, Xi'an 710049, China

Deadline for manuscript submissions

25 November 2025

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

mdpi.com/si/207664

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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