

Special Issue

Featured Papers in “Environmental Catalysis” Section

Message from the Guest Editors

Catalysis plays a crucial role in addressing the urgent environmental challenges we face today, such as air and water pollution, climate change, and the depletion of natural resources. To tackle these issues, it is essential to develop efficient and sustainable catalytic processes. This Special Issue aims to showcase cutting-edge research and advancements in the field of "Environmental Catalysis" through a collection of featured papers. The papers included in this Special Issue cover a wide range of topics, focusing on the catalytic elimination of gas-, liquid-, and solid-phase pollutants. These pollutants, including VOCs, NO_x, SO_x, CO₂, CH₄, organic compounds, and soot, significantly contaminate air, water, and soil, posing threats to human health and the environment. By highlighting the potential of catalysis in addressing environmental issues, this Special Issue hopes to inspire researchers, engineers, and policymakers to further explore and harness its capabilities. Through interdisciplinary collaborations and the adoption of sustainable catalytic processes, we can pave the way toward a cleaner and greener world.

Guest Editors

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