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## **Catalytic Removal and Resource Utilization of NOx**

Guest Editor:

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Deadline for manuscript submissions:

closed (31 July 2023)

## Message from the Guest Editor

Dear Colleagues,

As the major gaseous pollutants, nitrogen oxides like N<sub>2</sub>O, NO, and NO<sub>2</sub> can be originated from the combustion processes in both stationary and mobile sources. They contribute to a series of environmental concerns including the greenhouse effect, which pose a tremendous threat to human health as well as the ecosystem around us.

The selective catalytic reduction of NO<sub>x</sub> by NH<sub>3</sub> under medium and low-temperature range used to be the research hotspot. However, the coexistence of H<sub>2</sub>O, SO<sub>2</sub>, and volatile organic compounds in practical circumstances poses a great challenge to the catalysts. In this context, the development of catalysts with high SO<sub>2</sub> resistance, ammonium bisulfate resistance, and the synergistic NOx-VOC removal capability would be of great importance.

With the aim of building better catalysts for a sustainable world, submissions to this special issue "Catalytic Removal and Resource Utilization of NOx" in the form of original research papers or short reviews regarding the following topics (Low-temperature NH<sub>3</sub>-SCR of NOx, SO<sub>2</sub> resistance, Ammonium bisulfate (ABS) resistance, Synergistic NOx-VOCs removal, Resource utilization of NOx) are welcome.



