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# Application of Catalysts in CO2 Capture, Production and Utilization

Guest Editors:

### Dr. Huancong Shi

School of Energy and Power Engineering, University of Shanghai for Science and Technology, Shanghai 200093, China

## Dr. Shijian Lu

Carbon Neutrality Institute, China University of Mining and Technology, Xuzhou 221008, China

### Dr. Jing Jin

School of Energy and Power Engineering, University of Shanghai for Science and Technology, Shanghai 200093, China

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# **Message from the Guest Editors**

Currently, carbon capture, utilization, and storage (CCUS) technology has drawn research attention since 2020. There were intensive publications related to catalytic CO<sub>2</sub> absorption, desorption, and conversion. The reaction mechanisms, structure–activity correlation and catalysis have been the research focus for years. This Special Issue intends to publish manuscripts in the area of catalytic carbon capture, utilization and storage. The research area was focused on: Heterogeneous catalytic CO<sub>2</sub> absorption and desorption, oxy-combustion, catalytic CO<sub>2</sub> conversion, catalytic mechanism, heterogeneous catalytic models, reaction kinetics, and related research in selective catalytic reduction (SCR) of NOx.



