



Carbon Emission Mitigation: Drivers and Barriers

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Message from the Guest Editors

We are pleased to launch a new Special Issue focusing on new insights into the drivers and barriers towards carbon emission mitigation.

Carbon emission mitigation is central to achieving sustainable development and countering climate change. Albeit the past few decades have seen some positive developments and global efforts in cutting greenhouse gas emissions, the potential for further mitigation is in doubt after “the low-hanging fruit has been picked”. The next phase of carbon emission mitigation will entail close attention to hard-to-decarbonize sectors and carbon-intensive economies. Sectors, such as heavy industries, power generation, and road transport are significant contributors to carbon emissions and, for different reasons, are difficult to decarbonize. Economies, such as China, the United States, and India, are the biggest greenhouse gas emitters and their low-carbon transitions are of key significance in combatting climate change.





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