



## New Insight into the Relationship between Economic Expansion and Carbon Dioxide Emission

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### Message from the Guest Editors

Despite economic growth raised living standards in most countries, it was also responsible for a dramatic increase in CO<sub>2</sub> emissions which are the most significant contributor to global warming. The issue of carbon dioxide emissions has received increasing attention worldwide, and dozens of countries and regions have already proposed “zero carbon” or “carbon neutral” climate goals. Understanding the relationship between economic expansion and CO<sub>2</sub> emissions helps governments in formulating energy policies, upgrading industrial structures and developing resources in a sustainable way.

Recently, as a result of green technological advancements, the use of renewable energy, the development of the digital economy, the increasing awareness of public environmental protection, and the nexus between economic expansion and CO<sub>2</sub> emissions have been experiencing deep change. Furthermore, new methods and tools for cause and effect identification, remarkable advances in remote sensing techniques, and the availability of micro firm-level data can all be conducive to the investigation of the nexus between economic expansion and CO<sub>2</sub> emissions.





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