

Special Issue

Challenges for Carbon Neutrality in the Energy Sector of Developing Countries

Message from the Guest Editors

Go Carbon Neutral is a new challenge for developing countries regarding green technology, engineering, and city planning. Many developing countries have taken responsibility for reducing their greenhouse gas emissions. Equity demands that developed countries—the source of most past and current emissions of greenhouse gases—act first to reduce emissions. That principle is embedded in the 1992 UN Framework Convention on Climate Change and the 1997 Kyoto Protocol, which only set binding emission targets for developed countries. With the Protocol now likely to enter into force, the focus will turn increasingly to the question of the emissions of developing countries. Developing countries will continue to increase their emissions as they strive for economic growth. However, their steadfast resistance to the idea of limiting their emissions has led to claims that developing countries are not doing their fair share. The purpose of this Special Issue is to identify local sources of carbon emissions, establish policy, and estimate carbon emissions for developing countries to aid scientists in mapping carbon sources and sinks.

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