## Kingfisher News

As we enter December, the cold weather continues, and heavy snowfall has been reported in the Tohoku and Hokuriku regions. According to the long-range forecast by the Japan Meteorological Agency, this winter's temperatures will be normal. It seems that winters so far have been warm.

As in the last article, we would like to introduce the current state of carbon dioxide emissions using data released by the IEA (International Energy Agency).

## Topic

## Global carbon dioxide emissions (Total)

Since the adoption of the United Nations Framework Convention on Climate Change in 1992, countries around the world have been working to combat climate change. Based on this treaty, the Conference of the Parties to the United Nations Framework Convention on Climate Change (commonly known as COP) is held every year. To date, efforts have been made to reduce greenhouse gas emissions through the Kyoto Protocol, which came into force in 2005, and the Paris Agreement, which came into force in 2016. However, as shown in the graph below, progress has not been made in reducing carbon dioxide, which is the greenhouse gas with the largest emissions.

The Kyoto Protocol set out global targets for combating global warming up to 2020, while the Paris Agreement succeeds the Protocol and sets out a framework for the period after 2020. There are two major differences between these two agreements. The first is that greenhouse gas reduction targets were set only for developed countries (Japan, the United States, the EU, Canada, etc.), but now they apply to all signatory countries, regardless of whether they are developed or developing. The second reason is that while the Kyoto Protocol made it mandatory to "achieve targets," the Paris Agreement requires "the formulation and submission of greenhouse gas reduction and control targets," but does not make target achievement mandatory. Reduction targets will be submitted and updated (more advanced than before) every five years, and it is hoped that this arrangement will lead the world in a positive direction.



## Activity schedule

The 27th Panel Exhibition: April 4-17, 2025 Fuji Grand Midorii 4th Floor Gallery "Passage" Please visit our website for more details.

TEL: (082) 548-8822 FAX: (082) 548-8833 e-mail:information@ngo-kingfisher.or.jp https://ngo-kingfisher.or.jp

