

# **Perspectives of Climate Change Response Measures with Understanding the Gaps between the Paris Long- term Goals and the Real World**

The trends of global greenhouse gas emissions are still increasing while the emissions in major developed countries are decreasing. The world should face the fact of difficulties in achieving carbon neutrality, and seek alternative approaches to meet the early achievement of carbon neutrality. The decision of Global Stock Take (GST) at the COP28 “calls on Parties to contribute to the following global efforts, in a nationally determined manner, taking into account the Paris Agreement and their different national circumstances, pathways and approaches.” The lecture will discuss the gaps between the long-term goals of the Paris Agreement and the current emissions and temperature rise of the real world, and convey the perspectives of effective climate change response measures with flexibilities including the transition.