

Historical Temperatures and Predictions of Warming due to Increasing CO₂

Historical Temperatures	World	Rising at a rate of about 0.73°C/100 years* ¹
	Japan	Rising at a rate of about 1.28°C/100 years* ²
Predicted Temperatures	World	Global warming of 1.5°C and 2°C will be exceeded during the 21st century unless deep reductions in CO ₂ and other greenhouse gas emissions occur in the coming decades* ³
	Japan	<p>Rising 0.5 to 5.4°C by 2100*⁴</p> <ul style="list-style-type: none"> ○RCP 2.6 scenario (lower stabilization scenario: assuming that the temperature rise is kept below 2 °C): 0.5 to 1.7 °C rise ○RCP 8.5 scenario (high-level reference scenario: assuming no policy mitigation measures): 3.4 to 5.4 °C rise <p>(RCP scenario is a scenario calculated from the idea of the concentration of greenhouse gases to be stabilized in the future, assuming policy mitigation measures)</p>