(a) Atmospheric CO$_2$ (ppm) over time. The graph shows the concentration of CO$_2$ in the atmosphere, with three models: 1ptCO$_2$, UVic ESCM, and GFDL-ESM2M.

(b) Global temperature (K) over time. The graph illustrates the temperature increase due to CO$_2$ emissions, with a peak around the 50-year mark, followed by a fluctuating trend as emissions cease.

(c) Temperature response after emissions cease (K) over time. The graph highlights the temperature change after emission emissions cease, showing a fluctuation with a peak around the 20-year mark following emissions.