

Figure 2.4: Atmospheric WMGHG concentrations from ice cores. (a) Records during the last 800 kyr with the LGM to Holocene transition as inset. (b) Multiple high-resolution records over the CE. The horizontal black bars in the panel a inset indicate Last Glacial Maximum (LGM) and Last Deglacial Termination (EDT) respectively. The red and blue lines in (b) are 100-year running averages for CO₂ and N₂O concentrations, respectively. The numbers with vertical arrows in (b) are instrumentally measured concentrations in 2019. Further details on data sources and processing are available in the chapter data table (Table 2.SM.1).

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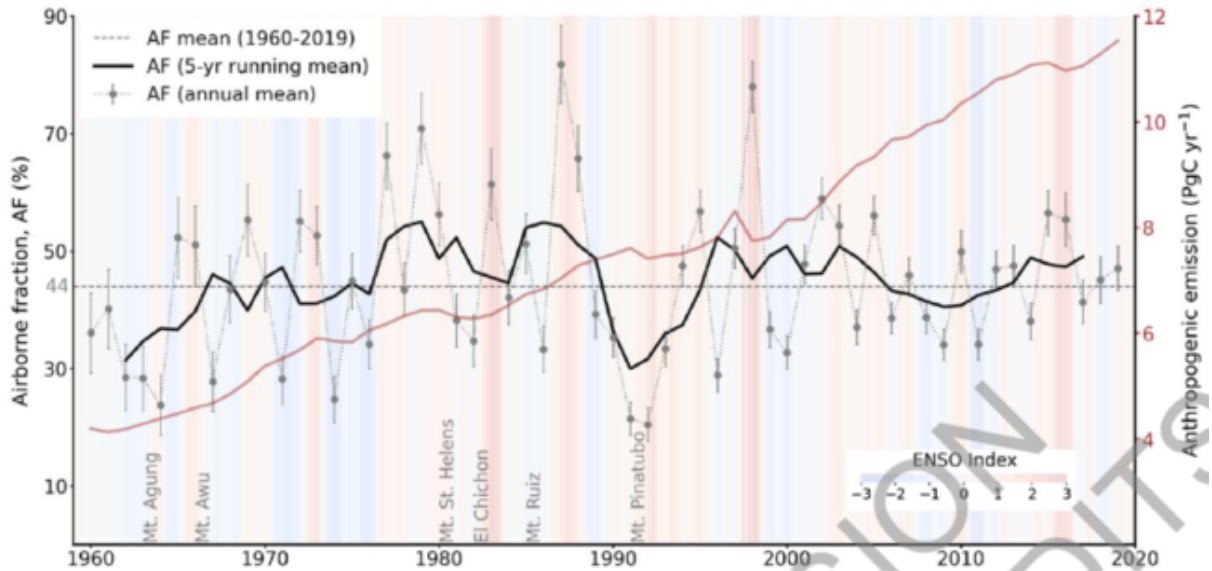


Figure 5.7: Airborne fraction and anthropogenic (fossil fuel and land use change) CO₂ emissions. Data as in Section 5.2.1.1. The multivariate ENSO index (shaded) and the major volcanic eruptions are marked along the x-axis. Further details on data sources and processing are available in the chapter data table (Table 5 SM 6).

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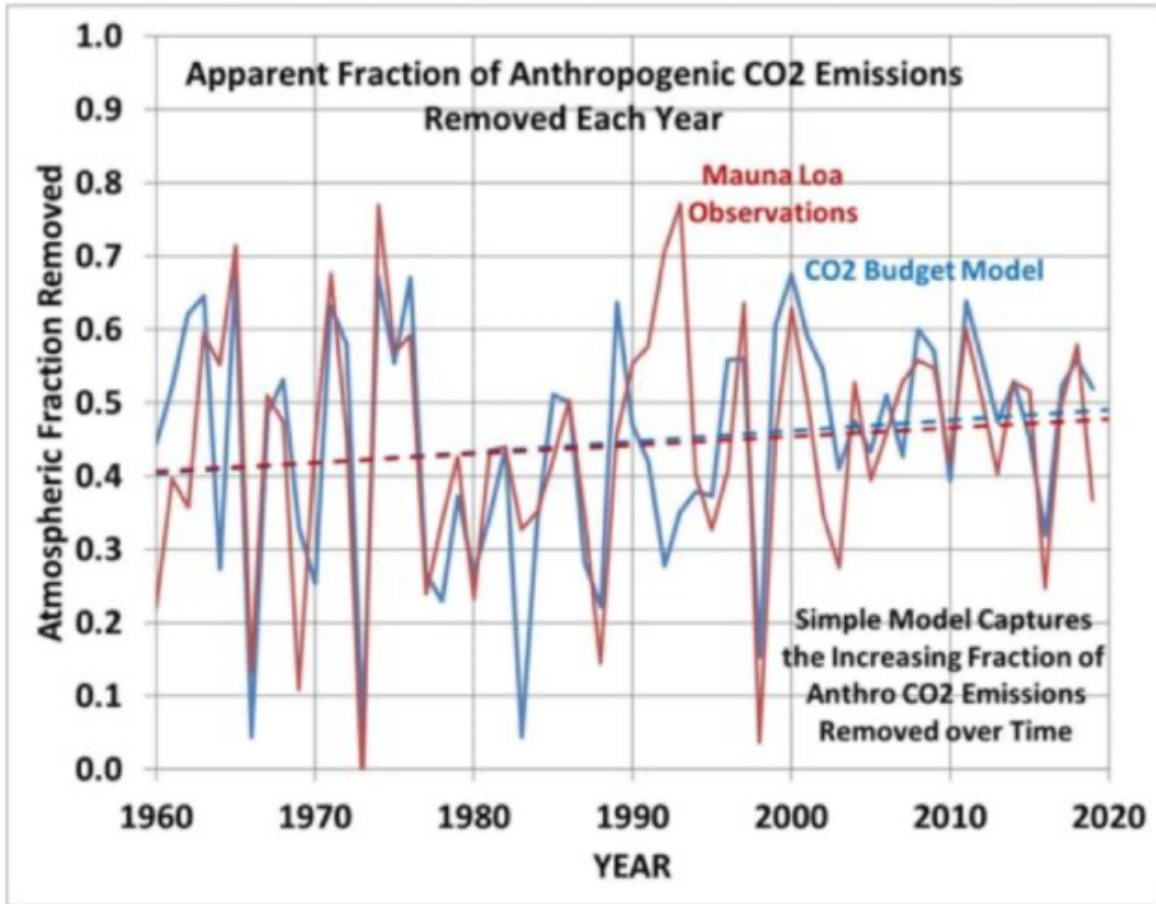
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CO2 Budget Model Performance: Mauna Loa CO2 Removal Fraction



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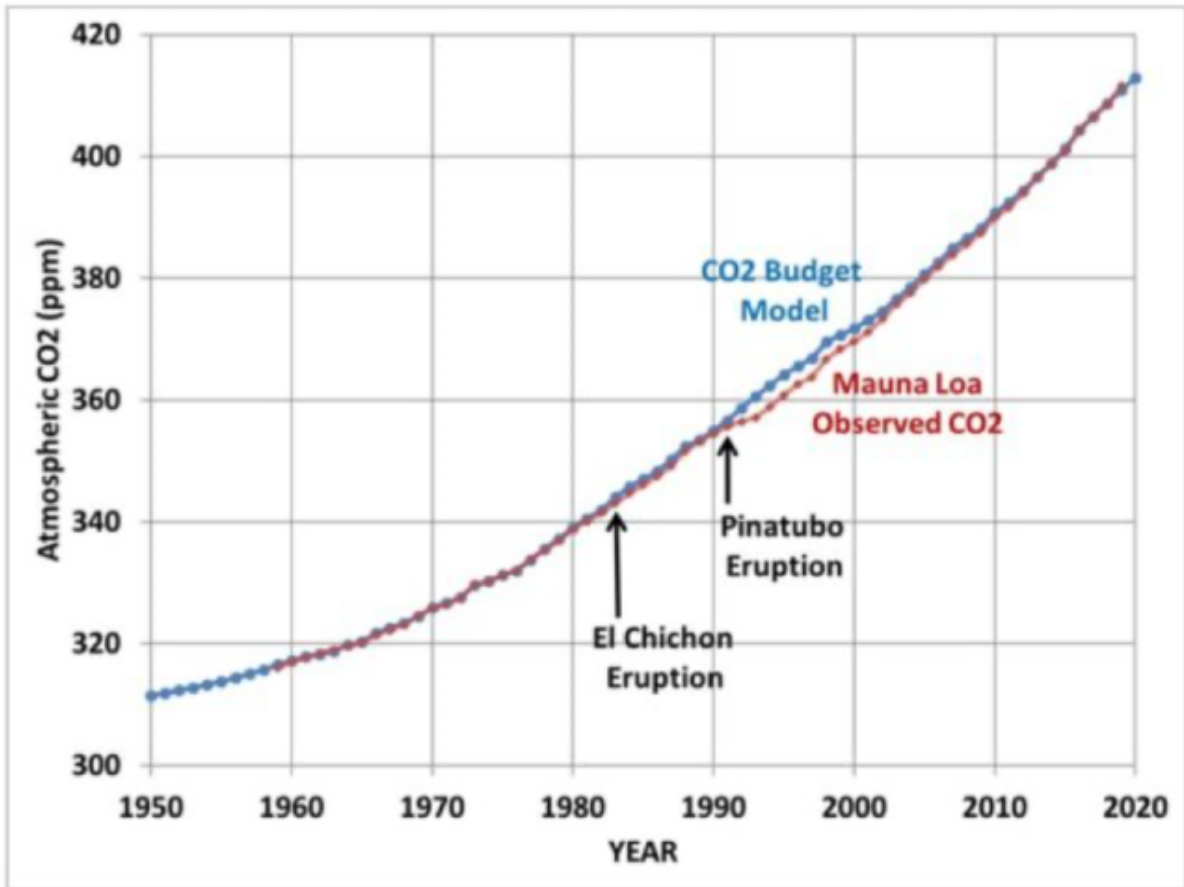
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CO2 Budget Model Performance: Mauna Loa CO2 Concentrations



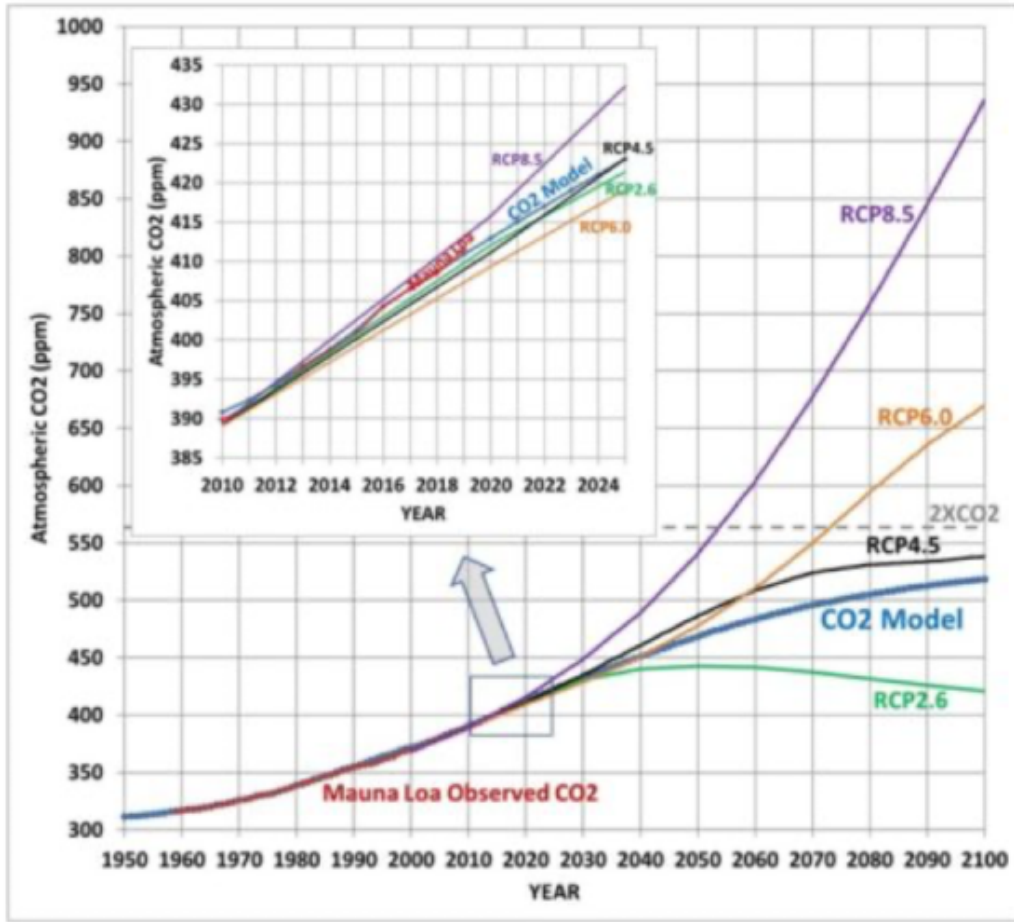
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Model Projection of Atmospheric CO2 to 2100



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