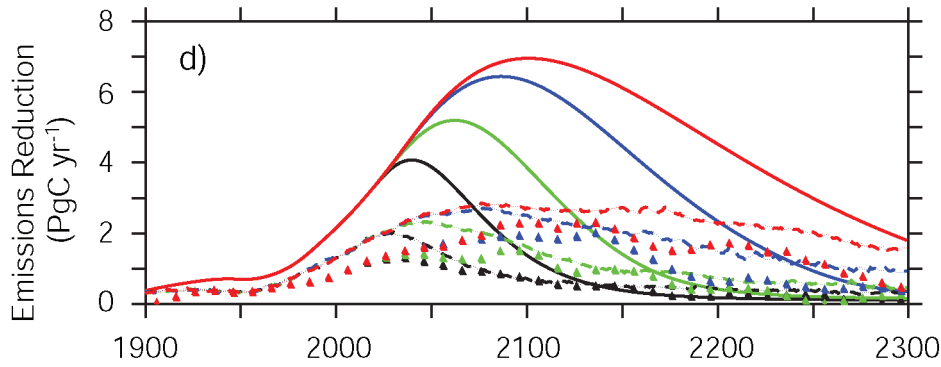
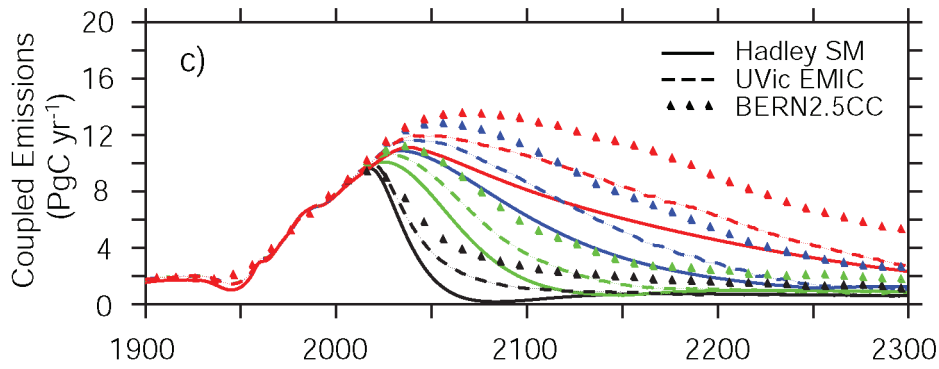
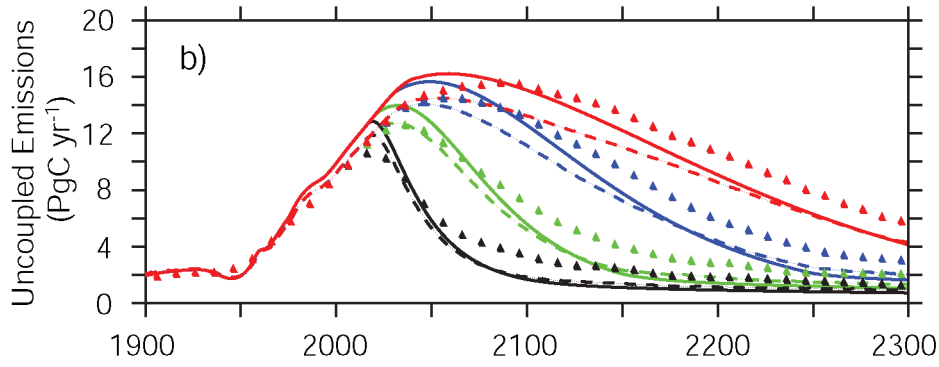
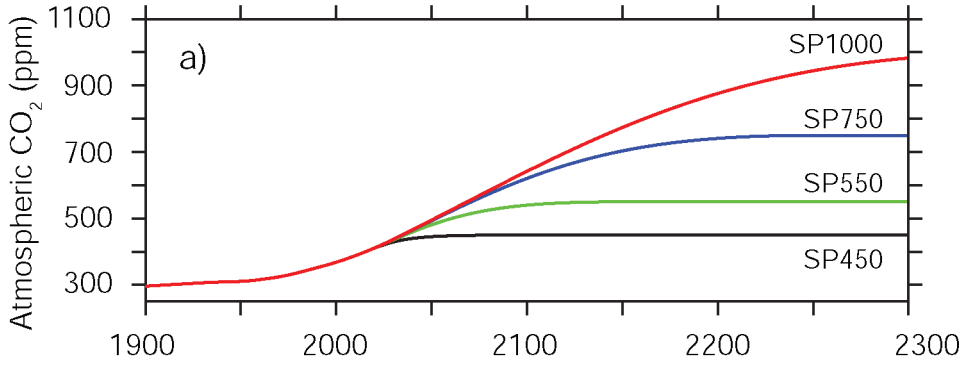


**Figure 10.21.** (a) Atmospheric CO<sub>2</sub> stabilisation scenarios SP1000 (red), SP750 (blue), SP550 (green) and SP450 (black). (b) Compatible annual emissions calculated by three models, the Hadley simple model (Jones et al., 2006; solid), the UVic EMIC (Matthews, 2005; dashed) and the BERN2.5CC EMIC (Joos et al., 2001; Plattner et al., 2001; triangles) for the three stabilisation scenarios without accounting for the impact of climate on the carbon cycle (see Table 8.3 for details of the latter two models). (c) As for (b) but with the climate impact on the carbon cycle accounted for. (d) The difference between (b) and (c) showing the impact of the climate-carbon cycle feedback on the calculation of compatible emissions.

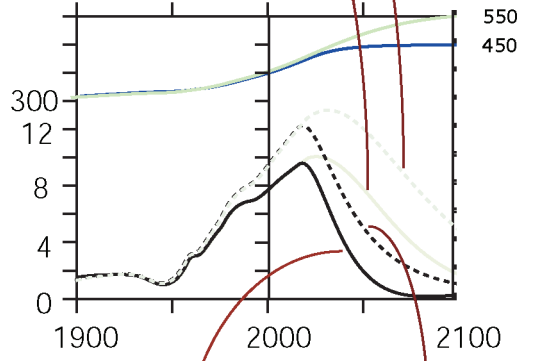


Hadley Centre

550 'uncoupled'

550 'coupled'

The uncoupled 450 emissions curve if unchanged and reflecting coupled modelling could give a 550 outcome



Hadley Centre

450 'coupled'

450 'uncoupled'