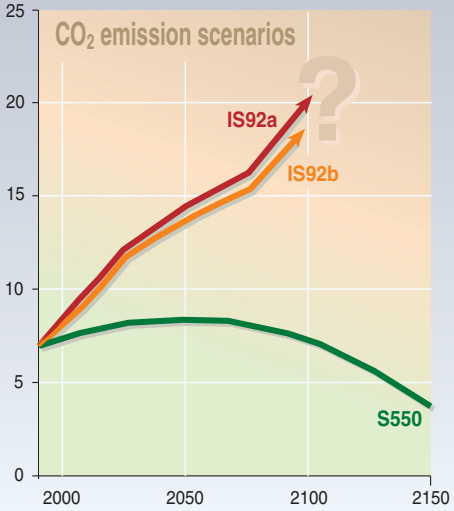
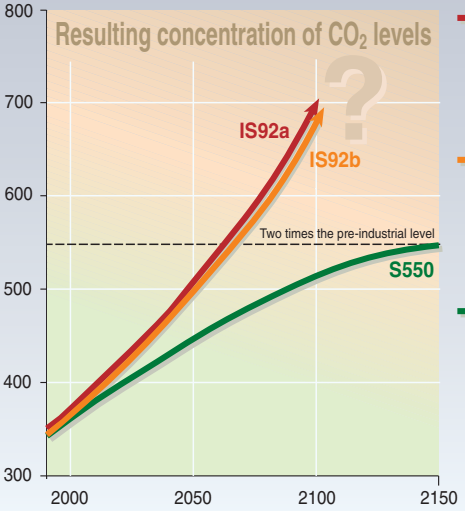
Projected changes in CO_2 and climate: summary of assumptions in the IPCC 1992 alternative scenarios

Emission rate (billion tonnes of carbon per year)



Concentration of CO_2 in ppmv (part per million by volume)



IS92a : scenario assuming that world population grows to 11.3 billions by 2100, economic growth continues at 2.3-2.9 % per annum, and no active steps are taken to reduce CO_2 emissions

IS92b : scenario making the same assumptions as IS92a about population and economic growth, but assumes commitments by many OECD countries to stabilize or reduce emissions.

S550 : scenario illustrating a pattern of emissions that would stabilise CO_2 at approximately double it's pre-industrial level shortly after 2100.

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Sources: Climate change 1995, The science of climate change, contribution of working group 1 to the second assessment report of the intergovernmental panel on climate change, UNEP and WMO, Cambridge press university, 199; Hadley center for climate prediction and research, United Kingdom, in Climate change information kit, Information unit for convention (IUC), UNEP, Geneva, 1997.