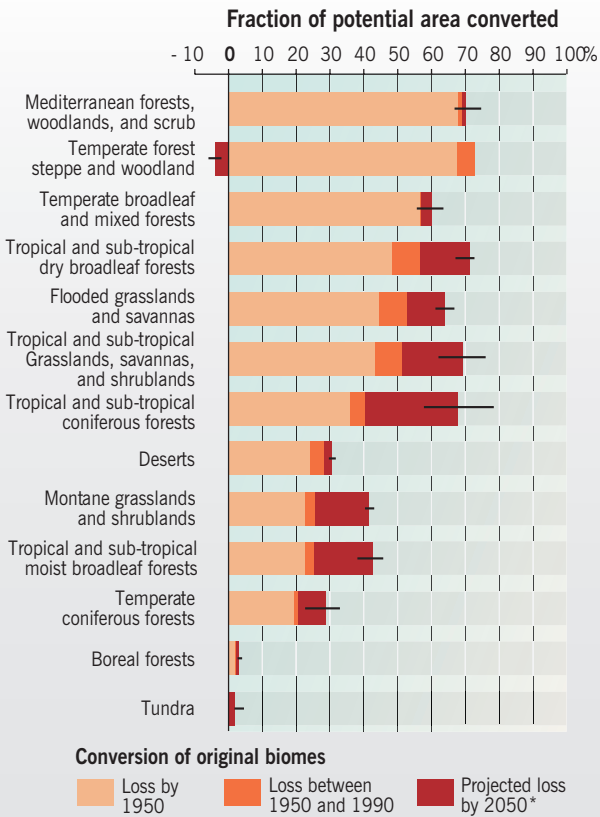


**FIGURE 4.3 | Conversion of terrestrial biomes**



\* According to the four MA scenarios. For 2050 projections, the average value of the projections under the four scenarios is plotted and the error bars (black lines) represent the range of values from the different scenarios.

Based on soil and climatic conditions, it is possible to determine the “potential” extent of biomes prior to significant human impact, although obtaining exact estimates is not feasible. This figure shows how much of that potential area is estimated to have been converted by 1950 (medium certainty), how much was converted between 1950 and 1990 (medium certainty), and how much would be converted under the four MA scenarios (low certainty) between 1990 and 2050. Most of the conversion of these biomes is to cultivated systems.