

List of Figures

Figure 1:	Discretisation grid for a climate model	23
Figure 2:	Likelihood scale from the Guidance Note for Lead Authors for the 5th assessment report.	67
Figure 3:	Necker Cube	86
Figure 4:	Change in percentage of possible sampled area for land records (top panel) and marine records (lower panel). Land data come from GHCNv3.2.0 and marine data from the ICOADS in situ record.....	95
Figure 5:	Illustration of common types of model ensemble, simulating the time evolution of a quantity Q (such as global mean surface temperature)	130
Figure 6:	A depiction of evidence and agreement statements and their relationship to confidence. Confidence increases towards the top-right corner as suggested by the increasing strength of shading.	133
Figure 7:	The principle of emergent constraints.	142

