	CUL	MET	ENV
CUL	social learning of discount factors trade-off between evaluations of present and future equilibrium in beliefs and strategies	implementation of policies (constraints on carbon emissions)	
MET	evaluation of present and expected future metabolic state (mitigation cost and climate damage functions)	combustion of carbon fuel	carbon emissions
ENV	evaluation of environmental state (climate damage function)	extraction of carbon fuels climate impacts on metabolic stocks and flows (infrastructure, health, ...)	carbon cycle global warming climate change climate impacts on biodiversity