Figure 2. A ‘safe operating space’ for interconnected food and climate systems can be defined as a global condition that falls within three limits: the quantity of food that can be produced under a given climate; the quantity needed by a growing and changing population; and the effect of food production on the climate. (The vertical axis refers to both the global food supply and demand.) Our global condition falls outside the ‘safe space’ both today and under business as usual projections for 2050 due to undernutrition, over-consumption, population growth, food waste, crop yield gaps and climate change. Developed in collaboration with University of Minnesota, Global Landscapes Initiative. Adapted from Beddington et al. 2012.