

Download Global Change And The Challenges Of Sustainably Feeding A Growing Planet

Feeding a growing human population without increasing stresses on Earth's strained land and water resources may seem like an impossible challenge. But according to a new report by researchers at the University of Minnesota's Institute on the Environment, focusing efforts to improve food systems ...Sustainability is the process of maintaining change in a balanced environment, in which the exploitation of resources, the direction of investments, the orientation of technological development and institutional change are all in harmony and enhance both current and future potential to meet human needs and aspirations. For many in the field, sustainability is defined through the following ...The urgent issue of feeding the world's growing population is one of competing proprieties and glaring contradictions. While a third of the food produced globally for human consumption every year is lost or wasted, according to the United Nations (UN) Food and Agriculture Organization (FAO), the World Food Programme reports that around 821 million people go hungry daily. Cropland area change. Percentage change in cropland areas with respect to the reference scenario. Scenarios differ in: organic shares (0–100%), impacts of climate change on yields (low, medium ...