

Download Agricultural Adaptation To Climate Change

From what we know today, Africa, Latin America and South Asia will suffer the most from the impact of climate change. In some northern regions of Europe, Asia and America, by contrast, agricultural productivity may even increase, at least temporarily, as a result of climate change. It is moisture that could be the limiting factor for agricultural production on the prairies. Most climate change scenarios suggest that the semi-arid regions of the Prairies can expect an increase in the frequency of drought. This means that southwestern Manitoba may become drier overall. Many agricultural practices and technologies already provide proven benefits to farmers' food security, resilience and productivity. Indigenous knowledge provides the backbone of successful climate change adaptation in farming, livestock and fisheries. Agro-ecological zones and farming systems are extremely diverse. Climate Change, Water Scarcity, and Adaptation in the U.S. Fieldcrop Sector Agricultural Adaptation to a Changing Climate: Economic and Environmental Implications Vary by U.S. Region. In addition to its effect on feed crop yields and prices, climate change can affect livestock production by increasing heat stress experienced by farm animals.